6.3.3 Details of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff during the year

### Academic Year 2022-2023

S.No Dates (from-to) (DD-MMYYYY		Title of the professional development/ administrative training programs organised for teaching staff (Professional development/ administrative training programs)	No. of participants	Page. No
35	21-08-22 to 24-08-22	World Entrepreneurs Day Organized by World Entrepreneurs Day Organized by IIC & EDC, CBIT	100	3-15
36	26-04-23	World Intellectual Property Day, Theme:Women and IP: Accelerating innovation and creativity	199	16-34
37	10-10-2022	Entrepreneurial mind Set for professional Success	94	35-47
38	31-01-23 to 01-02-23	Dr. K. Veera Brahmam, Scientist-F, Associate project Director, Advanced Systems Laboratory (DRDO),Kanchanbagh, Hyderabad - 500058.	160	48-53
39	20-4-2023	Guest Lecture by B.Sheeresha on CFD	120	54-59
40	3-04-23 to 7-04-23	Training for Non teaching staff	9	60
41	19-06-2023 to 30-06-2023	Institute level Non-Teaching Staff Technical Training Program-2023	30	61-68
42	13-03-2023 to 17-03-2023	Management Development Program on "Analytics Data Driven Decision Making" Sponsored by DC MSME and NI MSME	25	69-117
43	28-06-2023 to 30-06-2023	Altair Flux-A Software Tool for Electromagnetic Modeling of Electrical Systems	60	118-133
44	05- 06-2023 to 09-03- 2023	Energy Efficient and Decarbonisation Technologies	30	134-138
45	24-04-2023 to 28-04-2023	Digital Manufacturing and IoT-based Prototype Development	80	139-145
46	27-02-2023 to 03-03-2023	Raspberry Pi and its Interfacing	105	146-168
47	20-02-2023 to 24-02-2023	Big data applications in Electrical Engineering	44	169-183
48	27-12-2022	Energy Transition: Contemporary Conventional Technologies for Power Generation	167	184-198
49	17-12-2022	Research Day	28	199-213
50	14-12-2022 to 20-12-2022	Energy Conservation – National Energy Conservation week	81	214-230
51	06-12-2023	Intensive hands-on development Workshop on Introduction to Block chain, web3 and dApps	128	231-239
52	01-06-2022	AI Applications for Power Electronics - Challenges and Opportunities	99	240-257

53	02-05-2023	HAM Radio Equipment CBIT/AEC/IC/2023	155	258	
54	28-04-2023	System Hardware Engineering	35	259-265	
55	24 -04-2023 to 28-04 2023	Digital Manufacturing and IOT Based prototype Development	45	266	
56	20-04-2023	The Nature v/s Nurture: Human Growth and Development	198	267-273	
57	15-04-2023	SOC lifecycle and career talk	65	274 270	
58	8-04-2023 to 9-04- 2023	Brain, Behaviour & Beyond	48	274-278	
59	04-04-2023	Tech –TrekX	200	279	
60	17-02-2023	Chip design flow in VLSI Industry	78	280-284	
61	31-01-2023	Yesterday, Today & Tomorrow of Electronic warfare CBIT/ECE/TP/121/ Feb/2023	200	285	
62	31-01- 2023 to 01- 02-2023	AAVISHKAR - Hardware Edition & Software Edition CBIT/ECE/TP/120/ Feb/2023	32	286-287	
63	31-01-2023	Quiz CBIT/ECE/TP/119/ Feb/2023	45		
64	01-02-2023	Web Design Contest CBIT/ECE/TP/118/ Feb/2023	65	288-312	
65	31-01-2023 to 01- 02- 2023	Guess the Gadget CBIT/ECE/TP/117/ Feb/2023	67		
66	31- 01- 2023 to 01-02- 2023	Technical Hunt CBIT/ECE/TP/116/ Feb/2023	78	313	
67	31-01-2023	Debate CBIT/ECE/TP/115/ Feb/2023	79	014 000	
68	01-02-2023	Invited talk CBIT/ECE/TP/114/ Feb/2023	200	- 314-338	
69	1-02- 2023 to 2- 02- 2023	Technical fest CBIT/ECE/TP/113/ Feb/2023	344	339	
70	05-12-2022 to 16- 12- 2022	Drone Imaging & AI/ML Tool for improving decision making in Agriculture Applications	50		
71	30-10-2022	WEBINAR CBIT/ECE/TP/112/ Oct 2022	100	340	
72	26-10-2022	WEBINAR CBIT/ECE/TP/111/ Oct 2022	100		
73	22-10-2022	Robotics CBIT/ECE/TP/110/ Oct 2022	120	341	
74	21-10-2022	SEMINAR CBIT/ECE/TP/109/Oct 2022	122	342	
75	28-07-2022 to 30-07 - 2022	FDP CB IT/ECE/TP/108/April 2022	57	343-367	
		FDP CBIT/ECE/TP/107/April 2022			

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((A) commerciant 43 (MED) contraction 43 (MED)	REPRENEURS' DAY 3IT in association with EDC – CBIT 2022 to 24th August 2022 GRAM SCHEDULE	Resource peridn(s)	Dr. P. Ravinder Reddy, Principal, CBIT	Prof. P. Narahari Sastry	Dr. U.K. Choudhury	Dr. N. V. Srinivasulu Dr. G.M.R. Prasad, Mrs. V. Sondhya	D- E Jataja	Prof. N.V. Scinivasulu	Dr. A. Bojantkanth	Mr. Prasad Kandimalia MD & CEO, LAZUUNE BIOTECH PVT LTD / Mr. Kishare Viju, icube Technology	Mill Navneeth Kumar, Exendône Head, Hi xagon Capability Centre	D. N. V. Sernivasulu, Dr. E. Julaja, Dr. B. V.S. Rac., Mr. C) midra Kanth, Mrs. Ipstvirtu Michanty, Dr. Hareez R ha	D G.N.R. Presad
CHAITANYA BHARACHI INSTITUTE OF TECHNOLOGY (A) MANAGEMENT AND	<b>TREPRENEURS' D</b> - CBIT in association with EDC - list 2022 to 24th August 2022 PROGRAM SCHEDULE	Faculty coordinators	Dr., U.K. Choudhury Dr., P. Narahari Sastry	Dr. B.V.S.Rao Mrs. V. Sandhya	Dr. B.V.S.Rao Mrs. V. Sandhya	Dr. G.N.R. Prasad Mrs. V. Sandhya	Dr. V. Arone Mr. Tulas Ram	Dr. G. N. P. Prasad	Br. P. Narahari Sastry Mrs. M. Sangeetha	Dr. B.V.S.Rao Mrs. Ipshitha Mohaniy	Dr. B.V.S Rao Mrs. Ipsnitha Mohant	Dr. P. Narahari Sastry Mru. M. Sangeetha	Dr. G.M.R. Prasad Mr. Tulo- Ram
NSTITUTION'S INNOVATION COUNCIL SUBJECT SUBJEC	ENT: ENT:	T(5)e	Inauguration and Address by Principal, CBI1	Challonges faced by Entrepreneurs	Innovation in the age of Disruption	Poster competitions on Entrepreneurship in the campus	Entropresearship and Project Management	Role of Venture Capitalists in Entropreneurship Development	Devripping an affective business plan using lean Canvas	Entr-preneur in current scenario - opportunities and chollenges	Entropreseur out look in organisations possibilities and constraints	Panel Discus on with Student/ Facuity/Staff Entreprioneurs on Entrepreneurship	Create a short video on Me of campus Entr-preveurs
	WORLD Organized by 21s	Time	11.15 AM to 11.30 AM	11.30 AM to 12.30 PM	10.20 AM to 11.20 AM	01.30 PM to 02.30 PM	01.15.PM to 01.15.PM	11.15 AM to 12.15 PM	01,00 PM to 02.00 PM	01.30 PM to 02.30 PM	02:30 PM to 03:30 PM to	01.15 PM to 02:30 PM	7.00 PM to 8.00 PM
MIND ATTON CELL SOUTHWARD OF MUM	0	Date	21.08.2022 (Online)	21.08.2022 IOnline/	22.08.2022	22.08.2022	2202'20'EZ	23.08.2022	23.08.2022	23.08.2022	23.08.2022	24.08.2022	24.05.202210

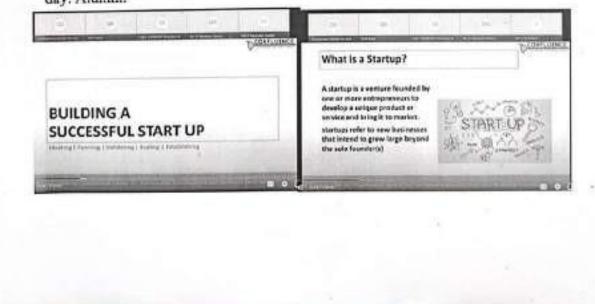
### BRIEF REPORT OF WED (World Entrepreneurship Day) 2022 ORGANISED IN CBIT FROM 21st AUGUST TO 24th AUGUST 2022

The WED (World Entrepreneurship Day) 2022 was organized in CBIT from 21<sup>st</sup> August to 24<sup>st</sup> August. This event was opened and the Inaugural address was given by our Principal Prof. P. Ravinder Reddy Garu on 21<sup>st</sup> August 2022(Sunday). This was in ONLINE mode.



Principal, CBIT Spoke about Entrepreneurship and Innovation and encouraged students to get involved in such activities. He also told that te importance is to be understood by the young generation. Entrepreneurship subject is being offered by CBIT for the benefit of the students. He advised the students to attend the program and some of them can transform themselves to become successful Entrepreneurs and have their own Start-up.

Mr. BVS Rao spoke about Entrepreneurship and Invited Sri CEnkatesh Yeramalla, CEO Confluence to address the students on this Entrepreneurship day. Alumni.



Laser, Theorem (1922) The U. W. (Theorikany addressed) and spoke about the importance of Theorem entropy, inclusion and monotonic. In the attention because The 77 Neuralence Searcy, Phylicises of HEE game is presentation in ONCONE mode table, "Chailinger, heard by Theoremeters", More they 72: (INCONE mode table," "Chailinger, heard by Theoremeters", More they 72: (INCONE mode table,").

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Latter Director (I&I) Dr. U. K. Choudhury addressed and spoke about the importance of Entrepreneurship, incubation and innovation. In the afternoon session Dr. P. Narahari Sastry, Professor of ECE gave a presentation in ONLINE mode titled "Challenges faced by Entrepreneurs". More than 132 participants participated.

In the following day on the 22<sup>nd</sup> of August, Dr. U. K. Choudhury presented a talk titled "Innovation in the age of disruption" in Offline mode.



Some of the photographs are shown below:

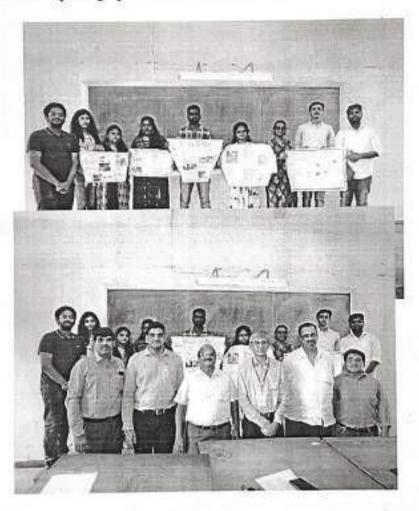


Further on the same day, there was a poster competition organized on Entrepreneurship and was participated by students. There were 3 prizes awarded and the result is shown below:

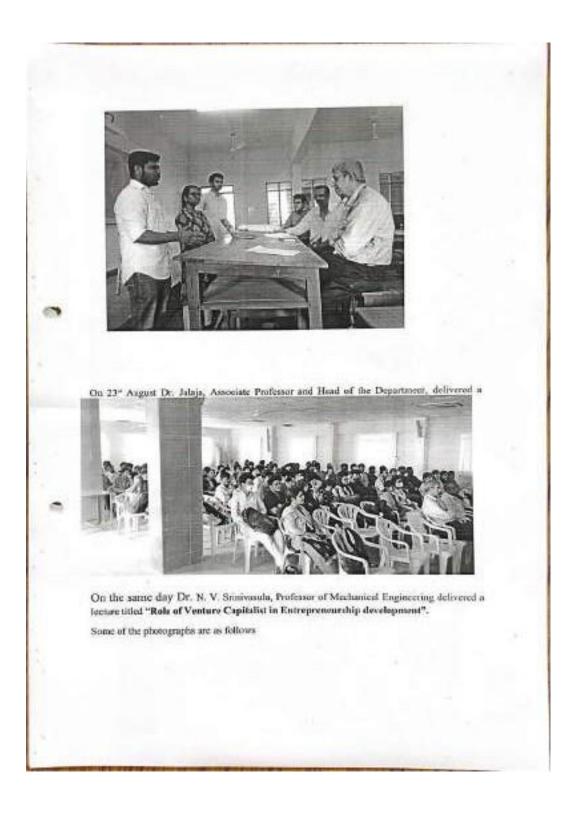
S. No.	Name of the student	Branch / Semester	Title of the presentation	Prize
1	G. CHoodamani Chandana M. Mahesh G. Ramakoteshwara Rao	Production / VII	Young Entrepreneurs in India	
2	V. Sathwik Venkat Chandan V Sanjna	MBA / II	Start-ups raising standard of living	
3	Lakshmi Prasanna	Mechanical /	Cloud Kitchen	1"
4	D Sai Rohini	MCA/II	Social	Special Prize

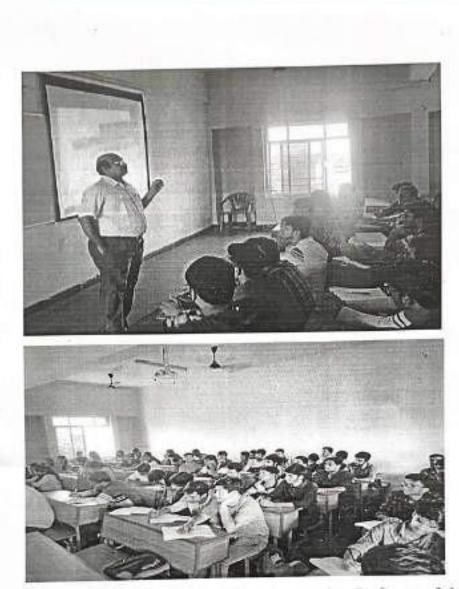
			Entrepreneurship	
5	D Sai Kiran	MCA/II	Waste Management	-
6	T Ramya Priya	MCA/II	Digital Marketing	3 <sup>10</sup> Prize
7	Ketan Kakali Maanvi Reddy	Mechanical / 4* year	Entrepreneurship	2 <sup>se</sup> prize

Some of the photographs are shown below:



The various judges were Dr. P. Narahari Sastry, Professor of ECE, Dr. N. V. Srinivasulu, Professor of Mechanical Engineering and Dr. M. Ramana Reddy, Asst. Professor of ECE Department. Dr. U. K. Choudhuri, Director (i&i) was also present during this event. The organizers of this event were Dr. G.N.R. Prasad, Asst. Professor of MCA department and Sri Tulasi ram, Asst. Professor of MBA department. The above figure shows the participants, organizers, and also Judges of the event.





On the same day Dr. A. Rajanikanth, Associate Professor, of the Computer Science Department delivered a lecture titled "Developing a business plan using lean Canvas"

Some of the images related to this talk are as follows:

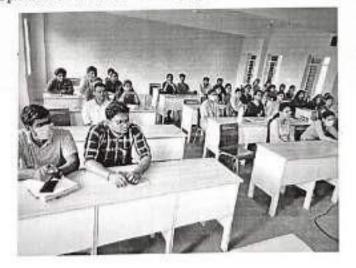


On the same day, there was a session titled "Entrepreneur in current scenario and opportunities – Opportunities and Challenges" delivered by Mr. Prasad Kandimalla, MD and CEO of LAZULINE BIOTECH PVT. LTD.

One of the pictures are shown below:



Mr. Navneeth Kumar, Executive head, Hexagon Capability Center gave a lecture on "Entrepreneur outlook in organizations – possibilities and constraints". One of the pictures is shown below for the program:



On the last day 24" August 2022, there was a panel discussion organized between students along with Faculty on the topic "Entrepreneurship and its influence".

Some of the pictures are shown below:





WED celebrations.

#### Research and Intreasonable Helt COUL Hyderafaid

#### Suit. Note for Approach to calabrate World Intragreementials day as pay MC publicles.

word invepreneurs' buy (with) is calibrated an 22<sup>st</sup> August to create awareness for entropresenting, incontion and leadening throughout the world. WED is the day of founders, wanagen, producen, contractors, industriefese, innovators, administrators, designers and producen.

Ministry of Education Instruction cell (MIC) has announced the next MIC Enhant Activity for Guerrer 4 for calcinating World Entroprocessing Day, i.e. on 23x4 August 2011. MiC has adviced all ICCs for the institutions to celebrate WID to feater the output of Massadan screet all educational instructions from ideas generation to pre-insulation, incidention and graduating from the insulator to successful stat-up.

AS advised by MAC, will of swelturelane have to organize happenings around and within their campac botween 25st August 2021 to 34/s August 3021 to prevale World extrements Day, 21\* being Sunday, online programs withe amongsti.

The HC, CRIT is association with EDC, CRIT will be eigenbarg following on-line events between \$352:00 24<sup>th</sup> August, 21.

- 1. Ranal Objustion with Student/ Faculty/Staff Enreprenature
- 2. Invited talk with Start-up Toundar/Co-Houndar
- it. Digastor debath/ potter making consettilions on Entreprendum/lip.
- 4. Write the cases of Successful Start-up Founders
- 5. Hisdance faced by Entruprenews
- 6. Create a short sideo on life of campus Entreprenent

The following Dependiture is estimated for the WED Celebration.

- 1. Poster and one standoe in frare of CBIE Main Duilding. Pic 1800
- 2. Certificate Printing Ib. 2093
- 8. Adventures to 3 External Speciars its 1900 Each (Alexant) Total Ro. 9000.
- 4. Tox, Water Bottles, Miss Expenses is 2000.
- 5. No tonorarius for internel toxolats.

The Programs will be associated by Fref. Surplus Sastry, ECE) and Fref. Problems, Repty, MED Dept. and Or Rajnkant, Asse. Prof. II. The Proposed program Oetals is attached in Assessment.

this requested that Hs. 8,000 may please sanchaned for conducting the event.

Principal, CHIE for Mind approved

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### సిజంటి కళాశాలలో ఘనంగా ప్రారంభమైన ప్రపంచ పాలిశ్రామికవేత్తల బినోత్సవం

శంపాబాద్.అనుదిన వార్తా రాజేంద్రనగర్ సియోజవవర్గం గండిపేట మండలం సిపిబది తగాతాలలో అగస్తు 21 మంది అగస్తు 24వ జేడి వరకు ప్రవంద తెల్యకమ యొక్క వేత్తం దినిత్చవం నిర్వహించనున్నారు. అదవారం రోజు అప్రైల్లే సిపిబజీ కళాశాల ప్రొఫెనర్ కవీందర్ చెత్తి తక ప్రపంగంణే ప్రవంత పార్యకాటకవేత్తం దినిత్తవాళ్ళి ప్రారంభిందారు. అనంతరం అయన నూట్లాగుతూ ఎంట్రకృపిమ్మారేషిప్ యొక్క ప్రాపూట్లత అని మహిమ్మారి సమయంలో పారిధాబిటివేత్తల పాత్ర గుదించి చెప్పారు. మన దేశం లో వివిధ రకాల చిస్తు ఉర్యోగాలను సృష్టించదాదికి స్పోర్టపు పర్యావరణ వ్యవస్త

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దర్శాలయ గృష్టండును గృష్టా కార్ట్ ప్రోగాం షెడ్యూర్ గంరించి (సోఫెనర్ వగంగా అభివృద్ధి వెందుతోందని జెలిపారు, ప్రోగాం షెడ్యూర్ గంరించి (సోఫెనర్ విహాకాంత పోషని జెలిపారు, ఈ ప్రోగామ్ తదుపర వాలుగు రోజుల పాటు అధిపైన్ మోడిలో దిర్యహించబడుతుంది. పరిశ్రమ నింది వివిధ అనుభవామగల చెత్తులు వివధ ప్రవంగాలు పోషన్ (పదిర్యవ, పోటీలు విధ్యహించడం అదుగుతుందని చెప్పారు.







### A Report on

World Intellectual Property Day

Theme:

Women and IP: Accelerating innovation and creativity

26-04-2023

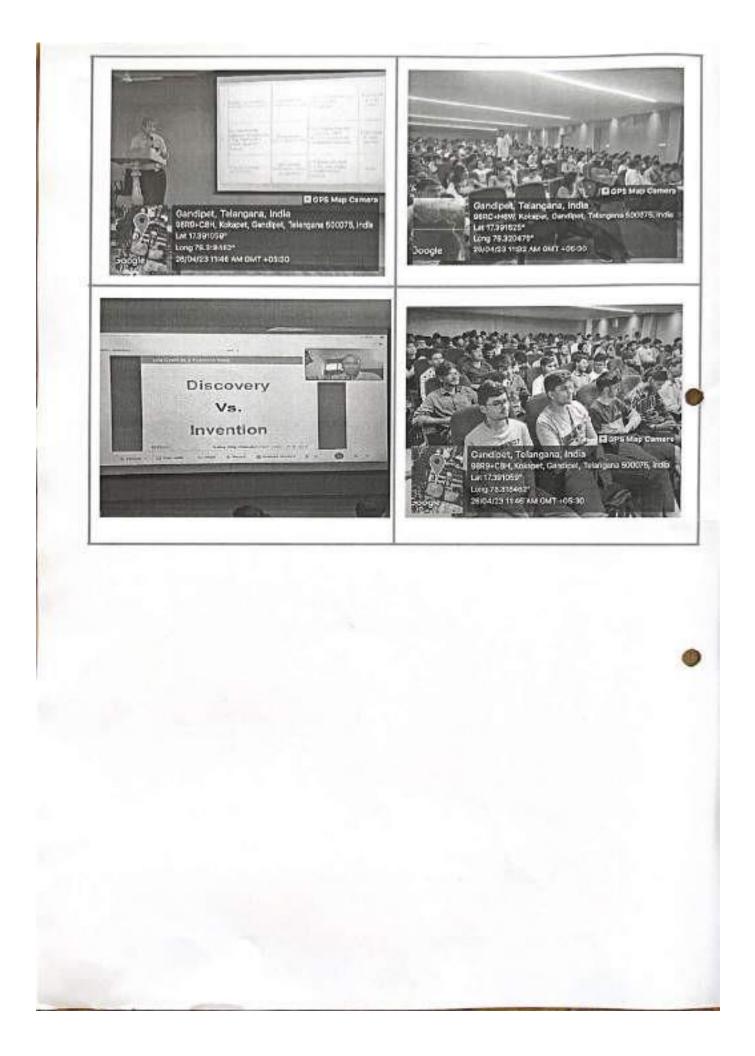
Organised by EDC,IIC-CBIT





Entrepreneur'rising"ideas

2012-23



### Circular



No.CBTT/062/Admn./2025

Dt.25.04.2023

#### CIRCULAR

Celebration of World Intellectual Property Day on 28th April, 2023 Sub: Theme: Woman and IP: Accelerating incovation and creativity

World Intellectual Property Day is celebrated on 26th April 2023 to raise assares about Solidiochast Properties and how Patents, Copyright, Trademark etc., are protected. This year, the there of World Imillectual Property is "Wonien and IP: Accelerating Innevation and Creativity". The motive bohind this day is to make people aware of intellectual property and how to protect them. World intellectual Property Day is an opportunity for young people us find out how IP eights can support their goals, help transform their ideas into reality and how he create 17%s.

CRIT's Institute innovation Cell and EDC Cell will be arranging the IP sessions on Patrni, Design, trademarks, copyright, geographical indications, trade secrets elc., which will help the students and faculty to understand about the role that inteffectual property (IP) rights play in encouraging innovation and coativity. The following programs will be arranged off line in the N-Block Seminar Hall.

- 1) Address by the Principal, CBIT
- 23 Presentation on IPR Filed, Published and Grouted for CBIT. Patents and copyrights filed by Women Inventors. (by the Advasor-Uel, CBIT)
- 2) Lecture on "Accelerating innovation and crustivity & Innovation and IPR-annovating for Better future" by Seniar Patent Attorney, Mr. Tapan Beshma, (the speaker will join on line).

As put the guidelines of Manistry of Education Innovation Coll for the CBIT's BC is organising the session in order to inclivate the faculty and students to file more IPEs. For any further suformation in this regard, contact Dr. Vanita Guda, Asst. Prof., Dept. of CSE, Mobile : otst1283477, and Mr. V. Sandfryn Beddy, Asst. Prof., Dept. of Mech. Engg., Mobile: 9752540180.

All the interested Faculty and Students are advised to attend the program from 11:00 AM to 12:30 PM temorrow without detrimental to class work. Students who can't be autominedated in the Seminar Hall, can join enline for the session. Link for joining the Session https://chithyd.avdora.com/chithyd/j.php?MTHD=masiCer?BSaSur560500faSe391da75ce

PRINCIPAL

To

All the Advisors, Disectors, Associate & Joint Directors, Heads of the Departments / Sociares, Coll, Librarian, Huad-HR, Ann. PD and PRO, for information and advised to arrange for circulation among all the Faculty and Students under their control.

### Brief profile of Speaker:

Mr Tapan Brahma

Experience

Founder, Director, ExiLyze Intellectual Services Private Limited

Senior Manager, Legal Advantage LLC

Assistant Manager, SciTech Patent Art

A seasoned, versatile, and passionate professional specializing in Intellectual property research, drafting, Filing, analytics, and litigation support with over 18 years of in-depth experience in all things IPR.

I bring a successful track record of specialist analytical skills gained through 5000+ IP/Business related projects. I am proficient in Intellectual property matters and have worked with attorneys and innovators across the globe, and am adept to identify evolving technologies and effectively connect the dots.

An Indian Patent Agent, I have Master's degrees in Chemistry and Polymer Technology and a diploma in patent law. My extreme familiarity with all current intellectual property trends and knowledge management market is a definite asset. Additionally, I'm known to continuously improve performance standards, while ensuring client objectives are met.

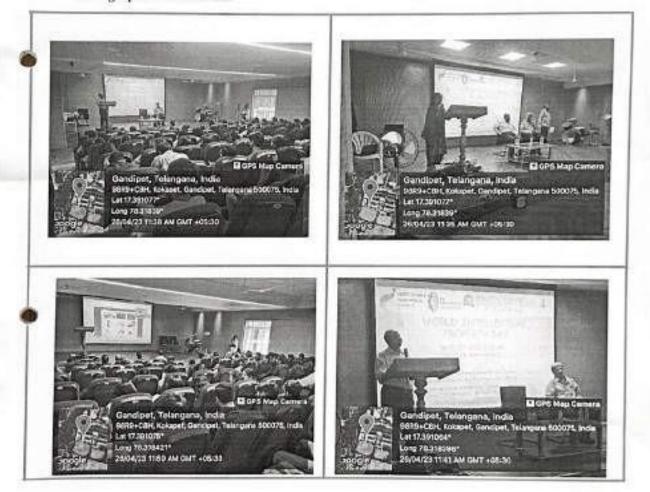
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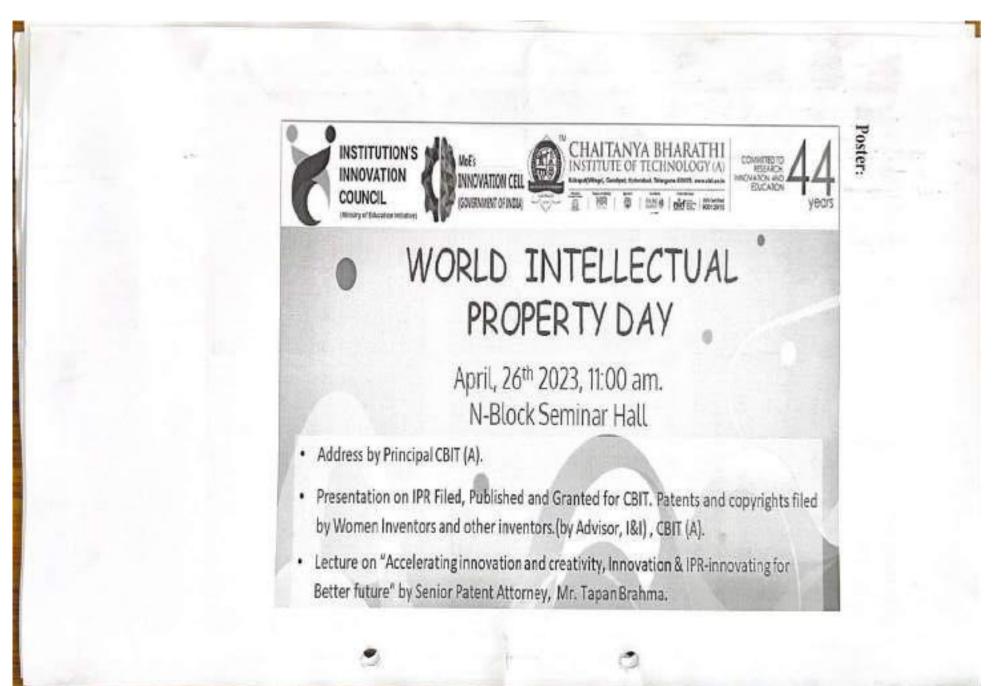
- 1. To promote awareness about patents, copyrights, trademarks, and design
- 2. To identify the criteria for a product/process to be patentable
- 3. Role of intellectual property rights to stimulate innovation and creativity.
- To help younger generation to focus on shifting to a more suitable future by identifying the role of IP

### Learning Outcome of the session:

- 1. Identify and distinguish different forms of IP
- 2. Identify and assess criteria to be met for a particular IP
- 3. Statuary laws available to protect IP
- 4. The role of IP in the development of a country

Number of Students Participated: 199 Number of Faculties Participated: 09 Photographs of the session:





### GPS Map Camera

Gandipet, Telangana, India 98RC+H6W, Kokapet, Gandipet, Telangana 500075, India Lat 17.391525° Long 78.320475° 26/04/23 11:32 AM GMT +05:30

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#### CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) Gandipet, Hyderabad- 500 075 World Intellectual Property Day- 2023 Theme – Women and IP: Accelerating innovation and creativity Organised by Entrepreneurship Development Cell, HC -CBIT 26.04-2023

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### A Report on

### ENTREPRENEURIAL MIND SET FOR PROFESSIONAL SUCCESS

On 10-10-2022

### Organised by EDC, IIC-CBIT

Poster

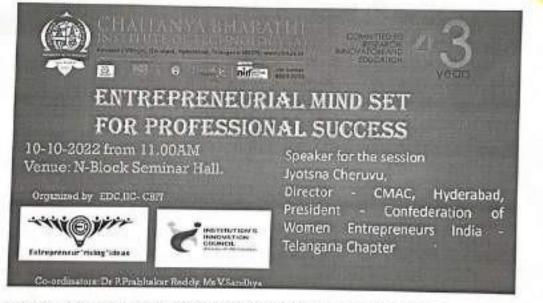
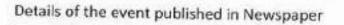


Fig: Poster of ENTREPRENEURIAL MIND SET FOR PROFESSIONAL SUCCESS On 10-10-2022





సిషన్లలో పార్గొన్న ప్రతిరిధులు

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సిషన్లు ఎంతో దోహదపడతాయన్నారు. శైపున్యాంను ఎలా అభివృద్ధి చేచుకోవాలో నిర్పించడం జరుగుతుందన్నారు. స్రీలు అన్ని రంగాల్లో రాజేందాలన్నారు.

వుహిళల అభివృద్ధికి రాష్ట్ర ప్రభుత్వం ఎంతో కృషి చేస్తుందన్నారు. తమకు వర్సె అవకాకాలను సద్వినయోగం చేసుకుంటూ ముందుకు సోగాలని అన్నారు. ఈ కార్యక్రమం లో ప్రోఫిసర్ సి.ప్రధాకరొరెడ్డి, వి.సంధ్య రాధారృష్టప్రసాద్, దార్టర్ నరపారి శాస్త్రి, అధికారులు, సిబ్బంది, విద్యార్థులు తదితరులు పాల్గొన్నారు.

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Fig:Details of the event published in Newspaper

### Circular



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)



### CERCULAR

Dt. 04-10-2022

Chaiterys by a Entrepresentation Development Cell (SDC), CEXT is requisiting a speaker sension on "Entrepresentation and Interestion as Carner Opportunity" on 10-10-2022 from 11.30AM enternets at S-Black Sension Hall.

The openker for the senses is NES -System Chemins, Director - CMAC, Historobart, President - Coeffectuation of Women Enverpements (COWR) (auto -Telangara Chapter, Alumni of Civil Engineering department, (1987)

AE the interested academic and faculty can eitern! the sension. For further information students may contact Dr. P. Problems Heidly, Professor, MID, (0885468253) and Ma. V.Sandigo, Assistant Professor, MED (9701545189).

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Fig : Circular of ENTREPRENEURIAL MIND SET FOR PROFESSIONAL SUCCESS On 10-10-2022

# Brief Profile of the Speaker

Jyotsna Cheruvu : Founder Director- CMAC India Pvt Ltd

President, COWE-Telangana

A Civil Engineering graduate, MBA in HR and a Behavioural Trainer . Jyotsna has more than 2 decades of experience as an Entrepreneur .

Her company, CMAC India is into manufacturing of vertical material handling Construction equipment used for carrying men and material for high rise constructions like construction lifts, housts etc with presence Pan India and Middle east.

CMAC is one of its Kind manufacturing unit in entire Telangana under "MAKE IN INDIA" promotion.

Serving more than 300+ top class Infra and manufacturing companies and working with global partners, she had an experiential learning of what it takes to build successful organizations .

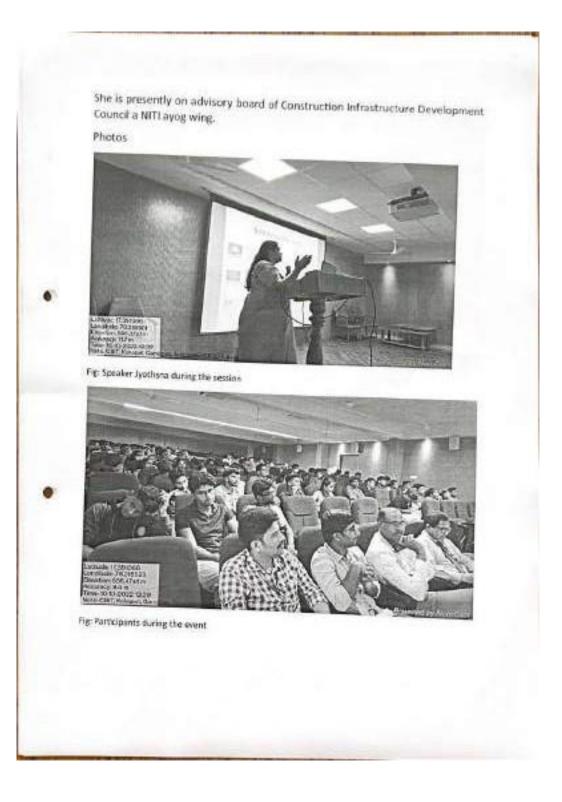
She also works closely with China Building research Academy , Beijing in bringing upgraded technology to meet the material handling needs of Indian Construction Industry.

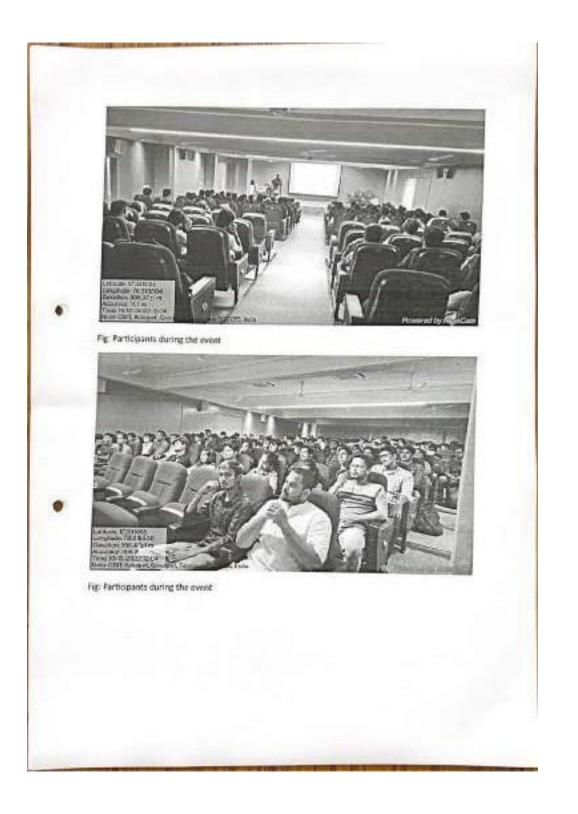
Jyotsna is also associated with Confederation of Women entrepreneurs for last decade holding various management positions.

She is very passionate about promoting entrepreneurship among women and Youth , and is initiator of conducting various workshops and training programs for Entrepreneurship development.

As a guest speaker she interacts with academic institutions in motivating students and also interact with rural women to develop entrepreneur skills as a part of Nation Building activity.

She is awarded the Best Entrepreneur by COWE (Confederation of Women entrepreneurs) for the years 2014 and 2015. And recipient of prestigious VISWA KARMA award for the year 2016







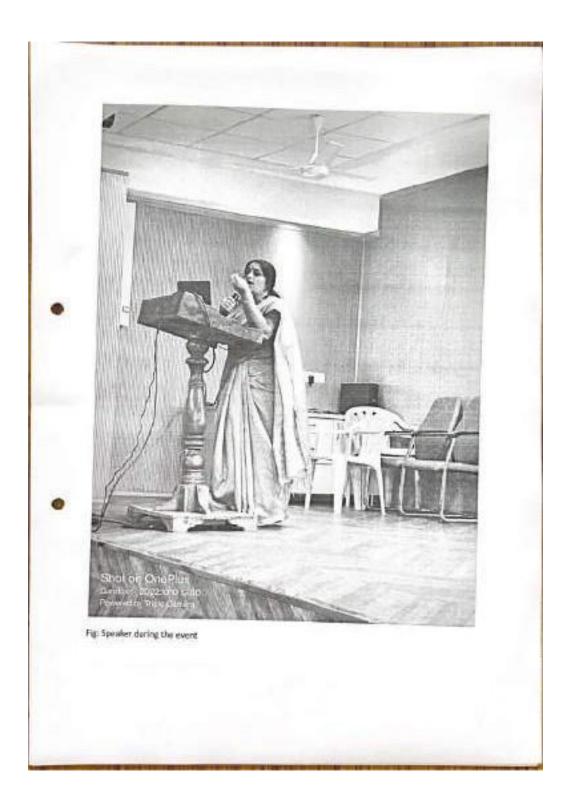




Fig: Parteipants during the event

Objective:

1. Develop and strengthen the entrepreneurial spirit among students

2. To identify the role of innovation in the current scenario

3. Know the pros and cons of being an entrepreneur.

Learnings:

1. Increase of awareness and how to practice the skills and disciplines necessary to increase confidence

2.Develop entrepreneurial and innovative mind set

3. To respond positively and effectively to problems in unfamiliar contexts

No. of Students attended -94

No. of faculty attended - 10

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### Entrepreneurship Development Cell,CBIT

## "Entrepreneurship and Innovation as Career Opportunity"

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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Date: 03-02-2023.

Dr. K. Veera Brahman, Scientist-F, Associate project Director, Advanced Systems Laboratory (DRDO), Kanchanbagh, Hyderabad - 500058.

Dear Sir,

We convey our profound thanks for attending "MECHANICA 2023" (as a part of SUDHEE – 2023 Celebrations) and delivering Keynote address on the topic of "Bio-Degradable Alternative to Plastic".

Our Staff, Student and Participants were ignited and inspired by your talk on this occasion.

We are looking forward to have more and more such fruitful interactions in future also.

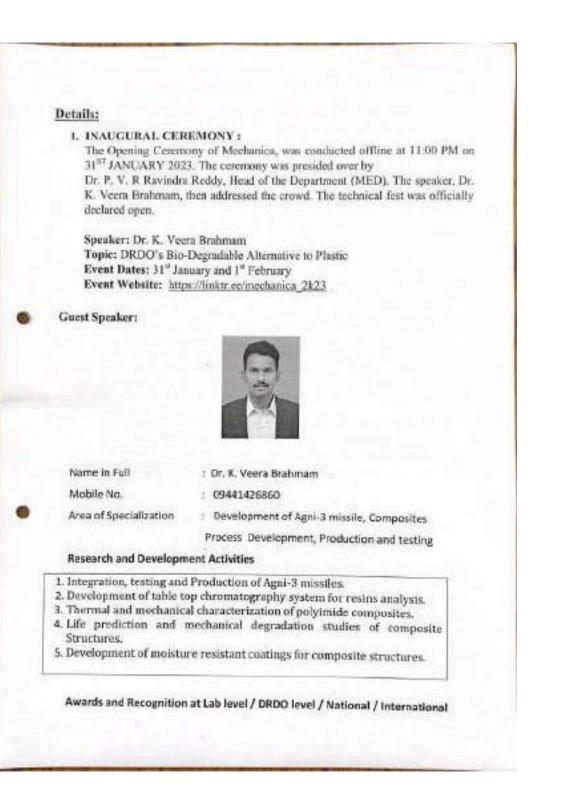
Thanking You,

With Best Regards,

Dr. P.V.R. Ravindra Reddy Hend and Professor Mechanical Engineering Department, CBIT, Hyderabad.

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1	Prof. Bheemsenachar Gold Medal and Award for University FIRST RANK in M.Sc (PHYSICS) for the year 1997 from Sri Venkateswara University, Tirupati in 1997
2	Scientist of the year award from National Environment academy, New Delhi for the year 2014, for Design and development of indigenous non-contact method for cure monitoring of carbon- phenolic shells of Re-entry vehicle structure (RVS) of missiles by gas-chromatography,
3	Best technical Paper award for " Life prediction studies on composite structures", at BITS, Hyderabad, in 2015
4	Best technical Paper award for "Development of non-contact NDE method for cure monitoring of carbon-phenolic Composites by gas-chromatography", at British Institute of NDT, Telford, London with one lakh cash prize in the year 2015
5	" Scientist of the Year award -2021" from Association of Compostable Products in India(ACPI) & Hyderabad Plastics Industries Association
6	He has taken up the name of DRDO to good brights by inventing the biodegradable formulation for " Development of biodegradable bags for replacement of polyethylene bags " which is very useful to mankind and environment against soil and water pollution.
7	He is the receipent of "NAVANAKSHTRA SANMAANAM-2022" from TV9 Network, under Science and Technology field for Innovation of Bio-degradable carry bags for replacement of polyethyelenecarrybags

### 2. PAPER PRESENTATION :

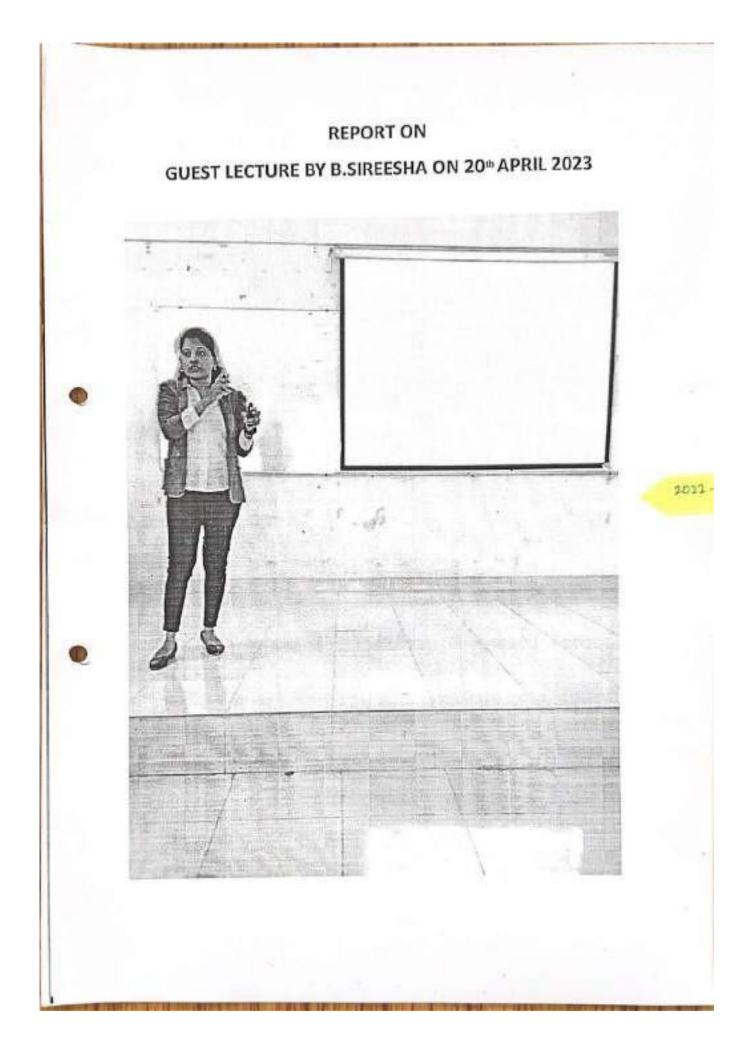
### Description:

It is the platform to vent your ideas in the form of well-integrated and intriguing presentation. It gives a unique opportunity to the youngsters to express and compete in the presence of jury. There are two stages in this event where in the first stage is submission of abstract and the next one is the final round where students must present in front of judges. Evaluation is done by highly qualified judges.











The Mechanical Engineering Department organised a guest lecture on CFD. It was delivered by B.Sireesha working as Assistant Manager, BHEL R&D who is an Alumni of 2010 batch. The title of the Guest Lecture was Computational Fluid Dynamics – Introduction and its Applications. The venue for the program was D-102 and the timings were 10AM to 12PM. During the lecture the speaker highlighted the role and importance of CFD in present day context. The speaker also discussed the industrial application of CFD in various fields like Power Plant Industry and Aerospace. Also some of the case studies related to flow analysis for different types of motors for various Applications were discussed, About 60 students and 10 faculty members attended the session.

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# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) BE VI SEM MECHANICAL F2 SECTION

Guest Lecture on Computation Fluid Dynamics - Introduction & Applications by B. Sireesha

10 Roll No. Name of the Candidate Signature 1601-20-735-061 AFREEN BEGUM Ł 1601-20-736-062 DIVYA SIRIGARI 3. 1601-20-736-063 MOHAMMED SHAGUFTHA chargers 4 1601-20-736-064 MOUNIKA BADAVATH 5 1601-20-736-065 NIKHITHA PUNATI \* hitha 6 1601-20-738-066 PHANITHA BODA witte 7 1601-20-736-067 SATATHA PALETI 8 1601-20-736-068 SATHVIKA EEARLA 9 1601-20-736-069 SHAIK NAUSHEEN FIRDOUZ 10 1501-20-736-070 SOWMYA ISRALGANDI 11 1601-20-738-071 SREENIJA MORUMPALLI 12 1601-20-738-072 SRICHANDANA DUGGYAMPUDI Chandana 13 1601-20-736-073 ABHIRAM REDDY TELAKALA 14 1601-20-738-074 ADITYA SUBBARAO VARUPULA 15 1801-20-738-075 AHMED AQIS 16 1601-20-736-076 ACIB UDDIN SIDDIQUI 17 1601-20-738-077 ARYA BHATTA CHARAN BONGARALA B. Chung 1601-20-735-078 18 BHAVANI SANKAR CHODAVARAPU 19 1601-20-736-079 GIRINATH BHARATHAKAVI 20 1801-20-736-080 JASHWANTH GAJULA 21 1601-20-738-081 KARTHIK ARNAV GUMMADI 22 1601-20-735-082 KARTHIK THUMUGANTI Keether 7 23 1601-20-738-083 KOUSHIK DEVULAPELLY D'Kondult. MANIDEEP DASARI 24 1601-29-738-084 DMad 25 1601-20-738-085 MOHAN RAO SHERI 26 1601-20-736-686 NAGA SAI SRI PRANAV SAGAR GANGU 27 1601-20-736-087 NAGARAJU GOURI 28 1601-20-736-088 NAGASATHWIK SHARMA KASULA 29 1601-20-736-089 NAGAVISHNU ALLAGADDA 30 1601-20-738-090 PRANAY KUMAR ARURI 3ť 1601-20-738-091 PRANEETH RAM KUMMARA 32 1601-20-736-092 PUNNAM CHANDER THATIPAMULA

Date: 20-03-2023

S.No	Roll No.	Name of the Candidate	Signature
33	1661-20-736-093	RISHAD ERRAMILLI	
34	1001-20-736-094	RUTHVIK DEV AKUTHOTA	AR SH
35	1601-20-730-095	SALCHARAN REDDY P	leve hin-
36	1601-20-736-096	SALKIRAN KURMAPU	
37	1601-20-736-097	SALKIRAN REGU	
38	1601-20-738-098	SALKOUSHIC CHINTHAPANDU	C-1-
36	1601-20 736-099	SAI SABAREESH REDDY NEELAM	Seps1
40	1601-20 735-100	SAI SAMANNITH TIRUNAGARI	
41	1601-20-736-101	SANTHA SAWARTH MARINGANTI	
-42	1001-20-735-102		Better
43	1001-20-736-103	SRASHI KIRAN MANKALA	TYL Short thank
44	1001-20-735-104	SHRAVAN KUMAR BAIRI	ghand.
45	1601-20-735-105	SRI HARSHA DEVANAPALLI	Havelan
48	1601-20-738-106	SURESH BANOTH	
47	1601-20-730-108	VAMSHI KUNAR KALYABOINI	
48	1001-20-738-109	VENKATA SALCHANDRA VEERLAPALLY	
49	1601-20-738-110	VENU PUTTA	
50	1601-20-738-111	VIGNESH SURYADEVARA	1000
51	1601-20-736-112	VASHWANTH RAGRAVENDRA REDOV DONTULAPALLY	
52	1601-20-738-307	BHUKYA SAGAR	
53	1601-20-736-308	BANOTH KALYAN	
54	1901-20-735-309	THOTA SHIVA	
55	1601-20-736-310	BINGI UDAY KIRAN	
56	1601-26-736-311	BALAGANI KEERTHI	
57	1601-20-738-312	MALOTH MARESHWAR	
58	1801-20-756-319	THIPPARTHI SUMANTH	
59	1601-20-736-320	NARISETTI JYOTHE JAGADISH	
60	1001-20-730-321	CHARAN SAI OOLI	
51	1001-18-736-310	MOHAMMED ABOUL SHUKUR	

# CHAITANYA BHARATHI INSITUTE OF TECHNOLOGY (AUTONOMOUS) DEPARTMENT OF MECHANICAL ENGINEERING Non - Teaching Training Demo session by faculty from 10 AM to 11 AM ; 2 PM to 3 PM

CONFRUIE .

Sl Number	Date	Торіс	Faculty	Supporting Staff
1	29/3/2023 - FN (10 AM - 11 AM)	Basic awareness on computer, MS Office - Word	Sinci rugan con	Sri N Chandra Sekhar, Sri K Raja Gopal
2	29/3/2023 - AN ( 2PM - 3 PM)	MS Office - Excel	Dr Ch Indira Priyadarshini	Sri N Chandra Sekhar, Sri K Raja Gopal
3	31/3/2023 - FN ( 10 AM - 11 AM)	Auto CAD - Draw and Modify tool bar	Dr P Ramalakshmi	Sri N Chandra Sekhar, Sri K Raja Gopal
	1/3/2023 - AN ( 2 PM to 3 P	Solidworks - Sketch and Feature	Dr P Ramalakshmi	Sri N Chandra Sekhar, Sri K Raja Gopal

Practical exam will be conducted on 31/3/2023 A #3:30Pm

03/2023 Head, MED





# **Department of Information Technology**

Non-Teaching Staff Technical Training Program (NTSTP-2023)

Date: 19<sup>th</sup> June- 30<sup>th</sup> June 2023

Time: 03:00 PM - 04:50 PM

Host Department

## **Department of Information Technology**

Venue: IT Lab3, 'L' Block, First Floor, Department of IT.

# **Program Objective**

In Technical Institutions a student's progress would be complete if all of the facilitators in his immediate environment helped him to succeed academically, practically, and administratively. Therefore, in addition to the teaching staff, non-teaching staff also has a crucial role toplay. It is increasingly necessary and development-oriented for the education industry's partners to include not only the teaching faculty but also the supporting staff for administrative and lab functions. The best results that the college or institution can achieve can only be obtained when training is guaranteed for both teaching and nonteaching staff. Professional development activities should be given to both academic, administrative and Non-Teaching Staff as it should be an on-going process. Each and every nonteaching staff must develop professionally and institution must prepare training and development plan as a part of the performance appraisal. Non-Teaching Staff Training Program will help the Non-Teaching Staff to boost their Confidence and improve their skills to train the students to meet the industry standards at Workplace.

# **Program Outcome**

Upon completing this course, participants will be able to:

1. To understand fundamentals of object-oriented programming paradigm.

- 2. To develop web applications using Servlets and JSP.
- 3. To understand the web application development using MERN Stack.
- 4. To Understand the UNIX architecture and implement the File processing commands.
- 5. To prepare a Latex document, to make scientific article and project report.
- 6. To Design and implement a database using MySQL in cloud platform.
- 7. To understand the processing large datasets in Hadoop framework to solve real world problems.
- 8. To Apply Python for solving basic real world problems.
- 9. To introduce the basic concepts of embedded system and 8051 Microcontroller fundamentals.
- 10. To understand the principles of DevOps.

# **Participants:**

The training program was open to all the Non-Teaching staff of CBIT from different streams and departments. The program was attended by around 35 staff out of 50 registrations.

# **Organizing Committee:**

Convenor: Dr. Rajanikanth Aluvalu, Professor and Head/IT.

## Coordinator: Sri K Rajesh Kannan, Assistant Professor/IT.

### **Resource Persons:**

S.No	Name of the Faculty	Designation		
1	Dr. Rajanikanth Aluvalu	Professor and Head/IT		
2	Dr. B. Veera Jyothi	Associate Professor/IT		
3	Dr. Katta Sugamya	Assistant Professor/IT		
4	Smt. A. Sirisha	Assistant Professor/IT		
5	Sri U SaiRam	Assistant Professor/IT		
6	Sri K Rajesh Kannan	Assistant Professor/IT		
7	Sri R. Sai Venkat	Assistant Professor/IT		
8	Sri R. Sai Venkat	Assistant Professor/IT		
9	Smt. A. Sirisha	Assistant Professor/IT		
10	Sri S V P J Satya Devu	Assistant Professor/IT		

# Non-Teaching Staff Technical Training Program (NTSTP-2023)

			PROGRAM SCHEDULE	
S.N 0	N Date Session		Topics	Faculty In charge
1	19.06.2023	06.2023 SESSION-1 Introduction to Java, Environment Setup & IDE.		Dr. B. Veera Jyothi, Associate Professor/IT
2	20.06.2023	SESSION-2	Java Database Connectivity (JDBC), Web Application Using Servlets.	Sri K Rajesh Kannan, Assistant Professor/IT
3	21.06.2023	SESSION-3	Introduction to Full Stack Web Development. Installation of VS code /MongoDB/Postman/ReactJS/NodeJS.	Sri K Rajesh Kannan, Assistant Professor/IT
4	22.06.2023	SESSION-4	Introduction to UNIX and Shell Programming with Basic Commands.	Sri U Sai Ram, Assistant Professor/IT
5	23.06.2023	SESSION-5	How to Use LaTeX for Technical Writing.	Dr. Rajanikanth Aluvalu , Professor and Head/IT
6	24.06.2023	SESSION-6	Introduction to Database Management System/ MySQL/Oracle Installation	Smt. A. Sirisha, Assistant Professor/IT
7	26.06.2023	SESSION-7	Introduction to BigData and Required tools Installation.	Smt KH Vijaya Kumari, Assistant Professor/IT
8	27.06.2023	SESSION-8	Python for beginners.	Sri R. Sai Venkat, Assistant Professor/IT Sri G. Srikanth, Assistant Professor/IT
9	28.06.2023	SESSION-9	Tools and Technologies for ES & IoT Lab.	Dr. Katta Sugamya, Assistant Professor/IT
10	30.06.2023	SESSION- 10	Introduction to DevOps Tools and GitHub.	Sri S V P J Satya Devu, Assistant Professor/IT

# **Program Schedule:**

# **PROGRAM SCHEDULE**

S.No	Date	Session	Topics
1	19.06.2023	SESSION-1	Introduction to Java, Environment Setup & IDE.
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8	27.06.2023	SESSION-8	Python for beginners.
9	28.06.2023	SESSION-9	Tools and Technologies for ES & IoT Lab.
10	30.06.2023	SESSION-10	Introduction to DevOps Tools and GitHub.







# **Press Release:**

# ముగిసిన బోధనేతర సిబ్బంబ శిక్షణా శిజరం

దక్షిణాది (పరినిది, హైదరాబాద్ 03 జాలై : హైదరాబాద్ సిబిబిటి కళాశాల ఇప్పర్మేషన్ బెక్నాలజీ విభాగం గత నెం 19 నుండి జాలై 05 వరకు పది రోజుల బోధవేతర సిబ్బందికి శిక్రభాశివిరం నిర్చహించింది కళాశాల లోని మమారు గా 50 చుంది బోధవేతర సిబ్బంది ఈ అవకాశం బివిదాగించుకొన్నారని కార్యకమ నమన్నదుకర్త 8 రాజీష్ కన్నన్ తెరిపారు. కార్యక్రమ కస్తేనర్ ప్రొఫెనర్ అలువాలు రజనీతాంక్ మాట్లాదుతూ ఫుల్ స్టాక్ పెబ్ దెవలమైపెంట్, పైథాన్ పోగ్రామింగ్, చెపోష్ టూల్స్ పై హ్యాండ్-అన్ ఎక్మోబీరియన్స్ ద్వారా శిక్రణ అబ్రాటుగి తెరిపారు. ఈ శిక్రణ కార్యకమంలో ప్రోఫెనర్ 8 రామకృష్ణ, బాక్టర్ బి బిర క్యాతి, బాక్టర్ 8 మగమ్మా, శ్రీమతి ఎ కరీష, య సాయి రామ్, అర్ పోయి వెంకట్, జి శ్రీకాంర్, శ్రీమతి ఎ కరీష, య సాయి రామ్, అర్ సాయి వెంకట్, జి శ్రీకాంర్, శ్రీమతి ఎ సిబ్బంది పాల్గొన్నారు.



# ಸಿಜಐಐಬಿಲಿಕೆ ಮುಗಿಸಿನೆ.. ಬಿಕೆಧನೆತೆರೆ ಸಿಬ್ಬಂಐ ಕಾರ್ೈಕಾಲ

గండిపట జాల్లి 3 (నేడు ప్రతిపిభ) హైదరాబాద్ గండిపేటలోని సిబిబలి కళాశాల అన్ఫర్మేషన్ టెక్నాలజీ విభాగం గత 10 రోజులుగా జోధనేతర సిబ్బందికి నిర్వహించిన కార్యశాల ఘనంగా ముగిసింది. గత 3ల 19 నుండి జాల్లె 03 వరకు పది రోజుల బోధనేతర సిబ్బందికి నిర్వహించిన కార్యశాలలో కళాశాల లోని సుమారు 50 ముంది బోధనేతర సిబ్బంది ఈ



అవకాశం వినియోగించుకొన్నారు. ఈ విషయాన్ని కార్యక్రమ సమస్యేదకర్తగా కె. రాజేష్ కన్నన్ సోమవారం తెలిపారు. కార్యశాల కార్యకమ కన్నీపర్ (పౌఫెసర్ అలువాలు రజనీకాంత్ మాట్లాడుతూ.. ఫుల్ స్పెక్ వెబ్ డెవలపెమెంట్, పైథాన్ (పోగ్రామింగ్, డెహెఫ్స్ టూల్స్ పై వ్యాంద్–అన్ ఎక్సేపీరియన్స్ ద్వారా శిక్షణ ఇచ్చామని వెల్లడించారు. ఈ శిక్షణ కార్యక్రమంలో (ప్రొఫెసర్ కె. రామకృష్ణ, దాక్షర్ బి. వీర క్యారి, దాక్షర్ కె. సుగమ్య, ఎ. శిరీష, య సాయి రామ్, ఆర్. సాయి వెంకట్, జి. (జీకాంత్, కె.హెచ్, విజయ కుమారి, ఎస్.వి.ఓ.జి.సత్తలేద, రాకేష్ సలకావురి . ఇతర సిల్బంది పాల్గొన్నారు.

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# ముగిసిన బోధనేతర **సిబ్జంబి కార్వశాల**

# రాజేంద్రవగర్ టైమ్మ్

గండిపేట్లోని చైతన్య భారతీ ఇన్నిటిట్యాట్ అఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీలో ఇన్న ర్మేషన్ టెక్నాలజీ విభాగం అధ్వర్యంలో గత నెల 19వ తేదీ నుంచి జూలై 3వ తేదీ పరకు పది రోజుల పాటు బోధనేతర సిబ్బందికి కార్యశాలను నిర్మహించారు. కళాశాలలోని సుమారు 50 మంది బోధనేతర సిబ్బంది ఈ కార్యకమంలో పాల్గొన్నారు. సమన్యయక ర్తగా కె రాజేష్ కన్నన్ వ్యవహరించారు. సోమనారం ముగింప కార్యకమాన్ని నిర్వహిం చారు. ఈ సందర్భంగా కన్నీనర్ ప్రోఫెనర్ అలువాలు రజనీకాంత్ మాట్లాదుతూ పుల్ స్టాక్ వెబ్ దెవలప్ మెంట్, పైథాన్ ప్రోగామింగ్, దెహోప్స్ టూల్ స్ప్రేమ్లోండ్ -అన్ ఎక్ స్టేఫీ రియన్న్ ద్వారా శిక్షన ఇచ్చామన్నారు. ఈ శిక్షణ కార్యక్రమంలో ప్రోఫెనర్ కె.రామకృష్ణ, దాక్టర్ బి వీరణ్యేతి, దాక్టర్ కె సుగమ్య, ఎ. శిరీష, సాయిరామ్, ఆర్ సాయివెంకట్, జి శ్రీ కాంత్, కె.హెచ్ విజయకుమారి, ఎస్.వి.పి.జెనత్యదేవ, రాకేష్ తది తరులు పాల్గొన్నారు.



Coordinator

**HOD-IT** 





### A Report on

Management Development Program on "Analytics Data Driven Decision Making" during 13<sup>th</sup> to 17<sup>th</sup> March 2023, Sponsored by DC MSME and NI MSME Organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology(A).

The Convener for the MDP - Dr. Rajanikanth Aluvalu, Professor & Head of IT Department.

The coordinator for the MDP - Dr. P.Ramesh Babu, Associate Profesor, IT Department.

The co-coordinator for the MDP - Mr. S.Rakesh, Assistant Professor, IT Department.

### Banner used for MDP



### **Publicity for MDP in Media**



కళాశాల పి ఆర్ ఓ దాక్షర్ జి ఎన్ ఆర్ ప్రసాద్ తెలిపారు.

### **Brochure Used for Publicity**

### ABOUT THE WORKSHOP

Data analytics is the science of arrespecting bast, anonara of comptex date to make accord decisions. The MN in data analytics focuses on developing and applying data mulpics shills to fulfil significant needs in the business community. The program provides a sering framhdran in data analytics by bringing together selimit techniques from statistics, mathematics, computer mathematics is resulted obstatistic context. company account. and

### TOPICS

- Frombrings of Dybers, Los. Topic, Str. Theorem, Openie of Samb Technique MSME Sciences MSME Sciences \*
- Introduction to Basic Statistics Data Visualization Introduction Machine Learning \*
- Instatement Instatement Use Case
- Manufe for register Regelation of Introduction to Tint Apphaes

### RESOURCE PERSONS

The sessions will be baseled by experts from assimus, research (regard totions and laskerry in the subject area.

### TLIGHNULDY.

The facility earnings of the AFCTE approval institutions, Industry (Burgarants / Todakistan Participants from Industry stu is and staff of host loost things

### Address for Correspondence:

The reardinator,

and To Choiseyya Huanth Latitute of Taxbaid orget A1.

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### Chief Patrice ini, N. Indush, President, CHIT.

Pairse

Dr. P. Bastador Raddy, Principal, CBIT.

- Dr. Rapeztanth Abrysta, Head, Deptof III, CBIT,
  - .....
- Dr.P. Easterds halts: Associate Professor, Dept. of IT, CBIT: Manala 9297580078

Cu-Coordinator Mr. S. Kokosh, Acat. Professor, Dags. of IT, CDCT Mobile 9931307356

### Advisory Members

Prof. Unstantis Chemithery, Discourt & LUHIT Prof. Sarma A.D. Director-ReD, CHIT . Pool: Krishna Veni K. Director: Academ a com Prof. Sansh Publicity, Director ALC, CBIT Fred: Kenneksense Bas N.V. Director RNAC, CHIT Prof. Swamy Diss M, Joint Director Academics, CBIT Prof. Matieus Mohana R. Associate Director IQAC, CHIP Sta Swapas, IPFC

Mr. Sume Prokash Gend, N. NSME

### Organizing Committee

Dr. Baraularishus Kolikepuga, Professor, Dept of II, CBIT Dr. M.Venu Gapulachen, Assoc Professor, Dept of II,

- CHIT Dr. B. Vanne Iyathi, Annae Professor, DeptaTIT, CDIT
- Dr. R.M.Reishna Suredali, Assoc Perfessor, Dept of 11, COLT
- Dr. T. Satyanamyana Murilay, Assoc Professor, Bept of TT,
- CHIT
- Dr. Ramer Kuchanali, Assess Professor, Dupt of JT, CHET
- Dr. S. Safagyan, Assoc Prefessor, Bept eff.T, CHIT



### ABOUT THE INSTITUTE.

Chaitenya Béasathi fastrinasi of Tachaology is one of the premier Engeneering Callinges in the solf-financing surgery in the state of Telangues established in the pea-1979. The college office 9 CG and 10 PG Programmes The Instance has become Automations ander UGC with f 2013-14. UG Programmes are accordinal by SIRA in the your 1988, 2004, 2008, 2013, 2017, 2022 and live PG Programman have been accounted the NBIA in 2020. The Institute is accepted by NAAC with COPA of 3.11 m niven point scale at 'A' grade in 2017 for live your CHIT tacked 166 in Engineering Cotegory ander National Instructional Banking Francework (NIRF), Cover. of India, MHBD. The College Compan is spread action 30 air Total research grant societed from various fanding agences is alway Hulls? Except and Consultance works carried out are of worth Rs. 25 Crores.

### ABOUT THE DEPARTMENT

The Department of Information Technology started with III. (TD Progenizence in the analysis: year 2000.01 with an intake of 40. The intake movemed to 120 widd 2003-16. and 110 w.o.f. 2018-2019. The dopartment has don'there offering a PG Programme, M.Toch with specialization in Conjuster Serverki and Information Security (CSIII) w.c.1 2013-14. The Under Graduate program has been accepting three by National Board of Acceptington (NRA) in 2008, 2012, 2017 and 2022. The relation of the Department is to separe state-of-the-art value based minutions in the field of Information Technology, The department has six Ph.D. Soully The strong scadeonic programs, haved on theoretical and practical haveledge. match well with the regardrownets and demands of the indusiry. The process of trading learning adopted by car facely, angure knowledge, behavior and skills that develops horning usige in stations. Our materia hove

teen placed in top MWCy firstuph computereester and are excelling in their professional carrier Apart from the controllars, opportunities are provided to analysis by smass of micrositys or efficie hands on asymptotic interfactorial working anternational languages entous are numbered with indusity imports or provide the perfectional perforce for our pitolents. Our faculty are activity involved in research and publishing in instructional and national journals, providing papers at and some latest same result of . Section.

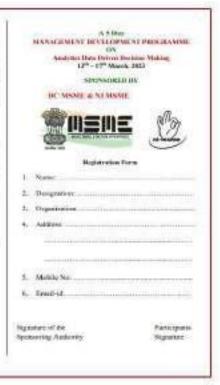
### **GUIDELINES**

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### No Registration Fee

### Registration Link

https://fatting.gle/Togl.aCDNaGo/SZMball-



# Schedule of MDP

MANAGEMENT DEVELOPMENT PROGRAMME on Analytics Data Driven Decision Making 13<sup>th</sup> – 17<sup>th</sup> March, 2023 (Tentative Programme Schedule)

Day/Date	Session	Topic	Venue	Mode	Faculty Name
	9.45 AM-10.00 AM	Inauguration	N-Block Seminar Hall	Offline	Dr. P. Ravinder Reddy Principal, CBIT
Monday 13/03/2023	10:00 AM -11:00 AM	Foundations of Python-List, Tuple, Set, Dictionary, Operations	IT Lab 6	Offline	Dr. R. M.Krishna Sureddi Associate Professor, CBIT
	11:30 AM -1:00 PM	Hands on List and Tuples	II Lab 6	Offline	Mr. K. Gangadhara Rao, Assistant Professor, CBIT
	02:00 PM -3:30 PM	MSME Schemes	II Lab 6	Offline	MSME Experts
	03:30 PM -5:00 PM	Institutional Support	IT Lab 6	Offline	Dr. Uma Kanta Choudhur Director I&I, CBIT
Tuesday 14/03/2023	10:00 AM +11:30 AM	Hands on set, Dictionary and Operations	IT Lab 6	Offline	Dr. K. Rama Krishna Professor, CBIT
	11:30 AM -1:00 PM	Introduction to Basic Statistics	IT Lab 6	Offline	Prof. Animani Pagadala Senior Associate Professor & Program Director, Business Analytics, NICMAR, Hyderabad
	02:00 PM -3:30 PM	Hands on Statistics	II Lab 6	Offline	
	03:30 PM -5:00 PM	Data Clearing and Data Pre- Processing	IT Lab 6	Offline	Dr. Madana Mohana R, Professor & Associate Director, IQAC, CBIT
Wednesday 15/03/2023	10:00 AM -11:30 AM	Data Visualization	Online	Online	Mrs. S. Shoba Rani, Assistant Professor, CBIT
	11:30 AM -1:00 PM	Introduction to Machine Learning	Online	Online	Dr. T. Satyanarayana Murthy Associate Professor, CBIT
	02:00 PM -3:30 PM	Associative Learning - Use Case	Online	Online	Dr. M. Venugopala Chari Associate Professor, CBIT
	03:30 PM -5:00 PM	Introduction to Logistic Regression	Online	Online	Dr. Ramu Kuchipudi Associate Professor, CBIT
Thursday 16/03/2023	10:00 AM -11:30 AM	Hands on logistic Regression	Online	Online	Dr. Ramu Kachipudi Associate Professor, CBIT
	11:30 AM -1:00 PM		Online	Online	
	02:00 PM -3:36 PM	Introduction to Decision Tree and Random Forest	Online	Online	Dr. T. Satyanarayana Murthy Associate Professor, CBIT
	03:30 PM -5:00 PM	Hands on Decision Tree and Random Forest	Online	Online	

Friday 17/03/2023	10:00 AM -11:30 AM	Introduction to Text Analytics	IT Lab 6	Offline	Dr. A. Rajanikanth Professor & Head, IT Dept., CBIT
	11:30 AM -1:00 PM	Hands on Text Analytics	IT Lab 6	Offline	
	02:00 PM -3:30 PM	Feedback	IT Lab 6	Offline	— Mr. S. Rakesh Assistant Professor, CBIT
	03:30 PM -5:00 PM	Valedictory	N-Block Seminar Hall	Offline	

#### **Brief Report of MDP**

Day 1- It started with Inaugural session followed by a session on MSME schemes explained by Mr. Surya Prakash Goud Sir, MSME expert.

The AN session was started by Dr.R.M.Krishna sureddi sir, and continued by MR.K.Gangadhara rao sir on "Introduction to Python Concepts".







Gandipet, Telangana, India L BLOCK, CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, CBIT Rd Number 5, Kokapet, Gandipet, Telangana 500075, India Lat 17.391273\* Long 78.318453\* 13/03/23 11:16 AM GMT +05:30

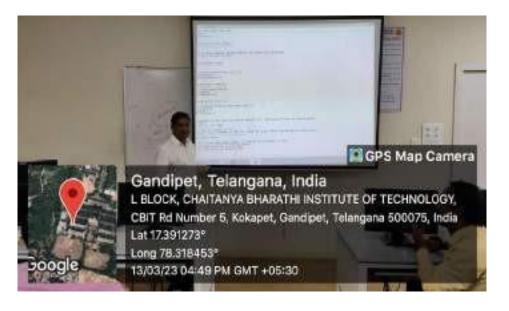


Google



Gandipet, Telangana, India L BLOCK, CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, CBIT Rd Number 5, Kokapet, Gandipet, Telangana 500075, India Lat 17.391312° Long 78.318466°

GPS Map Camera



Google

Day 2- This session started with Prof.Ramakrishna Kolikipogu sir providing hands-on experience on python concepts followed by Dr. Ammani Pagadala madam, NICMAR, Hyderabad giving an exposure on "Introduction to Statistics" theoretically and practically. The day 2 ended with session of Prof. R.Madana Mohana sir on "Data Cleaning and Data Preprocessing".

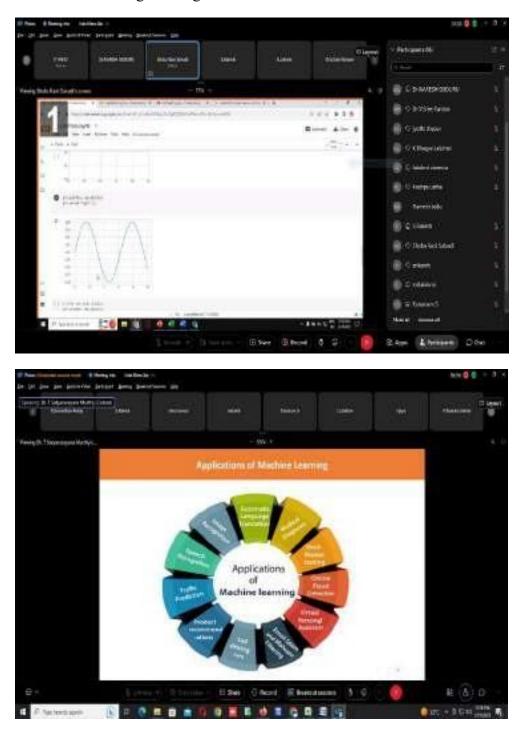


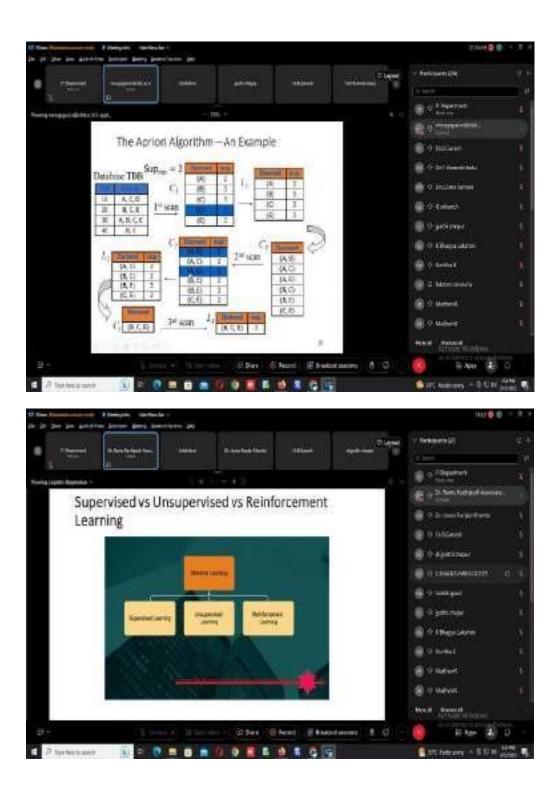




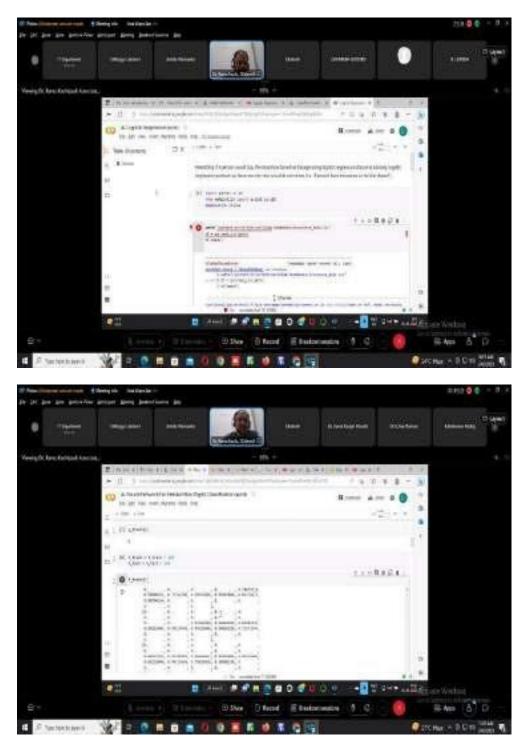


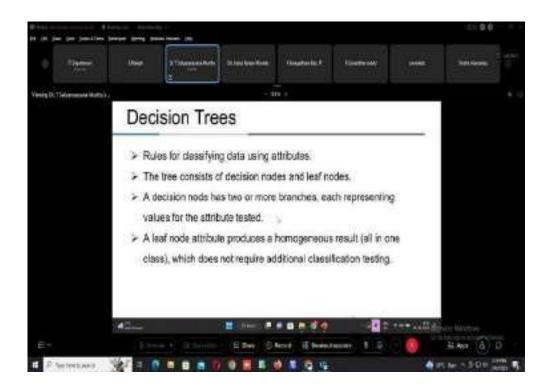
Day 3- Mrs S. Shoba Rani madam gave detailed exposure on "Data Visualization" and Dr.T.Satya Narayanamurthy sir explained "Introduction to ML". AN session started by Dr.M.Venu Gopalachari sir on "Associate Learning-Use case" followed by Dr. Ramu Kuchipudi sir explained about the "Introduction to Logistic Regression".

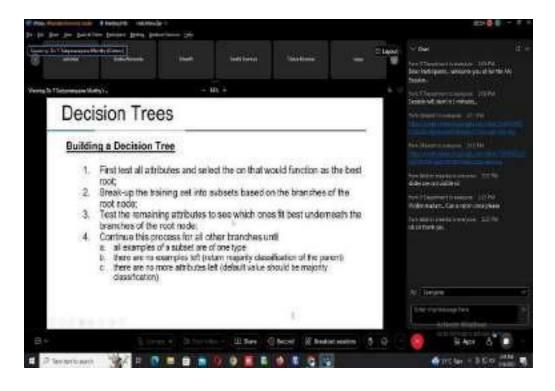




Day 4- This session was continued by Dr.Ramu Kuchipudi sir with hands-on experience on "Logistic Regression" and continued by Dr.T.Satya Narayana murthy sir on "Introduction to Decision tree and Random Forest".



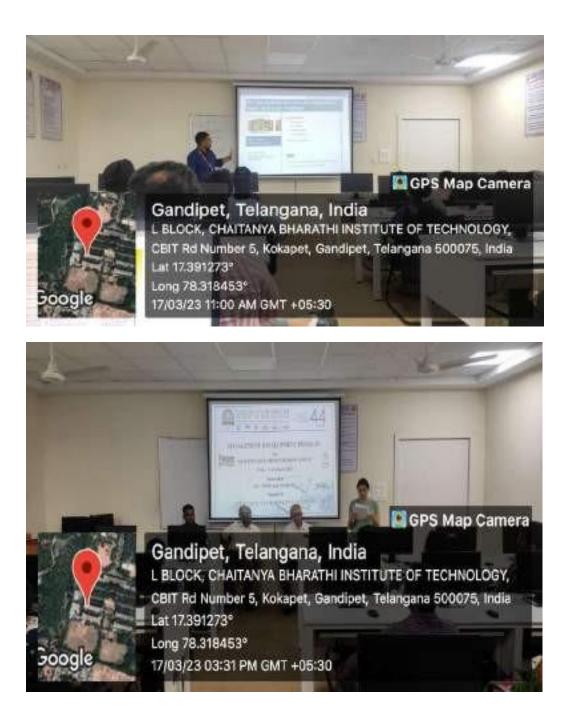




Day 5- this session was taken by Professor and Head of IT Departement, Dr Rajanikanth Aluvalu sir on "Introduction to Text Analytics" and provided hands-on experience. AN Session MDP coordinator S.Rakesh taken feedback from all the participants followed by Valedictory Session was conducted. The chief guests for Valedictory session are Prof. P.Ravinder Reddy, Pricipal, CBIT, Prof.U.K. Chowdhary, Director I&I, CBIT and Prof. Rajanikanth Aluvalu, Head of IT Department & Convenor-MDP. In the Valedictory session a brief report of MDP is presented to the participants followed by Appreciation Letters and Mementos presented to the all Internal Resource Persons, coordinators by Chief Guests.





























We received more than 75 registrations and confirmed 45 participants from various institutes like BVRIT, Sreyas, MGIT Hyderabad and RGMCET Nandyal, Annamacharya Rajampet etc.





#### Media Coverage After Completion of MDP

25



సిబ్బంది పాల్లో న్నారు.

(పజావినికిడి,(మెహదీపట్నం): డిసి ఎమ్ఎస్ఎమ్ఈ మరియు యెన్ఐ ఎమ్ఎస్ఎమ్ఈ స్పాన్సర్డ్ చేసిన సి బి ఐ టి -ఇన్ఫర్మేషన్ టెక్నాలజీ విభాగ అధ్వర్యం లో గత వారం రోజులు గా జరుగుతున్న సమాచార ఆధారిత నిర్ణయాలు మరియు విశ్లేషణలు నిర్వహణ అభివృద్ధి కార్యక్రమం శుక్రవారం రోజు తో ముగిసినది.ఈ సందర్భం గా కళాశాల ప్రిన్నిపల్ (ప్రొఫెసర్ పి.రవీందర్ రెడ్డి మాట్లాడుతూ ఈ శిక్షణ కార్యక్రమంనికి తెలంగాణాలో గల වඩරේනසී,ල්රාත්රි , ఎංසිනසී,පෞත් පෙරුණුස්රි ඒ රජ පෙරිබංගණසී అన్నమాచార్య ఇంజనీరింగ్ కాలేజీ అధ్యాపకులు హాజరైనారు అని తెలిపారు. కార్యక్రమం లో ఎంఎస్ఎంఈ పథకాల గురుంచి నిపుణుడు (శ్రీ సూర్య ప్రకాష్ గౌడ్ వివరించారు.ఈ కార్యక్రమ కన్వీనర్ ప్రొఫెసర్ అలువాలు రజనీకాంత్ మాట్లాదుతూ పైథాన్ ప్రోగ్రామింగ్, డేటా విజువలైజేషన్,మెషిన్ లెర్నింగ్, అస్పోసియేటివ్ లెర్నింగ్,లాజిస్టిక్ రిగ్రాషన్, డెసిషన్ జ్రీ మరియు టెక్న్ అనలిటిక్స్ మొదలగు అంశాలు మీద థియరీ మరియు ప్రాక్టికల్ సెషన్స్ ధ్వారా శిక్షణ ఇచ్చాము అని చెప్పారు. ఈ శిక్షణ కార్యక్రమానికి కోఆర్డినేటర్స్ గా దాక్టర్ పి రమేష్ బాబు అలాగే ఎస్ రాకేష్ వ్యహరించారు. ఈ కార్యక్రమంలో బ్రాఫెసర్ కె రామకృష్ణ, బ్రాఫెసర్ ఉమాకాంత చౌదరి.డి. జయరామ్,కె. గంగాధరావు,డాక్టర్ మధన్ మోహన్, ఇతర సిబ్బంది పాల్గొన్నారు.



ఘనం గా ముగిసిన సమాచార ఆధాలిత నిర్ణయాలు విశ్లేషణలు శిక్షణ కార్యక్రమం..

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ఘనం గా ముగిసిన సమాచార ఆధాలత నిర్ణయాలు మలియు విశ్లేషణలు శిక్షణ కార్యక్రమం



తెక్టర శకం హైదరాణాద్ , మార్ల 17: దీసి ఎమ్ఎస్ఎమ్ఈ మరియు యొనేక ఎమ్ఎస్ఎమేఈ స్పార్సర్ల్ చేసిన సి బి ల లి – ఇప్పర్మేషన్ చెర్నాలలే విధాగ అధ్యంలో గత దారంరోజులు గాజరుగుతున్న సమాచార అధారిత ມ້ຮູ້ແກ້ຈະ ສິ່ງຊື່ເລີ້ອນ ມີຊື່ເລື່ອນ ມີດີຮູ້ເກົາ ອຣີສູ່ເຊື່ ອາດັ່ງຮູ້ສິນດ ສະຊຸມກາດ తో ముగిసాయి. ఈ సందర్భం గా రళాశాల శ్రుభ్రవల్ ప్రోఫెనర్ ఓ రవీందర్ రెడ్డి మాట్లాడుతూ ఈ రిక్షణ రార్యక్రముంనికి తెలంగాణాలో గల బీబిఆర్ఐట్ . ල්කාම් , බංජනයි , නාර්තා ඉදෙදුමුරිම් ඒ එන ඉදිබාන්නයි , හේදුකාපතිදු අපයේජියර් ගතිස් පෞදුවණාහා ප්රේෂිතාවා හට මට්ටාරා. ఈ కార్యక్రమం లో ఎంఎక్ఎంఈ పథకాల గురుంది నిష్టణుడు (కి మార్క బ్రహాష్ గౌడ్ గా విశరించారు . ఈ రార్పక్రమ కష్యీనర్ ప్రాఫెనర్ అలురాలు రజనీరాంత్ మాటాడుతూ పైథాన్ బ్రోగ్రామింగ్, దేటా విజావలైజేషన్, మెటన్ లెట్టంగ్, అస్పోసియేటిక్ లెట్టలగ్, లాజిఫ్రిక్ రెగ్రెషన్, దెసిషన్ (ల్లీ మరియు టెక్ని అనలెటిర్స్ మొదలగు అంశాలు మీద థియిరీ మరియు ప్రాక్టికల్ సెఎన్స్ థ్యారా శిషణ ఇట్రాడు ఆధి చెప్పారు. ఈ శిక్షణ రాధ్యవమానికి పోతర్లినేటర్స్ గా రాక్టర్ ఓ రమేష్ బాబు మరియు ఎప్ రాకేష్ వ్యవారించారు. ఈ రార్యకమంలో భాఫెసర్ 5 రామకృష్ణ, భాఫెసర్ ఉదురాంత దొదరి, శ్రీ ది జయరామి. 👌 కే గంగాథరావు, రాక్టర్ మరన్ మోహన్, ఇతర మిబృంది and trongers

#### CBIT organized a 5 Day MDP on "Analytics Data Driven Decision Making"



DECCAN NEWS S DRVICE HYDERABAD

Department of IT, CBIT orannexed a 5 Day MEP on "Analytics Data Driven Decision Making" Sponsored by Ni-MSMU during 10th March to 17th march 2023 concluded On this occasion, College Principal Professor P Ray inder Reddy sold that the staff of HVRRT, Shreyas, MGIT in Telangaria and ROMCET and Arministiciarya. Engineering Collage in Andhra Profesh attended the training program. In this program an expert Mr. Surya. Putkask. Goud explained about MSME schemme, Convenuer of this program Professor Alavalu Replitikanth said thet we here given training through theory and peached) sessions on topics like Python programming, data visualization, machine harming, associative learning, logistic regression, decision tree and text analytics. Dr. P, Remesh Bahu and S, Rekesh were the coordinators of this training program. Prof. K Ramakrishna, Prof. Unakana Chaudhary, Mr. D. Jayaram, Mr. K. Gangadha Ran, Dr. Mathan Mohan and other shaff participated in this program. Participant Code: 2023/29292/142799 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BHAI	RATHI INSTITUTE	OF TECHNOLOGY, GANDIPET
Implementing agency:			Medium Enterprises - NI-MSME
Name of the Participant:			r. GEEDIKANTI KISHTAIAH
Topic:		ven Decision Making	
Programme Start Date:	13/03/2023 Progra	mme End Date: 17/03	/2023
1. From where you got the	information about this p	rogramme?	
(a) Pamphlet / Brochure		(b) Newspaper Adv	ertisement
(c) Posters/ Hand Bills		(d) Other (Please Sp	pecify) $(CBIT)$
2. What is your opinion ab	out the duration of Progr	amme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Trainin	g Content useful?		
(a) Very much	(b) To some extent	(c) Not useful	
4. How did you rate the rel	ference/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How-did you rate the fac	culties of the progamme?	e.	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progan	nme fulfill your expectation	ions/requirements?	
(a) Yes	(b) To some extent	(c) No	
7. How did you rate the ov	erall arrangements of the	e Programme?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to u Pole analyfic it. 9. Overall Satisfaction lev	tilize the progamme to b a pawer ful food the By Collecting on el on the scale of I to 10	come an entrepreneu Grand Grand Malp g ano ysing of 10	ain insights into automer Lehov ata from vouione sources like sak data, automer feedbast etc.
10. Any Remarks/Suggest	ions, if any: [Jsr [Jsr]	m their decision	in insignts into autorer below to frothe various sources like sate data, automer feedback etc. Entergreneum will be there to ion making process. & adjust their accordings.

Name & Signature. of the Participant

G. SRIKANTH 12/2/23

Name & Signature of the Coordinator Seal with name and Designation ioch

#### Participant Code: 2023/29292/142804 Date: 17-03-2023

## Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location	HYDERABAI
Venue :	CHAITANYA BI	IARATHI INSTITUTI	OF TECHNOLOGY, GA	NDIPET
Implementing agency:			Medium Enterprises - NI-P	
Name of the Participant:			LATE B CHINNASWAM	
Topie:		Driven Decision Makin		
Programme Start Date:	13/03/2023 Pro	gramme End Date: 17/03	3/2023	
1. From where you got the	information about thi	s programme?		
(a) Pamphlet / Brochure		(b) Newspaper Adv	retisement	
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)	
2. What is your opinion ab	out the duration of Pro	gramme?		
(a) Short	(c) Long	(6) Adequate		
3. Did you find the Trainin	g Content useful?			
(a) Very much	(b) To some exten	(c) Not useful		
4. How did you rate the rel	erence/study material	?		
(a) Excellent	(6) Good	(c) Satisfactory	(d) Not usefull	
5. How did you rate the fac	ulties of the progamm	ie?		
(a) Excellent	V(6) Good	(c) Satisfactory	(d) Poor	8
6. Did this training progam	me fulfill your expect	ations/requirements?		
Var Yes	(b) To some extent	(c) No		
7. How did you rate the ow	erall arrangements of	he Programme?		
(a) Excellent	u(t) Good	(c) Satisfactory	(d) Poor	
8. How are you going to ut	ilize the progamme to	become an entrepreneur	?	

9. Overall Satisfaction level on the scale of 1 to 10: 8

10. Any Remarks/Suggestions, if any:

Name & Signature of the Participant B. Lokesh

		225 (1628-571 (2627)	ode: 2023/29292/142811 Date: 17-03-2023
	Office of the Dev	elopment Commiss	ioner (MSME)
	(Ministry of Mic	ro, Small and Medium	n Enterprises)
ESDI	PROGRAMME	PARTICIPANT	FEED BACK FORM
Programme Name:	29292/MDP		Location : HYDERABAD
Venue :			E OF TECHNOLOGY, GANDIPET
Implementing agency;			Medium Enterprises - NI-MSME
Name of the Participant:	Mr. RUDROJU S.	AI VENKAT S/0. Mr.	RUDROJU DEVENDER CHARY
Topic:	Analytics - Data I	riven Decision Makin	g
Programme Start Date:	13/03/2023 Prog	ramme End Date: 17/03	3/2023
1. From where you got the	information about this	programme?	
<ul><li>(a) Pamphlet / Brochure</li><li>(c) Posters/ Hand Bills</li></ul>		(b) Newspaper Adv (d) Other (Please S	
2. What is your opinion ab	out the duration of Pro	gramme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Trainin	g Content useful?		
Yay Very much	(b) To some extent	(c) Not useful	
4. How did you rate the ref	erence/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fac	ulties of the progamm	e7	
t (a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progam	me fulfill your expecta	tions/requirements?	
Clay Yes	(b) To some extent	(c) No	
7. How did you rate the over	erall arrangements of the	he Programme?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to ut pole cinchitis in behaviour. By c 9. Overall Satisfaction leve	ilize the progamme to l powerful of collections L and I on the scale of 1 to 1	become an entrepreneur for that can he cystrage data for 0: 10 data, cus	to in goin indiged into customer tomer feedback etc.
10. Any Remarks/Suggestin		fo make the strategies,	will be use they Exterpreprese

Name & Signature. of the Participant

R. Sai Venkat

Participant Code: 2023/29292/142816 Date: 1543-2123

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

# ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BH	ARATHI INSTITUT	E OF TECHNOLOGY, GANDIPET
Implementing agency:	National Institute	for Micro, Small and	Medium Enterprises - NI-MSME
Name of the Participant:	Mr. S TULASI RA	M Sie. Mr. SSAME	BASIVA RAJU
Topic:	Analytics - Data D	riven Decision Maki	-6
Programme Start Date:	13/03/2023 Prog	ramme End Date: 17/0	13/2023
1. From where you got the	information about this	programme?	
(a) Pamphlet / Brochure ~		(b) Newspaper Ad	Verlisement
(c) Posters' Hand Bills		(d) Other (Please S	
2. What is your opinion ab	out the duration of Prog	rame?	
(a) Short	(c) Long	(b) Adequate	-
3. Did you find the Training	content useful?		
(a) Very much 🗸	(b) To some extent	(c) Not useful	
4. How did you rate the refi	arence/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fact	ulties of the progamme	2	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progame	ne fulfill your expectat	ions/requirements?	
(a) Yes	(b) To some extent	(c) No	
7. How did you rate the ove	rall arrangements of the	e Programme?	
(a) Excellent 🗸	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to util	ize the progamme to be	come an entrepreneur	?
will tra	nstorm Youry	budding Stude	its to become entreprenuers.
9. Overall Satisfaction level	on the scale of 1 to 10:	16 0	
10. Any Remarks/Suggestion	ns, if any:		
R	All scising	are excelle	wet.
(AD			

S TULASI LAM Name & Signature, of the Participant

Participant Code: 2023/29292/142824 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

# ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BH	ARATHI INSTITUTI	E OF TECHNOLOGY, GANDIPET
Implementing agency:	National Institute	for Micro, Small and	Medium Enterprises - NI-MSME
Name of the Participant:	Ms. BHAGYALAI	KSHMI KARIPE D/0	b. Mr. K NARSIMHA
Topic:	Analytics - Data D	riven Decision Makin	ig .
Programme Start Date:	13/03/2023 Prog	ramme End Date: 17/0	3/2023
1. From where you got the	information about this	programme?	
(a) Pamphlet / Brochure		(b) Newspaper Adv	vertisement
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)
2. What is your opinion ab	out the duration of Prog	gramme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Trainin	g Content useful?		
(a) Very much	(b) To some extent	(c) Not useful	
4. How did you rate the ref	erence/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fac	ulties of the progamme	?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progam	me fulfill your expectat	ions/requirements?	
(a) Yes 🦯	(b) To some extent	(c) No	
7. How did you rate the ove	rall arrangements of th	e Programme?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to util いい	Tray Students		?
9. Overall Satisfaction level	on the scale of 1 to 10:	[0	
10. Any Remarks/Suggestion	ns, if any:		

Name & Signature. of the Participant (Mrs. K. Bhagye (akshmi))

Participant Code: 2023/29292/142828 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

### ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BH	ARATHI INSTITUT	TE OF TECHNOLOGY, GANDIPET
Implementing agency;	National Institute	for Micro, Small and	Medium Enterprises - NI-MSME
Name of the Participant:			MBA SIVA REDDY
Topic:	Analytics - Data D	riven Decision Maki	ng
Programme Start Date:	13/03/2023 Prog	ramme End Date: 17/0	3/2023
1. From where you got the	information about this	programme?	
(a) Pamphlet / Brochure		(b) Newspaper Ad	vertisement
(c) Posters/ Hand Bills		(d) Other (Please S	Specify)
2. What is your opinion abo	out the duration of Prog	ramme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Training	g Content useful?		
(a) Very much-	(b) To some extent	(c) Not useful	
4. How did you rate the refe	rence/study material?		
(e) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fact	ulties of the progamme?	1	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progamm	ne fulfill your expectati	ons/requirements?	
(a) Yes	(b) To some extent	(c) No	
7. How did you rate the over	all arrangements of the	Programme?	
(a) ASx cellent	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to utili	ze the progamme to be	come an entrepreneur	2
9. Overall Satisfaction level of	on the scale of 1 to 10:	9	
10. Any Remarks/Suggestion	s, if any:	1	- · · · · · · · · · · · · · · · · · · ·
all	sopling are	- very we	n organized
10010000000 a	75020 W.C. 10.76	J	~

CHIVA PRIYANAA Name & Signature, of the Participant schroppingante

Participant Code: 2023/29292/142839 Date: 17-03-2023

### Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BH	ARATHI INSTITUT	E OF TECHNOLOGY, GANDIPET
Implementing agency:	National Institute	for Micro, Small and	Medium Enterprises - NI-MSME
Name of the Participant:		OTHI D/o. Mr. NAR	
Topie:	Analytics - Data D	riven Decision Makin	ıg
Programme Start Date:	13/03/2023 Progr	amme End Date: 17/0	3/2023
1. From where you got th	e information about this	programme?	
<ul><li>(a) Pamphlet / Brochure</li><li>(c) Posters/ Hand Bills</li></ul>			vertisement Specify)-Institute nebsite (CBIT)
2. What is your opinion a	bout the duration of Prog		
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Traini	ng Content useful?		
(a) Very much	(b) To some extent	(c) Not useful	
4. How did you rate the re	eference/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fa	culties of the progamme?	,	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training proga	nme fulfill your expectati	ons/requirements?	
(a) Yes	(b)To some extent	(c) No	
7. How did you rate the ov	verall arrangements of the	Programme?	
(a) Excellent	1 Cor Good	(c) Satisfactory	(d) Poor
	utilize the progra	mme for my	research.
9. Overall Satisfaction leve	el on the scale of 1 to 10:	8	
10. Any Remarks/Suggesti More hands-on	ions, it any: 1 Sersions Could	have been ci	onducted.

Name & Signature. of the Participant Do. Typothi Cheper Ch. With

Participant Code: 2023/29292/142848 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

# ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BH	ARATHI INSTITUT	E OF TECHNOLOGY, GANDIPET
Implementing agency:	National Institute	for Micro, Small and	Medium Enterprises - NI-MSME
Name of the Participant:	Mr. VANGAVETT	YUGANDHAR S/o.	Mr. VANGAVETI KESAVA RAO
Topic:	Analytics - Data D	riven Decision Maki	ng
Programme Start Date:	13/03/2023 Progr	amme End Date: 17/0	)3/2023
1. From where you got the i	nformation about this	programme?	
(a) Pamphlet / Brochure (c) Posters/ Hand Bills	6	(b) Newspaper Adv (d) Other (Please S	
2. What is your opinion abo	ut the duration of Pro-	gramme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Training	Content useful?		
(a) Very much	(b) To some extent	(c) Not useful	
4. How did you rate the refe	rence/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the facu	lties of the progamme	:?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progamn	ne fulfill your expecta	tions/requirements?	
(a) Yes	(b) To some extent	(c) No	
7. How did you rate the over	all arrangements of th	e Programme?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to util Burga protect and 3 many places in Jude 9. Overall Satisfaction level	ize the programme to h where myself is where the second of the second	ecome an entreprene expland the scal	ur? And peoblem experially was industries in my or on to one a Elitypeen
10. Any Remarks/Suggestion			
50 85.2			

Name & Signature of the Participant

-Y. zugadhe

# Participant Code: 2023/29292/142854 Date: 17-03-2023

Office of the Development Commissioner (MSME)
(Ministry of Micro, Small and Medium Enterprises)
ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD
Venue :	CHAITANYA BH/	ARATHI INSTITUT	E OF TECHNOLOGY, GANDIPET
Implementing agency:			Medium Enterprises - NI-MSME
Name of the Participant:		o. Mr. MALLA RED	
Topic:	Analytics - Data D	riven Decision Maki	ng
Programme Start Date:	13/03/2023 Progr	amme End Date: 17/0	)3/2023
1. From where you got the	information about this	programme?	
(a) Pamphlet / Brochure	/	(b) Newspaper Adv	vertisement
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)
2. What is your opinion ab	out the duration of Pro	gramme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Trainin	g Content useful?		
(a) Very much	(b) To some extent	(c) Not useful	
4. How did you rate the ret	ference/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fac	ulties of the progamme	?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progam	me fulfill your expecta	tions/requirements?	
(a) Yes	(b) To some extent	(c) No	
7. How did you rate the ov	erall arrangements of th	e Programme?	
(a) Excellent 🦯	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to ut	ilize the progamme to 1 ~eal ナう~e	app is with	ur? M
9. Overall Satisfaction leve	l on the scale of 1 to 10	e	
10. Any Remarks/Suggestio	ons, if any:		3
	all the	Feddunt o	no dead
Name & Signature, of the F	Participant		Name & Signature of the Coordinator

	(Ministry of Micro	opment Commissio Small and Medium	2023/29292/142862 mer (MSME) Enterprises) EED BACK FORN	
Programme Name: Venue :	29292/MDP CHAITANYA BHA	RATH INSTITUTE	Locatio OF TECHNOLOGY,	a : HYDERABAD GANDIPET
Implementing agency:	National Institute f	or Micro, Small and I	Medlum Enterprises -	NI-MSME
Name of the Participant:	Ms. MANIKONDA	HIANSI RANI D/o.	Mr. MANIKONDA S	IIIVAJI
Topic:		iven Decision Making		
Programme Start Date:	13/03/2023 Progra	umme Find Date: 17/03	/2023	
1. From where you got the i	information about this	programme?		
(a) Pamphlet / Brochure (c) Posters/ Hand Bills	/	(b) Newspaper Adve (d) Other (Please Sp		
2. What is your opinion abo	ut the duration of Proj	gramme?		
(a) Short	(c) Long	(b) Adequate		
<ol> <li>Did you find the Training (a) Very muck</li> </ol>	Content useful? (b) To some extent	(c) Not useful		
4. How did you rate the refe (a) Excellent	rence/study material? (b) Good	(c) Setislactory	(d) Not usefull	
<ol> <li>How did you rate the fact</li> <li>(a) Excellent</li> </ol>	iltics of the progamme (b) Good	(c) Satisfactory	(d) Poor	
6. Did this training program	ne fulfill your expecta	tions/requirements?		
(D) Yes	(b) To some extent	(c) No		
7. How did you rate the over	rall arrangements of th	e Programme?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
8. How are you going to util 9. Overall Satisfaction level 10. Any Remarks/Suggestion	ize the programme to t In the de on the scale of 1 to 10 ns, if any: . Versy	welgoment o	JE business	
Marne & Signature. of the Pr	1	1	Nome & Signature	of the Coordinator ie and Designation

# Participant Code: 2023/29292/142869 Date: 17-03-2023

## Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:       29292/MDP       Location in market         Venue :       CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPH         Implementing agency:       National Institute for Micro, Small and Medium Enterprises - NI-MSME         Name of the Participant:       Ms. GOLAGABATHULA JYOTHI D/a. Mr. G SURYANARAYANA         Topic:       Analytics - Data Driven Decision Making         Programme Start Date:       13/03/2023         1. From where you got the information about this programme?       (b) Newspaper Advertisement         (c) Posters/ Hand Bills       (d) Other (Please Specify)         2. What is your opinion about the duration of Programme?       (a) Short         (a) Short       (c) Long         3. Did you find the Training Content useful?       (c) Not useful         4. How did you rate the reference/study material?       (c) Not useful	ABAD
Implementing agency:       National Institute for Micro, Small and Medium Enterprises - NI-MSME         Name of the Participant:       Ms. GOLAGABATHULA JYOTHI D/a. Mr. G SURYANARAYANA         Topic:       Analytics - Data Driven Decision Making         Programme Start Date:       13/03/2023 Programme End Date: 17/03/2023         1. From where you got the information about this programme?       (b) Newspaper Advertisement         (c) Posters/ Hand Bills       (d) Other (Please Specify)         2. What is your opinion about the duration of Programme?       (a) Short         (c) Long       (b) Adequate         3. Did you find the Training Content useful?       (c) Not useful	T
Name of the Participant:       Ms. GOLAGABATHULA JYOTHI D/a. Mr. G SURYANARAYANA         Topic:       Analytics - Data Driven Decision Making         Programme Start Date:       13/03/2023       Programme End Date: 17/03/2023         1. From where you got the information about this programme?       (b) Newspaper Advertisement         (c) Posters/ Hand Bills       (d) Other (Please Specify)         2. What is your opinion about the duration of Programme?         (a) Short       (c) Long         3. Did you find the Training Content useful?         (a) Very much       (b) To some extent	6
Topic:Analytics - Data Driven Decision MakingProgramme Start Date:13/03/2023Programme End Date:17/03/20231. Frem where you got the information about this programme?(b) Newspaper Advertisement(a) Pamphlet / Brochure(b) Newspaper Advertisement(c) Posters/ Hand Bills(d) Other (Please Specify)2. What is your opinion about the duration of Programme?(a) Short(c) Long3. Did you find the Training Content useful?(b) To some extent(c) Not useful	
Programme Start Date:       13/03/2023       Programme End Date: 17/03/2023         1. From where you got the information about this programme?       (b) Newspaper Advertisement         (c) Posters/ Hand Bills       (d) Other (Please Specify)         2. What is your opinion about the duration of Programme?       (b) Adequate         3. Did you find the Training Content useful?       (c) Not useful	
(a) Pamphlet / Brochure       (b) Newspaper Advertisement         (c) Posters/ Hand Bills       (d) Other (Please Specify)         2. What is your opinion about the duration of Programme?         (a) Short       (c) Long         3. Did you find the Training Content useful?         (a) Very much       (b) To some extent         (c) Not useful	
(c) Posters/ Hand Bills       (d) Other (Please Specify)         2. What is your opinion about the duration of Programme?         (a) Short       (c) Long         3. Did you find the Training Content useful?         (a) Very much       (b) To some extent         (c) Not useful	
2. What is your opinion about the duration of Programme?         (a) Short       (c) Long         3. Did you find the Training Content useful?         (a) Very much       (b) To some extent         (c) Not useful	
(a) Short     (c) Long     (b) Adequate       3. Did you find the Training Content useful?       (a) Very much     (b) To some extent     (c) Not useful	
(a) Short     (c) Long     (b) Adequate       3. Did you find the Training Content useful?       (a) Very much     (b) To some extent     (c) Not useful	
(a) Very much (b) To some extent (c) Not useful	
4. How did you rate the reference/study material?	
4. How and you rate the reference and y	
(a) Excellent (b) Good (c) Satisfactory (d) Not usefull	
5. How did you rate the faculties of the progamme?	
(a) Excellent (b) Good (c) Satisfactory (d) Poor	
6. Did this training progamme fulfill your expectations/requirements?	
(a) Tes (b) To some extent (c) No	
7. How did you rate the overall arrangements of the Programme?	
(a) Excellent (b) Good (c) Satisfactory (d) Poor	
8. How are you going to utilize the progamme to become an entrepreneur?	
use victorian level on the scale of 1 to 10; 9	

All the expects are explained very well.

Name & Signature. of the Participant

# Participant Code: 2023/29292/142900 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MIDP		Location : HYDERABAD		
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET				
Implementing agency:	National Institute for Micro, Small and Medium Enterprises - NI-MSME				
Name of the Participant:	M8. NAMBURI DHANA LAKSHMI D/0. Mr. N CHALAPATHI RAO				
Topic:	Analytics - Data Driven Decision Making				
Programme Start Date:	13/03/2023 Programme End Date: 17/03/2023				
1. From where you got the	information about this	programme?			
(a) Pamphlet / Brochure -	/	(b) Newspaper Adv	ertisement		
(c) Posters/ Hand Bills	(d) Other (Please Specify)				
2. What is your opinion ab	out the duration of Prop	gramme?			
(a) Short	(c) Long	(b) Adequate			
3. Did you find the Trainin	g Content useful?				
(a) Very much	(b) To some extent	(c) Not useful			
4. How did you rate the ref	erence/study material?				
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull		
5. How did you rate the fac	ulties of the progamme	57			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor		
6. Did this training progam	me fulfill your expecta	tions/requirements?			
(a) Yes	(b) To some extent	(c) No			
7. How did you rate the over	erall arrangements of th	te Programme?			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor		
8. How are you going to ut	ilize the programme to l	become an entreprene	ar?		

9. Overall Satisfaction level on the scale of 1 to 10: 10 10. Any Remarks/Suggestions, if any: All the St Wint are very good

Name & Signature, of the Participant

Name & Signature of the Coordinator Scal with name and Designation

N. Dhana Lat thmi

#### Participant Code: 2023/29292/142895 Date: 17-03-2023

### Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD			
Venue :	CHAITANYA BIL	ARATHI INSTITUT	TE OF TECHNOLOGY, GANDIPET			
Implementing agency:	National Institute for Micro, Small and Medium Enterprises - NI-MSME					
Name of the Participant:	Ms. SREE RAMANI VEERPANENI D/o. Mr. V.BABUJI RAO					
Topic:	Analytics - Data Driven Decision Making					
Programme Start Date:	13/03/2023 Programme End Date: 17/03/2023					
1. From where you got the	information about this	programme?				
(a) Pamphlet / Brochure 🗸	·	(b) Newspaper Adv	vertisement			
(c) Posters/ Hand Bills	(d) Other (Please Specify)					
2. What is your opinion ab	out the duration of Pro-	gramme?				
(a) Short	(c) Long	(b) Adequate 🛩				
3. Did you find the Training	g Content useful?					
(a) Very much	(b) To some extent	(c) Not useful				
4. How did you rate the refe	erence/study material?					
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull			
5. How did you rate the fac	ulties of the progamme	??				
(a) Excellent 🗸	(b) Good	(c) Satisfactory	(d) Poor			
6. Did this training progami	me fulfill your expecta	tions/requirements?				
(a) Yes	(b) To some extent	(c) No	-			
7. How did you rate the ove	rall arrangements of th	e Programme?				
(a) Excellent 🗸	(b) Good	(c) Satisfactory	(d) Poor			
8. How are you going to util By Solving seal Analy Areal 9. Overall Satisfaction level	time research m	ricuted public	my using the latest ML. Doots			
10. Any Remarks/Suggestio Hands-m Latest use cases	ns, if any: Versions are gree	our contraction	ld few more hands-nu sessions &			
115,000						

Name & Signature, of the Participant Dr. V. Szee Ramani

Participant Code: 2023/29292/142887 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		1	Location : HYDERABAD		
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET					
Implementing agency:	National Institute for Micro, Small and Medium Enterprises - NI-MSME					
Name of the Participant:	Mr. DR ANGSHUMAN DAS S/o. Mr. BHABASINDHU DAS					
Topic:	Analytics - Data Driven Decision Making					
Programme Start Date:	13/03/2023 Programme End Date: 17/03/2023					
1. From where you got the	information about this	programme?				
(a) Pamphlet / Brochure		(b) Newspaper Adve	rtisement			
(c) Posters/ Hand Bills	(d) Other (Please Specify)					
2. What is your opinion ab	out the duration of Pro	gramme?				
(a) Short	(c) Long	(b) Adequate				
3. Did you find the Trainin	g Content useful?					
(a) Very much	(b) To some extent	(c) Not useful				
4. How did you rate the ref	erence/study material?					
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull			
5. How did you rate the fac	ulties of the progamm	c?				
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor			
6. Did this training progam	me fulfill your expecta	tions/requirements?				
(a) Yes	(b) To some extent	(c) No				
7. How did you rate the over	erall arrangements of th	he Programme?				
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor			
8. How are you going to uti	lize the progamme to t	become an entrepreneur	? we will	try to come 1 1		
9. Overall Satisfaction level	on the scale of 1 to 10	. 8	among	try to spread it student.		

10. Any Remarks/Suggestions, if any:

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Name & Signature. of the Participant

Dr. Angshuman Drs Asst. Prot.

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Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD	
Venue :	CHAITANYA BHA	RATHI INSTITUT	E OF TECHNOLOGY, GANDIPET	
Implementing agency:	National Institute for Micro, Small and Medium Enterprises - NI-MSME			
Name of the Participant:	Mr. GANESH BOTLA S/0. Mr. UPPALAIAH BOTLA			
Topic:	Analytics - Data Driven Decision Making			
Programme Start Date:	13/03/2023 Progr	amme End Date: 17/0	3/2023	
1. From where you got the	information about this	programme?		
(a) Pamphlet / Brochure	/	(b) Newspaper Adv	retisement	
(c) Posters' Hand Bills		(d) Other (Please S	pecify)	
2. What is your opinion ab	out the duration of Proj	gramme?		
(a) Short	(c) Long	(b) Adequate		
3. Did you find the Trainir	ng Content useful?			
(a) Very much	(b) To some extent	(c) Not useful		
4. How did you rate the re	ference/study material?			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull	
5. How did you rate the fa	culties of the progamme	c?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
6. Did this training progan	nme fulfill your expecta	tions/requirements?		
(a) Yes	(b) To some extent	(c) No		
7. How did you rate the ov	verall arrangements of t	he Programme?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
8. How are you going to u	tilize the progamme to	become an entreprene	ur?	
	While star	stine new 1	owinin	
9. Overall Satisfaction lev	el on the scale of I to I	o:{O		
10. Any Remarks/Suggest	ions, if any:			
2	really the	ank cbn	- Hya	
Name Stand Suggest	re services	are very	3004	
Name & Resture, of the	Participant		Name & Signature of the Coordinator	
Ly Gange	h Rotla		Seal with name and Designation	
M- Clarez	1 000 100			

### Participant Code: 2023/29292/142863 Date: 17-03-2023 Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

# ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP				Location : HY	
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET					IPET
Implementing agency:	National Institute for Micro, Small and Medlum Enterprises - NI-MSME					
Name of the Participant:	Mr. RAMASANI GOVARDHAN REDDY S/o. Mr. RAMASANI VENKAT REDDY					
Topic:	Analytics - Data Driven Decision Making					
Programme Start Date:	13/03/2023 Programme End Date: 17/03/2023					
1. From where you got the in	nformation abo	ut this p	rogramme?			
(a) Pamphlet / Brochure	·		(b) Newspaper A	dvertiserne	ent -	
(c) Posters/ Hand Bills			(d) Other (Please	e Specify)		
2. What is your opinion about	ut the duration	of Prog	ramme?			
(a) Short	(c) Long		(b) Adequate	/		
3. Did you find the Training	Content useful	17				
(a) Very much	(b) To some e	xtent	(c) Not useful			
4. How did you rate the refe	rence/study ma	terial?				
(a) Excellent	(b) Good		(c) Satisfactory	(d) N	lot usefull	
5. How did you rate the facu	ilties of the pro	gamme'	2 ,			
(a) Excellent	(b) Good		(c) Satisfactory	(d) P	loor	
6. Did this training progamn	ne fulfill your e	expectati	ions/requirements	?		
(a) Yes	(b) To some e		(c) No			
7. How did you rate the over	rall arrangemer	its of the	e Programme?			
(a) Excellent	(b) Good		(c) Satisfactory	(d) P	'oor	
8. How are you going to util	ize the progam	me to b	ecome an entrepre	encar?		
9. Overall Satisfaction level	on the scale of	1 to 10	10		-	
10. Any Remarks/Suggestio						

R. Convariduan red of Report

Name & Signature, of the Participant

Participant Code: 2023/29292/142856 Date: 17-03-2023

Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

## ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

29292/MDP		Location : HYDERABAD	
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET			
National Institute	for Micro, Small and	Medium Enterprises - NI-MSME	
Ms. TUMMANAG	OTI VIJAYA D/o. N	Ir. ANAJAIAHA CHARY	
13/03/2023 Progr	umme End Date: 17/0	3/2023	
information about this	programme?		
	(b) Newspaper Adv	vertisement	
	(d) Other (Please S	pecify)	
out the duration of Pro	gramme?		
(c) Long	(b) Adequate		
g Content useful?			
(b) To some extent	(c) Not useful		
erence/study material?			
(b) Good	(c) Satisfactory	(d) Not usefull	
ulties of the progamme	27		
(b) Good	(c) Satisfactory	(d) Poor	
me fulfill your expecta	tions/requirements?		
(b) To some extent	(c) No		
rall arrangements of th	e Programme?		
(b) Good	(c) Satisfactory	(d) Poor	
	CHAITANYA BH/ National Institute 1 Ms. TUMMANAG Analytics - Data D 13/03/2023 Progr information about this out the duration of Pro- (c) Long (c) Long (c) Long (c) Long (c) Content useful? (b) To some extent erence/study material? (b) Good ulties of the programme (b) Good me fulfill your expecta (b) To some extent rall arrangements of the	CHAITANYA BHARATHI INSTITUT National Institute for Micro, Small and Ms. TUMMANAGOTI VIJAYA D/o. M Analytics - Data Driven Decision Makin 13/03/2023 Programme End Date: 17/0 information about this programme? (b) Newspaper Adv (d) Other (Please S out the duration of Programme? (c) Long (b) Allequate g Content useful? (b) To some extent (c) Not useful erence/study material? (b) Good (c) Satisfactory ulties of the progamme? (b) Good (c) Satisfactory me fulfill your expectations/requirements? (b) To some extent (c) No	

8. How are you going to utilize the progamme to become an entrepreneur?

9. Overall Satisfaction level on the scale of 1 to 10: 9\_

10. Any Remarks/Suggestions, if any:

All the exports delivered sessions eace llently.

Name & Signature, of the Participant

T. Vijnya.

Participant Code: 2023/29292/142850 Date: 17-03-2023

Office of the Development Commissioner (MSME)	
(Ministry of Micro, Small and Medium Enterprises)	
ESDP PROGRAMME- PARTICIPANT FEED BACK FORM	1

Programme Name:	29292/MDP Location : HYDERABAD			ocation : HYDERABAD	
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET				
Implementing agency:		for Micro, Small and		27 YO CHARGE STORE ST	
Name of the Participant:		AN KHUNTIA S/o.			
Topic:	Analytics - Data D	riven Decision Makin	ng		
Programme Start Date:	13/03/2023 Programme End Date: 17/03/2023				
1. From where you got the	information about this	programme?			
Pamphlet / Brochure		(b) Newspaper Adv	ertisement		
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)		
2. What is your opinion ab	out the duration of Pro	gramme?			
(a) Short	(c) Long	(b) Adequate			
3. Did you find the Trainir	ig Content useful?				
(a) Very much	(b) To some extent	(c) Not useful			
4. How did you rate the re-	ference/study material?				
(a) Excellent	(b) 6003 (d)	(c) Satisfactory	(d) Not usefull		
5. How did you rate the fac	culties of the progamme	:?			
(a) Excellent	(b) Good	(c) Setisfactory	(d) Poor		
6. Did this training progam	me fulfill your expecta	tions/requirements?			
(a) Yes	(b) To some extent	(c) No			
7. How did you rate the ov	erall arrangements of th	ie Programme?			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor		
8. How are you going to ut We will slaw				an entreprenem.	
9. Overall Satisfaction leve	I on the scale of I to IO	* <u>8</u>		31 1	
10. Any Remarks/Suggestie	ons, if any:				
	ALA				

& Jnana Ranjan Khurtia Name & Signature, of the Participent Va

Participant Code:	2023/29292/142841	Date: 17-03-2023
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Office of the Development Commissioner (MSME)	
(Ministry of Micro, Small and Medium Enterprises)	
ESDP PROGRAMME- PARTICIPANT FEED BACK FORM	i.

Programme Name:	29292/MDP		Location : HYDERABAD			
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET					
Implementing agency:		National Institute for Micro, Small and Medium Enterprises - NI-MSME				
Name of the Participant:		Ms. CH. LAKSHMI SIREESHA D/o. Mr. C.R.K MURTHY				
Topic:		Analytics - Data Driven Decision Making				
Programme Start Date:						
1. From where you got the			200 212 (12)			
(a) Pamphlet / Brochure	in a contract of the second seco	(b) Newspaper Ad	h			
(c) Posters/ Hand Bills		(d) Other (Please 5				
2. What is your opinion ab	out the duration of Pros					
(a) Short	(c) Long	(b) Adequate				
3. Did you find the Trainin	og Content useful?					
(a) Very much	(6) To some extent	(c) Not useful				
4. How did you rate the rel						
(a) Excellent	(f) Good	(c) Satisfactory	(d) Not usefull			
5. How did you rate the fac	ulties of the progamme'	2				
(a) Excellent	لرة) Good	(c) Satisfactory	(d) Poor			
6. Did this training progam	me fulfill your expectati	ions/requirements?	Total - Control			
(a) Yes	(b) To some extent	(c) No				
7. How did you rate the ove	erall arrangements of the	Programme?				
(a) Excellent	·(6) Good	(c) Satisfactory	(d) Poor			
8. How are you going to uti	lize the progamme to be	come an entrepreneur	7			
9. Overall Satisfaction level	on the scale of 1 to 10:	8				
			sociated tools like NPSI will			
l-						
lame & Signature, of the Pa	articipant		Name & Signature of the Coordinator			
1 1 1 1 1 0			source of guardie of the Coordinator			

Lakshmi Sireesha ch.

Participant Code: 2023/29292/142819 Date: 17-03-2023

### Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD	
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET			
Implementing agency:	National Institute for Micro, Small and Medium Enterprises - NI-MSME			
Name of the Participant:			S/o. Mr. P. KRISHNAIAH	
Topic:	Analytics - Data Dr	iven Decision Makin	g	
Programme Start Date:	13/03/2023 Progra	amme End Date: 17/03	3/2023	
1. From where you got the	information about this p	rogramme?		
(a) Pamphlet / Brochure 🗸		(b) Newspaper Adv	retisement	
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)	
2. What is your opinion ab	out the duration of Progr	ramme?		
(a) Short	(c) Long	(b) Adequate		
3. Did you find the Trainin	g Content useful?			
(a) Very much	(b) To some extent	(c) Not useful		
4. How did you rate the ref	erence/study material?			
(a) Excellent ~	(b) Good	(c) Satisfactory	(d) Not usefull	
5. How did you rate the fac	ulties of the progamme?	1		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
6. Did this training progam	me fulfill your expectati	ions/requirements?		
(a) Yes	(b) To some extent	(c) No		
7. How did you rate the ow	erall arrangements of the	e Programme?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
8. How are you going to ut	ilize the programme to be	try in re	of sime applications	
9. Overall Satisfaction leve	I on the scale of 1 to 10:	10		
10. Any Remarks/Suggestic	ons, if any: Orga	arrease up	Fop's m emerging	
Dr. P. RAMESHIRE	12V			
Name & Signature, of the I	articipant		Name & Signature of the Coordinator	
J: Remert	Xin		Seal with name and Designation	

### Participant Code: 2023/29292/142812 Date: 17-03-2023

### Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP Location : HYDERABAD		
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET		
Implementing agency:	National Institute for	r Micro, Small and I	Medium Enterprises - NI-MSME
Name of the Participant:	Ms. SATYA KIRAN	MAI TADEPALLI	D/0. Mr. T.JAI SHREW HARI
Topic:		iven Decision Making	
Programme Start Date:	13/03/2023 Progra	mme End Date: 17/03	/2023
1. From where you got the	information about this p	rogramme?	
(a) Pamphlet / Brochure /	-	(b) Newspaper Adv	ertisement
(c) Posters/ Hand Bills		(d) Other (Please Sp	pecify)
2. What is your opinion abo	out the duration of Progr	amme?	
(a) Short	(c) Long	(b) Adequate	
3. Did you find the Trainin	g Content useful?		
(a) Very much 🗸	(b) To some extent	(c) Not useful	
4. How did you rate the ref	erence/study material?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull
5. How did you rate the fac	culties of the progamme?	1	
(a) Excellent 🗸	(b) Good	(c) Satisfactory	(d) Poor
6. Did this training progam	me fulfill your expectati	ions/requirements?	
(a) Yes 🗸	(b) To some extent	(c) No	
7. How did you rate the ov	erall arrangements of the	e Programme?	
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor
8. How are you going to ut	ilize the progamme to be untrivity, and have	ecome an entrepreneur lytrs, ryr model	is to solve the current seal-time
0 Quarall Satisfaction leve	I on the scale of 1 to 10:	-	
10. Any Remarks/Suggesti	ions, if any: All the	serving whe ve	Ly uscom.

Name & Signature, of the Participant

T. Satya Kiranmai

### Participant Code: 2023/29292/142807 Date: 17-03-2023 Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD	
Venue :	CHAITANYA BI	OF TECHNOLOGY, GANDIPET		
Implementing agency;	National Institute for Micro, Small and Medium Enterprises - NI-MSME			
Name of the Participant:	Mr. B.HARISH GOUD S/o. Mr. PURNARAO			
Topic:		Driven Decision Makin		
Programme Start Date:		gramme End Date: 17/03		
1. From where you got the	information about this	s programme?		
(a) Pamphlet / Brochure	/	(b) Newspaper Adv	enticement	
(c) Posters' Hand Bills		(d) Other (Please S		
2. What is your opinion ab	out the duration of Pro	enime?		
(a) Short	(c) Long	(b) Adequate		
3. Did you find the Trainin	g Content useful?			
(a) Very much	(b) To some extent	t (c) Not useful		
4. How did you rate the rel	ference/study material	2		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull	
5. How did you gets the fai	culties of the progamm	ue?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
6. Did this training progan	une fulfill your expect	ations/requirements?		
(a) Yes	(b) To some extent	(c) No		
7. How did you rate the ov	erall arrangements of t	the Programme?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
8. How are you going to ut EX	ilize the progamme to	become an entrepreneur	ing a years	
9. Overall Satisfaction leve	el on the scale of 1 to 1	0: 9	- 7	
10. Any Remarks/Suggesti				
B. HARISH G	OUD			
Name & Signature, of the I			Name & Signature of the Coordinator	
Horrich			Seal with name and Designation	

Participant Code: 2023/29292/142800 Date: 17-03-2023

### Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD		
Venue :	CHAITANYA BHA	RATHI INSTITUT	E OF TECHNOLOGY, GANDIPET		
Implementing agency:	National Institute 1	National Institute for Micro, Small and Medium Enterprises - NI-MSME			
Name of the Participant:			DIPTA KUMAR SATPATHY		
Topic:	Analytics - Data Di	riven Decision Makin	ng		
Programme Start Date:	13/03/2023 Progr	amme End Date: 17/0	3/2023		
1. From where you got the	information about this p	programme?			
(a) Pamphlet / Brochure		(b) Newspaper Ad	vertisement		
(c) Posters/ Hand Bills		(d) Other (Please S	Specify)		
2. What is your opinion abo	out the duration of Prog	ramme?			
(a) Short	(c) Long	(b) Adequate			
3. Did you find the Training	g Content useful?				
(a) Very much	(b) Fo some extent	(c) Not useful			
4. How did you rate the ref	erence/study material?				
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefull		
5. How did you rate the fac	ulties of the progamme?	1			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor		
6. Did this training progam	me fulfill your expectati	ons/requirements?			
(a) Yes	(b) To some extent	(c) No			
7. How did you rate the over	rall arrangements of the	Programme?			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor		
8. How are you going to uti	lize the progamme to be will in form 140	come an entrepreneur deut which wi	il help them for future work h to seame on entreprenen.		
9. Overall Satisfaction level	on the scale of 1 to 10:	8	to seame an entreprenen.		
10. Any Remarks/Suggestio					
	MA				
A. Kamalini	Devi , K Devi				

Name & Signature. of the Participant

Participant Code: 2023/29292/142798 Date: 17-03-2023

### Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises) ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name:	29292/MDP		Location : HYDERABAD	
Venue :	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, GANDIPET			
Implementing agency:	National Institute for Micro, Small and Medium Enterprises - NI-MSME			
Name of the Participant:	Mr. SALAKAPURI RAKESH S/o. Mr. ANANDAM			
Topie:	Analytics - Data Di	iven Decision Makin	Ig	
Programme Start Date:	13/03/2023 Progr	amme End Date: 17/0.	3/2023	
1. From where you got the	information about this p	rogramme?		
(a) Pamphlet / Brochure		(b) Newspaper Adv	vertisement	
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)	
2. What is your opinion abo	out the duration of Prog	amme?		
(a) Short	(c) Long	(b) Adequate 🗹		
3. Did you find the Training	content useful?			
(a) Very much	(b) To some extent	(c) Not useful		
4. How did you rate the refe	erence/study material?			
(a) Excellent 🗸	(b) Good	(c) Satisfactory	(d) Not usefull	
5. How did you rate the fact	alties of the progamme?			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
6. Did this training progamm	ne fulfill your expectati	ons/requirements?		
(a) Yes	(b) To some extent	(c) No		
7. How did you rate the ove	rall arrangements of the	Programme?		
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
8. How are you going to util Statistical wellods, Scilwight general 9. Overall Satisfaction level	ize the progamme to be ML welledy en e Hybris Usrg e en the scale of 1 to 10:	come an entrepreneur be used to evul gamaches of ML 2 -10 on Euro	"Ate datasets and my vindisation Visualization can be useful to become yservere.	
10. Any Remarks/Suggestio AU size inputs of usebul.	ns, if any: object behaves in	a very gud marma	. And howly on sension also very	
aller				
Name & Signature, of the Pa	aticipant		Name & Signature of the Coordinator	

(S. Rakesh)

Seal with name and Designation

Participant Code: 2023/29292/142793 Date: 17-03-2023

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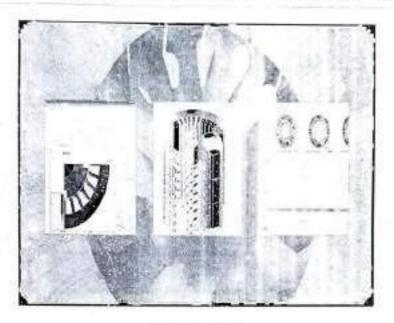
Office of the Development Commissioner (MSME) (Ministry of Micro, Small and Medium Enterprises)

### ESDP PROGRAMME- PARTICIPANT FEED BACK FORM

Programme Name;	29292/MDP			Location : HYDERABAD
Venue :		RATH INSTITUT	OFTECHNO	
Implementing agency;				
Name of the Participant:		or Micro, Small and /MYA BAVIRTIII D	소양한 중요즘은 것은 것 같아? 같아?	
Topic:		iven Decision Makir		AAAAA
Programme Start Date:	Section 1 Section 1	amme End Date: 17/0.		
			512025	
1. From where you got the	information about this p	orogramme?		
(a) Pamphlet / Brochure		(b) Newspaper Adv	ertisement/	
(c) Posters/ Hand Bills		(d) Other (Please S	pecify)	
2. What is your opinion abo	out the duration of Prog	ramme?		
(a) Short	(c) Long	(b) Adequate		
3. Did you find the Training	g Content useful?			
(1) Very much	(b) To some extent	(c) Not useful		
4. How did you rate the ref	erence/study material?			
(a) Excellent	(b) Good	(c) Satisfactory	(d) Not usefu	all
5. How did you rate the fac	ulties of the progamme's	r -		
La) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
6. Did this training progam	me fulfill your expectati	ions/requirements?		
(a) Yes	(b) To some extent	(c) No		
7. How did you rate the ove	erall arrangements of the	Programme?		4
(a) Excellent	(b) Good	(c) Satisfactory	(d) Poor	
8. How are you going to uti The Statistical a	lize the programme to be	come an entrepreneur wed to eval	r ali the dal	eset and define the facti items can be deployed reful to become an Entrepreneur
9. Overall Satisfaction level	on the scale of 1 to 10:	g -factors the	ML Alpor	ithms can be deployed
10. Any Remarks/Suggestic	ons, if any:		and w	setul to become an
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## Two Days Workshop on "Altair Flux-A Software Tool for Electromagnetic Modeling of Electrical Systems"



Online Mode 28<sup>th</sup> - 30<sup>th</sup> June 2023

Organized By



Department of Electrical and Electronics Engineering, CBIT (A), Hyderabad-500075, Telangana, India

## **REPORT ON** Two day workshop

# "Altair Flux- A Software Tool for Electromagnetic Modeling of Electrical Systems"

Coordinated By

Dr. Y. A. Khan, Assist. Prof. EEE Dr. Madhulika Das, Assist. Prof. EEE

# ACKNOWLEDGEMENT

Electrical and Electronics Engineering, CBIT (A), Hyderabad takes great pleasure in Organizing the Workshop on Altair Flux Software.

We show our gratitude for the management of CBIT, Principal Dr. P. Ravinder Reddy, Dr. U. K. Choudhury, Advisor I & I and HOD, EEE Department Dr. M. Balasubba Reddy for their constant support which made the event successful.

We are thankful to our Convenors Dr. G. Suresh Babu, Prof. EEE and Dr. T. M. Krishna Assoc. Prof. EEE for their continuous guidance which made the event successful.

Our special thanks to Mr. Rajesh Kamlala, Manager (Tec FLUENT Solutions Pvt. Limited) for providing the technical support for conducting the event.

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Two Drvs Workshop on «Altair Flux: A Software Tool for Electromagnetic Modeling of Flectrical Systems 28% & 20% June, 2023

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#### INTRODUCTION

Altair Flux TM is leading simulation finite element software for electromagnetic modeling. Used for more than 35 years in industry worldwide, Flux has become a reference for the high accuracy it delivers. Thanks to advanced numerical techniques, it captures the complexity of electromagnetic and thermal phenomena in the most efficient way, to predict and optimize the performance of any electromechanical device. Because Flux is connected to other 3D tools, and to system level simulation software, it can be efficiently integrated in complete workflows, considering all the physics and the constraints of the design. With best-in-class numerical techniques, extended multi parametric analysis (electrical circuit and kinematic couplings), Flux's fast and accurate results help designers analyze, design, and optimize:

- 1. Rotating machines
- 2. Linear actuators, solenoids
- 3. Transformers and inductances
- Induction heating processes
- 5. Sensors
- 6. Cables and electric connections
- 7. Electromagnetic compatibility

#### Flux Highlights

- 1. Magnetic, electric and thermal analysis of 2D/skew/3D projects
- 2. Static, harmonic and transient
- 3. Flux Motor import and motor-dedicated environment
- 4. Advanced losses modeling
- 5. Proven speed and accuracy
- 6. Excellent multiphysics and optimization interoperability
- 7. Comprehensive customizable environment: automation; design acceleration

This workshop is intended to provide opportunities for faculty and Students to impart knowledge about Altair Flux software. Faculty will get the software tools to teach the electromagnetic phenomenon's taking place in electromagnetic devices. Expert from industry has been invited to deliver lectures about the different aspects of Altair Flux simulation tool. This workshop will provide a basic understanding of all the above aspects of magnetic modeling and analysis. In addition, it will provide a comprehensive understanding of the thermal behavior of different electrical and mechanical systems, which will help faculty pursue application development and research in this direction.

### Training

# Low Frequency Electromagnetic Simulations using Altair Flux Motor and Flux -CG

Flux Motor is dedicated to addressing the global design of electric motors. Flux Motor's intuitive environment allows users to efficiently create, analyze, report, and optimize their electric motors. Flux is a finite element analysis tool for low-frequency magnetic fields and electric fields. Flux also solves thermal flux patterns in conduction/radiation mode. Mechanical motion included in Flux (rotating, translating, or pivoting) and external circuit connections to describe power supply make Flux the tool for electromechanical design.

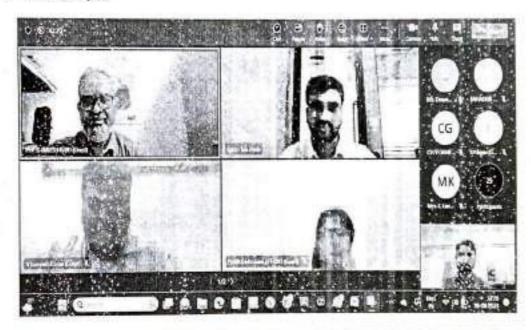
describe power supply make Flux the tool for electrometered in environment of Flux through Through this course, participants will be led on a discovery of the environment of Flux through simple examples of real devices. From the input of topologies to the analysis of results, through the setting of the physics, the mesh and the solving, the participant will perform simple or parameterized analysis of basic equipment. This course is a start to the analysis and design of electromagnetic/electromechanical equipment with Flux.

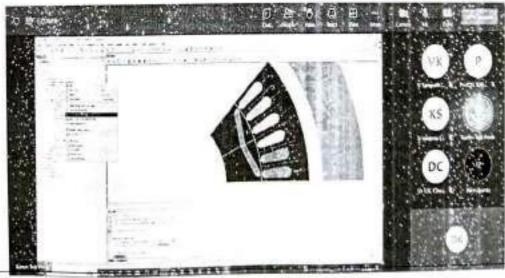
### Agenda

EEE Department, CBIT organized the two day workshop on 28 & 30<sup>th</sup> June, 2023 through online mode. The speaker for the entire sessions was Mr. Karun Teja Avula, working as product engineer in Electromagnetic solutions at Altair. The topics covered in the sessions are discussed below:

### Day 1: 28th June 2023 (10 am to 1pm)

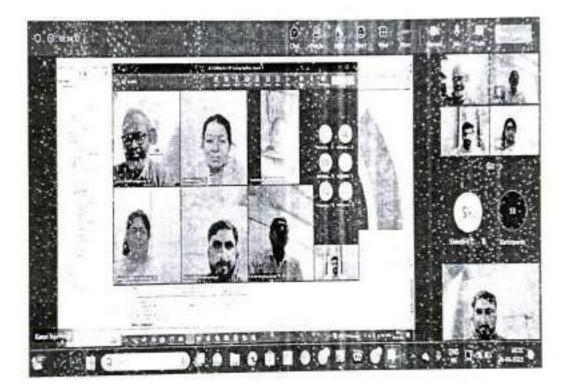
- · Introduction to Altair Flux Motor
- · Motor catalogues
- · Part library
- · Flux Motor simulation of Permanent Magnet Synchronous Motor:
  - Design
  - Electromagnetic tests
  - Thermal tests
  - NVH analysis





### Day: 1 (2 to 5 pm)

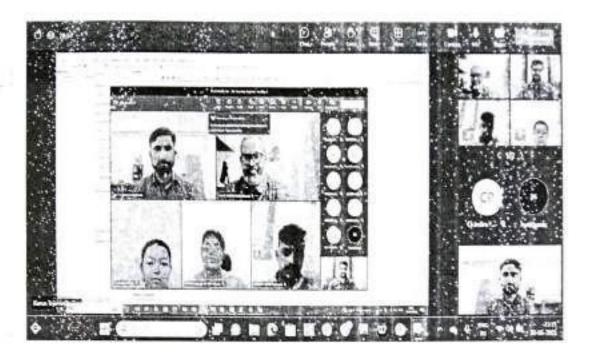
- Flux Motor simulation of Brushless Permanent Magnet Synchronous Motor:
  - Export to Flux 2D, 3D
- · Introduction to Altair Flux and overview of the tool
- · Flux Overlays, geometry and CAD import
- Mesh generation and techniques
- · Physics for magnetic application
- · Importing and creating materials
- · Setting up of winding, electrical circuit and mechanical sets
- Brushless Permanent Magnet Synchronous Motors
  - Cogging torque analysis
- Back EMF computation



### Day: 2 (10 am to 1 pm)

Brushless Permanent Magnet Synchronous Motors (PMSM)

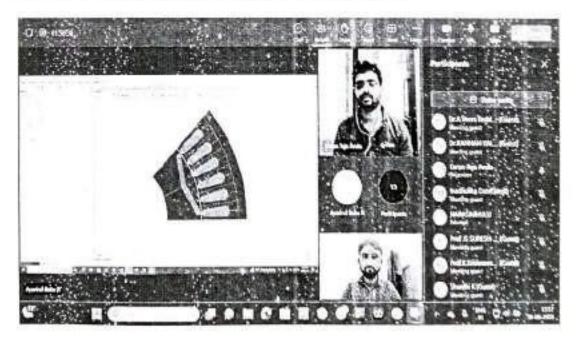
- Constant speed analysis (Computation of currents, torque profile, output mechanical power, losses in the magnet, input electrical power, iron losses, efficiency calculation).
- > Efficiency maps computation using Flux
- > Effect of demagnetization at the design stage in Flux
- Showcase the effect of Current Harmonics on losses (PWM)



### Day: 2 (2 to 5 pm)

Brushless Permanent Magnet Synchronous Motors

- Introduction to Flux-Skew on cogging torque.
- > Short circuit analysis
- > Thermal analysis to get hotspots of temperature distribution



### Participation.

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### CONCLUSION

The workshop was a great success, and the EEE Department will continue to conduct more of these types of workshops/events.

### List of Registered Candidates

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Two Days Hands-on Workshop on "Altair Flux-A Software Tool for Electromagnetic Modeling of Electrical Systems"

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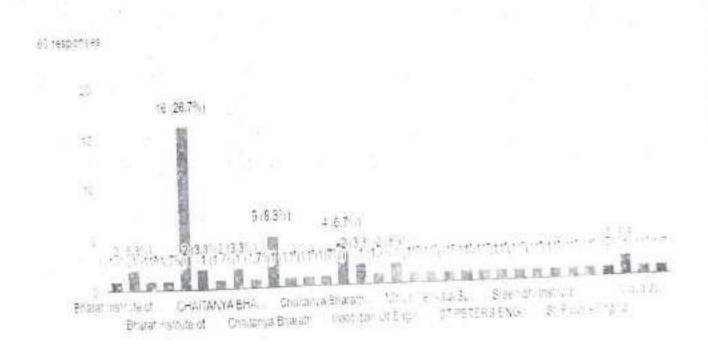
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#### Outcomes

This program benefited the faculties, students (UG, PG), PhD scholars, other researchers, and working professionals from engineering and research backgrounds. The outcomes of the program were:

- Disseminated the knowledge of Altair Flux software tool among students, researchers, and academicians. It developed the interest of the students and faculties to work in the areas of electrical machine design and contribute in the way of technological innovations.
- This workshop triggered the desire for conducting FDP programs and events on this type of software with the motive of training faculties/researchers which ultimately can improve the research and consultancy activities.
- This workshop also opened another dimension for further building the expertise of the students by introducing minor course on Electrical vehicle Technolog.

## Sample of the Certificate given to the participants

### Certificate of Participation

Program

Coordinators

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Session

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Thus is to certify that B. Shirisha, Student, Department of Electrical & Electronics Engineering, Chaitanya Bharathi Institute of Technology, Hyderalaid has participated in a Two day Handson workshop on "Altair Hux - A Software Tool for Electromagnetic Modelling of Electrical Systems" organized by Department of Electrical & Electronics Engineering, Chaitanya Bharathi Institute of Technology, Hyderalaid, Telanguae on 28th June 2023 & 30th June 2023.

Head of Dept ..

EEE

Principal CBIT(A)



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## Department of Electrical and Electronics Engineering

### Attendance Record - Nodal Remote Centre

1CT based STC on "Energy Efficient and Decarbonisation Technologies" 5 to 9 June 2023 by NETTER Chandigarh (OPIan No.- ICT-36)

Name and Address of the Institute / Engineering College / Polytechnic -

## Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana

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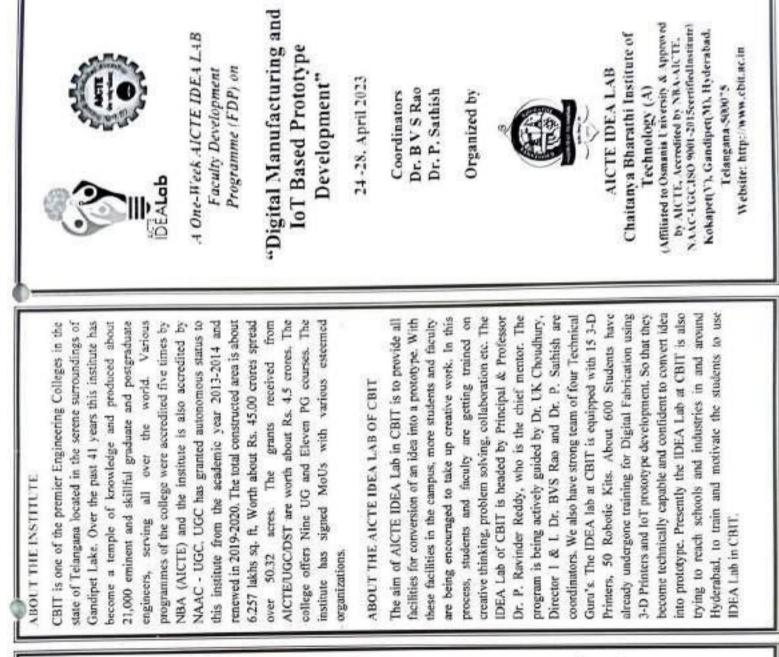
Signature of the local coordinator (Dr.M.Balasubbareddy)



# CHAITANYA BHARATHI Institute of technology (A)

### National Institute of Technical Teachers Training and Research, Chandigarh Electrical Engineering Department STC on "Energy Efficient and Decarbonisation Technologies" 5/6/2023 to 9/6/2023 (O.Plan No. ICT-36) <u>TIME-TABLE</u>

DAY/DATE	Session - 1 10 AM to 11.30 AM	Session - 2 11.30 AM to 1 PM	Session - 3 2.30 PM to 4 PM
Monday 5/6/2023	Introduction to the Course Sustainable Development and Energy - An Overview (Prof. Poonam Syal )	Renewable Energy Sources (Prof. Poonam Syal) poonamsyal@nitttrchd.ac.in	Biofuels and its Production Process (Prof. SS Kacchwaha, Pandit Deendayal Energy University, Gandhinagar) sskachhwaha@rediffmail.com
Tuesday 6/6/2023	Hydrogen Energy – Present Scenario and Future Scope (Dr. Kapil Pareek, MNIT, Jaipur) kapil.cee@mnit.ac.in	Appropriate Construction Materials and Practices for Sustainability (Dr. HK Vinayak, NITTTR, Chd) hemant.vinayak@nitttrchd.ac.i n	Air Pollution and its Mitigation Technologies (Prof. SC Jain, Former Dean & Chairman, Deptt. of Chemical Engg. & Tech. PU, Chandigarh) scjpu@yahoo.com
Wednesday 7/6/2023 ECBC and Green Building (Prof. Chitrarekha Kabre, School of Planning & Architecture, New Delhi) <u>chitrarekha.kabre@spa</u> , <u>ac.in</u> crekha969@gmail.com		Smart Grid in Indian Context (Dr. Parul Mathuria, Centre for Energy & Environment, MNIT, Jaipur) parul.cce@mnit.ac.in	BEE, PAT Scheme and ESCerts (Er. Money Khanna, Project Engineer, PEDA, Chandigarh) khannamoney@gmail.com
Fbursday 8/6/2023	Wind Power Generation (Dr. AV Ravi Teja, IIT, Ropar) avraviteja@litrpr.ae.in	Clean and Low Cost Buildings (Dr. Amit Goyal, NITTTR, Chandigarh) amitgoyal@nitttrchd.ac.in	Internet of Things and its Applications in Energy Management (Dr. Garima Saini, NITTTR, Chd) garima@nitttrchd.ac.in
Friday 9/6/2023	Electric Vehicle (Dr. Shimi SL, PEC, Chandigarh) <u>shimi.reji@nitttrchd.ac.</u> <u>in</u> shimisl@pec.edu.in	Energy Management and Energy Audit (Prof. Poonam Syal)	Course feedback and Valediction (Prof. Poonam Syal)



Dr. P. Rama Lakshmi, Assistant Professor, MED, CBIT Dr.Ch. Indira Priya Darshni, Assistant Professor, MED, Dr. Kiran Kumar Amireddy, Assistant Professor, MED Mrs. N. Jyothirmayi, Assistant Professor, MED, CBIT Mrs. KNV Sreedevi, Assistant Professor, MED, CBIT Dr. T. Ratna Reddy, Associate Professor, MED, CBIT Mrs. P Anjani Devi, Assistant Professor, MED, CBIT Sri N. Jagan Mohan Reddy, Assistant Professor, ECE, Dr. S Rajeev Kannan, Assistant Professor, IT, CBIT Dr. Kiran Kumar, Associate Professor, CSE, CBIT Mrs. V Sandhya, Assistant Professor, MED, CBIT Dr. N. Venkataphanendrababu, Assistant Professor, Smt. N. Dhanalakshmi, Assistant Professor, ECE, Dr. D. Nagadevi, Assistant Professor, ECE, CBU Dr. P. Prabhakar Reddy, HOD, Mechanical, CBIT Dr. PVR Ravindra Reddy, Professor, MED, CBIT Dr. N. V. Koteswara Rao, Professor, ECE, CBIT Dr. A. D. Sarma, Professor, ECE, CBIT Dr. B V S Rao, Assistant Professor, MED, CBIT Dr. P. Sathish, Assistant Professor, ECE, CBIT Dr. P. Narahari Sastry, Professor, ECE, CBIT Dr. NV Srinivasulu, Professor, MED, CBIT Sri. Mohd Ziauddin Jahangir, ECE, CBIT Dr. G. Laxmaiah, Professor, MED, CBIT Dr. UK Choudhury, Director I & I, CBIT. Dr. P. Ravinder Reddy, Principal, CBIT. Dr.D. Krishna Reddy, HOD, ECE, CBIT Sri. N. Subash, President, CBIT **Organizing Committee** Advisory Members Co-Coordinator Chief Advisor Coordinators Chief Patron EEE. CBIT Convenor Patron CBIT CBIT CBIT CBIT

ORGANIZING COMMITTEE

DECISION AND AND AND AND AND AND AND AND AND AN	REGISTRATION FORM A One-Week	AICTE IDEA LAB FDP on Digital Manufacturing and IoT Based Prototype Development (24-28 April 2023) Organized by	AICTE IDEA LAB of Chattanya Bharathi Institute of Technology	Gandipet, Hyderabad Telangana-500075	<ol> <li>Name.</li> <li>Duro of Binh-</li> </ol>		4. Designation:	5. Tristiture:	6. Address for Communication:	2011年1月1日	8. Mobile:	9. Highest Qualification:	10.Branch:	11. Experience in Years:	12. Any other informatient.	Declaration: The information provided is true to the best of any bunnieless of extension 1 means to obtain	by the rules and regulations of the programme and shall alread the course for the entity distribution.	Signature of the Candidate	Dute:	
	ELIGIBILITY	The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians?Participants from Industry etc.) and staff of host institutions	GUIDELINES	<ul> <li>Eligible participants will be selected based on first come first serve basis and will be</li> </ul>	<ul> <li>On the last day of the program an assessment test will be conducted for all participants.</li> </ul>	<ul> <li>Accontinuodation will be provided on chargeable basis for outside station</li> </ul>		REGISTRATION DETAILS	No Registration fee		Registration link: https://forms.gle/q551U2iEqE3mgEXH9		For further details contact	Dr. B V S Rao. Assistant Professor. Dept. of Mechanical Engineering. CBIT.	Hyderabad-500075 Contact No: 9290545750	Mail Id: hystan, mech@cbit.ac.in	Dr. P Sathish, Assistant Professor.	Dept. of Electronics and Communication Environmenting, CBIT.	Hyderabad-50075 Contact No: 9177545484	Mail 1d: psathish_ece@cbit.ac.in
	ABOUT THE PROGRAMME	The objective of the program is to provide hands-on experience to the the participants in the areas of 3D Modeling using Solid Works Software, slicing using Flash Print Software and 3D Printing. In addition to this, The participants will be exposed to	Automation using IoT	The current FDP is interdisciplinary by nature, encompassing aspects of Mechanical and Electronics Engineering fields like Additive	Manufacturing. Design Thinking and Arduino etc. By attending this FDP, the participants will get a	preventent exposure on roca generation to prototype development	The topics of coverage include.	<ol> <li>Introduction to Digital manufacturing</li> <li>Protoconics and Tachnology Readiness</li> </ol>		<ol> <li>Sensor and smart materials</li> <li>3D metacting and Dastorn</li> </ol>	<ol> <li>Introduction to IoT and it's applications</li> </ol>	<ol> <li>Hands on using Arduno, Node MCU</li> <li>Various sensors with IoT development boards</li> </ol>	9. IoT Cloud Services and Implementation	RESOURCE PERSONS	<ol> <li>Recorded persons are weetness from terrene taux.</li> <li>Ryderabad, Osmania University, Industries and CBIT.</li> </ol>	CBIT Location Map:	A Support Quan			7/12/2/2000/2/2/1/ReMANL/Locs42/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/

	CHAITANYA BHARATHI
	Aspet(Village), Gandipet, Hyderabed, Telangane 500075, www.cbit.ac.in EDUCATION AND YEARS
One Weel	k AICTE-IDEA Lab Faculty Development Program (FDP)
	On
"Digital M	anufacturing and IoT based Prototype Development"
	Inaugural Function 24 April 2021 at 10:00 AM
10:00 AM	Inviting Dignitaries on the Dias
10:05 AM	Invocation Song
10:10AM	Address by Principal
	Prof. P. Ravinder Reddy, Principal, CBIT
	Chief Mentor, AICTE-IDEA Lab
10:25AM	About the AICTE-IDEA Lab FDP
	Prof. U.K. Choudhury Advisor I&I, CBIT
	Technical Advisor, AICTE-IDEA Lab
10:35AM	Address by Chief Guest
10.5574191	Prof. L. Siva Ramakrishna
	Professor, Dept. of MED, UCE, OU
10:50 AM	Vote of Thanks
1779791313143267237	Dr. B.V.S Rao
	Coordinator, AICTE-IDEA lab FDP
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### **Program Schedule**

One Week FDP

on

"Digital Manufacturing and IoT based Prototype Development" organized by AICTE-IDEA LAB of CBIT 24 – 28 April 202

Time (Hrs) Date / Day	09:30 - 10:00	10:00	11:00 - 11:15	11:15 12:30	12:30 - 13:30	13:30 - 16:00
Day 1 24-04-2023 Monday	Registration	Inaugural Session	Tea Break Break Tea Break Tea Break Tea Break Tea Break Tea Break Break Tea Break Tea Break Break Tea Break Tea Break Break Tea Break Break Tea Break Tea Break Tea Break Tea Break Break Tea Break Brea		Lunch	Hands on Session on 3D modeling using Solid Works Dr.B.V.S Rao Smt. V. Sandhya CBIT
Day 2 25-04-2023 Tuesday	5-04-2023 Prof. G. Chandra		Tea Break	Prototyping and Technology Readiness Prof. U.K Choudhury Director 1&1 CBIT	Lunch	Hands on Session on 3D Printing and Design Smt.Ch. Sushma Smt. P. Anjani Devi
Day 3 26-04-2023	ay 3 4-2023 Industrial Visit					
Day 4 27-04-2023 Thursday	7-04-2023       Dr. M. Shyam Sunder         Thursday       Asst. Professor, ECE         UCE, OU       UCE, OU         Day 5       Overview of NodeMCU         and its IoT Applications		its Applications Dr. M. Shyam Sunder Asst. Professor, ECE		Lunch	Hands on Session Interfacing of Various Sensors with Arduino UNO Board Dr. P. Sathish Smt. N. Dhanalakshmi CBIT
28-04-2023			Tea Break	Hands on Session on NodeMCU Sri.M.Z. Jahangir Dr. D. Naga devi CBIT	Lunch	Assessment Test, Feedback Session and Valedictory

# **PROGRAMME REPORT**

FDP 01 [AICTE IDEA Lab]

~Ayushi Chaturvedi, Student Coordinator, IDEA Lab

The AICTE IDEA Lab of Chaitanya Bharathi Institute of Technology recently hosted a weeklong Faculty Development Programme from 24th to 28th April 2023. The programme was coordinated by Dr. B.V. S. Rao and Dr. P. Satish, faculty coordinators of IDEA Lab, CBIT. The event was aimed at providing a technological extravaganza designed to enhance the skills and knowledge of the faculty members. The programme was a great success and was attended by distinguished speakers, technical experts, and faculty members from various institutions.

The inaugural ceremony was held on 24th April 2023, and it was graced by the presence of Dr. L. Sivaramkrishna, the chief guest, who delivered a lecture on "Digital Manufacturing for Innovative Product Development". The participants, faculty members and students, were also given the opportunity to try their hands on designing in Solidworks, which proved to be an excellent creative exercise.

Day 2 was equally exciting, with Dr. G. Chandramohan Reddy delivering a guest lecture on "Digital Manufacturing and its Industry Applications". Dr. Umakanta Chowdhury, the Technical Advisor of the AICTE IDEA Lab of CBIT, delivered an address on "Prototyping and Technology Readiness", taking the participants on a journey of discovery. They also had hands-on sessions on 3D printing using Flashprint, the resulting models of which were an absolute delight to witness.

Day 3 was the highlight of the event, with the participants visiting RamTech Industries, located in Cherlapally, Hyderabad. They were exposed to 5-axis and 7-axis turn mills from Japan and Germany, which was nothing short of a visual treat. The participants learned about CNC operations, witnessed injection moulding, laser engraving, and the arrival of the first Ultrasonic Machining Center of the country. The experience was inspiring to all the presentees.

Day 4 was all about IoT and its applications, with Dr. M. Shyam Sunder delivering a guest lecture on the realm of Internet of Things. The participants had hands-on sessions on TinkerCAD and interfacing of various sensors on the Arduino board. It was quite a challenge, but the participants rose to the occasion.

Day 5 was the perfect grand finale to the event, with Dr. D. Krishnamohan delivering a guest lecture on the overview of NodeMCU and its applications. The participants were also given hands-on sessions on NodeMCU, which was an absolute delight.

The programme concluded with the valedictory function, which was graced by the presence of Mr. Sitaram Geddam, an alumnus of CBIT (Batch of 1992), as the chief guest.

The event was attended by the Principal, Dr. P. Ravinder Reddy, the Technical Advisor, Dr. Umakanta Chowdhury, Dr. P. Prabhakar Reddy (HOD MED), and Dr. D. Krishna Reddy (HOD ECE) as the dignitaries. The participants had multifaceted takeaways at the end of the programme, including learning about multiple designing aspects and upskilling themselves with IoT interfacing to keep pace with the rapidly advancing technology. The event was an absolute delight to attend, and the participants appreciated the efforts of the organisers in providing such an enriching learning experience.









# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

# A Report on

# Online Short-Term Course (STC) on Raspberry Pi and its Interfacing

(27th February - 03rd March 2023)

AY 2022-2023

Coordinator: Dr. M Balasubbareddy, Assoc. Professor

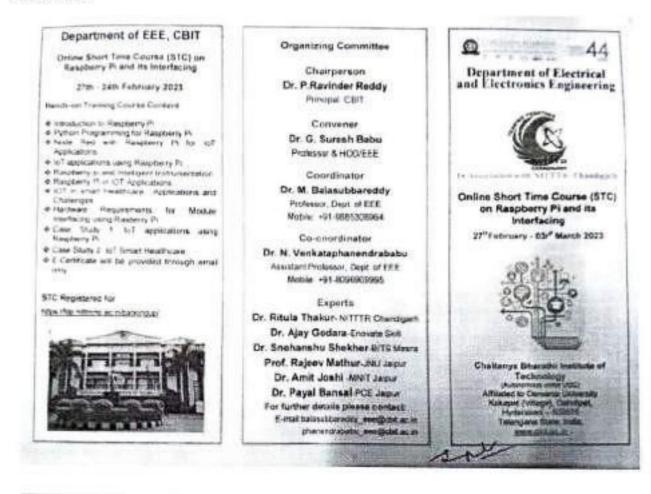
Co-coordinator: Dr. N. Venkataphanendrababu, Asst. Professor



# Department of Electrical and Electronics Engineering Chaitanya Bharathi Institute of Technology

Kokapet (Village), Gandipet, Hyderabad - 500075, Telangana. www.cbit.ac.in ISO 9001:2015 Certified Institute

#### Brochure



#### Chatarya Brarathi Institute of Technology ICRITI

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#### About Department

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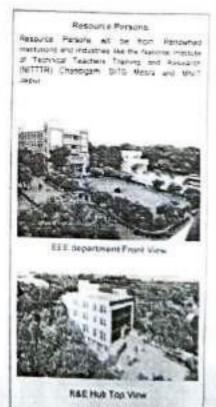
About Short-Term Course (STC)

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STC Hogisfiphion





#### Time Table

# Chaitanya Bharathi Institute of Technology, Hyderabad

### In association with

# National Institute of Technical Teachers Training and Research, Chandigarh

**Electrical and Electronics Engineering Department** 

Online STC (ICT-121) on

### **Raspberry Pi and its Interfacing**

27/02/2023 to 03/03/2023

		Schedule		
Day & Date	10-11.30 am	11.30am – Ipm	1-2 pm	2.00 pm - 3.30
Monday 27/02/2023	Inauguration ceremony	Introduction to Raspberry Pi (Dr. Ritula Thakur)	L	Python Programming for Raspberry Pi (Dr. Ritula Thakur)
Tuesday 28/02/2023	Node Red with Raspberry (Dr. Ajay Godara		U	Practice Task (Dr. Ritula Thakur)
Wednesday 01/03/2023	IoT applications us (Dr. Ajay Godara		N	Practice Task (Dr. Ritula Thakur)
Thursday 02/03/2023	Raspberry pi and Intelligent Instrumentation (Dr. Snehanshu Shekher- BITS Mesra)	Raspberry Pi in IOT Applications (Prof. Rajeev Mathur- JNU Jaipur)	С	IOT in smart Healthcare Applications and Challenges (Dr. Amit Joshi -MNIT Jaipur)
Friday 03/03/2023	Hardware Requirements for Module Interfacing using Rasberry Pi (Dr. Payal Bansal-PCE Jaipur)	Quiz (RT)	н	Valediction

Dr. Ritula Thakur- NITTTR Chandigath Dr. Ajay Godara-Enovate Skill Dr. Snehanshu Shekher-BITS Mesra Prof. Rajeev Mathur-JNU Jaipur Dr. Amit Joshi -MNIT Jaipur Dr. Payal Bansal-PCE Jaipur

Coordinator: Dr. M. Balasubbareddy, Associate Professor Co-coordinator: Dr. N. Venkataphanendrababu, Asst. Professor

# List of Registered Participants

S.	Name of the Participant
1	A KRISHNAMA CHARY
2	ABHINAV PEDDINI
3	ADWAITH GANJI
4	AISHA NASUTMA
5	AKANKSHA YADAGIRI
0	AKSHAY ARPULA
7	AMGOTH RAVINDER
8	ANUMALA VISHNU VARDHAN
9	ANUMALLA HARSHITH
10	AZKA IHTESHAM UDDIN AHMED
11	B KRISHNA CHAITANYA
12	B MAHESHWAR
13	B.YADAIAH
14	BANOTH HARJUN
15	BASHABOINA RAJU
10	BHARATH PATTEPU
17	BHEEMARI PRANESH
18	BHUKYA VIGNESH
19	H VENKATA KRISHNA REDDY
20	CHILUVERI VISHNU VARDHAN
2,1	CHINTAKUNTA CHARAN KUMAR
22	CHOLLETI HARISH
13	DEVAREDDY HARSHA
24	DEVARUPPULA SAIRAM
25	DEVIREDDY SATHISH
6	DEVSOTH SRINIVAS
27	DIVYAREDDY DHAMMA
28	DOPPA SAI THARUN
29	DR BALASUBBAREDDY M
30	DR N VASANTHA GOWRI
31	DR.G.SURFSH BABU

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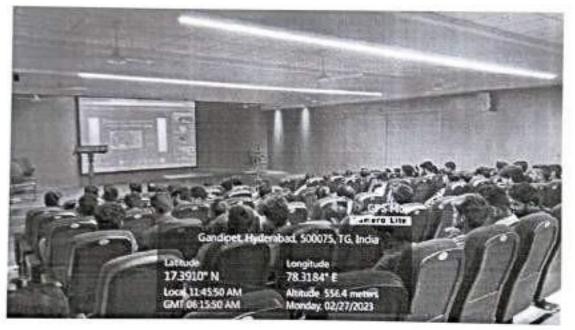
32	DR.KOLA RAMESH
33	ESHWAR GANJI
34	GADDE GNANDEEP
35	GAJWARI SALKIRAN
36	GANDLA SAKETH KUMAR
37	GATTU VAMSHI
38	GOWTHAMI CHUNDURU
39	
15200	GUNDA SREESHMA
40	GUNDLA SRIDHAR REDDY
41	GUNTURU ANDREWS GNANA DEEPAK
42	GYARA BHANU PRASAD
43	HARI KRISHNA G
44	HONNESH MANDAPATI
45	JAYA SAI TANMAYI KANCHAPU
46	K MALLESHA
47	K VINAY KUMAR REDDY
48	KASU NARASIMHA
49	KISHORE M
50	KOWSTUBHA PALLE
51	KUNDANA POOSKUR
52	KUNDURU VENKATA SAI CHARAN REDDY
53	LAKKEPURAM SHIVA PRANAY
54	MADHILESH ERRAMSHETTI
55	MANNEM RAVI TEJA
56	MANTHANI ANOOPKUMAR
57	MARAPALLY SAI CHARAN
58	MD FERDOUES
59	MEDARI MAHENDAR
60	MEESALA MANOJ KOUSHIK SOSA
61	MOHAMMAD YAKUB PASHA
62	MOHAMMED FAISAL
63	MOHAMMED RAYYAN
64	MUZAFFAR NAVEED
65	NAGASRI BURA
66	NAGULA RACHANA
67	NALLA VISHNU TEJA
68	NANDIKONDA SAIARUN
69	NATHAM SANTHOSH
70	P KIRAN KUMAR

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71	P VENUMADHAVA CHARY
72	P VIJAY BABU
73	P. HEMESHWAR CHARY
74	PASIKA SATHISH
75	PATAN AZEEZ KHAN
76	PATTURI SAIPRIYA
77	PAVAN KALYAN VADGURE
78	PAYYAVULA SUJITH
79	POOJA REDDY NARAYANA
80	PRAGHNAY REDDY
81	RAM BABU THOGARU
82	RASAMADUGU HAREYAANK
83	SAGARIKA MERUGU
84	SAITEJA DASARI
85	SAKAM MANIKANTA REDDY
86	SANGEETHA BACHALA
87	SANGEM SRINIVAS
88	SATYAM SHARMA
89	SHAIK RAHIMPASHA
90	SHAIK UBAID
91	SHASHANK
92	SHASHMITH BALAJI SHAGANTI
93	SHIVA NANDU MALKAM
94	SRIHAAS K N S TADIKONDA
95	SUSHMITHA GUDLA
96	T SHIVAIAH
97	T. MURALI KRISHNA
98	THANIKANTI SUDHAKAR BABU
99	V SHANTAN RAMI REDDY
100	V SIVA RAMA KRISHNA
101	VAISHNAVI SANUGOMMULA
102	VAVILALA ROHITHA RAGA
103	VEMULA RAJESHWAR REDDY
104	VENKATAPHANENDRABABU
105	VUTUKURI GOPICHAND

#### Photos

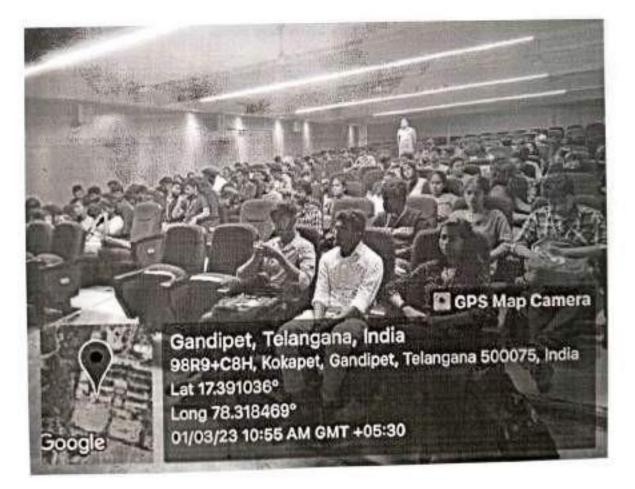


















### Attendance sheet

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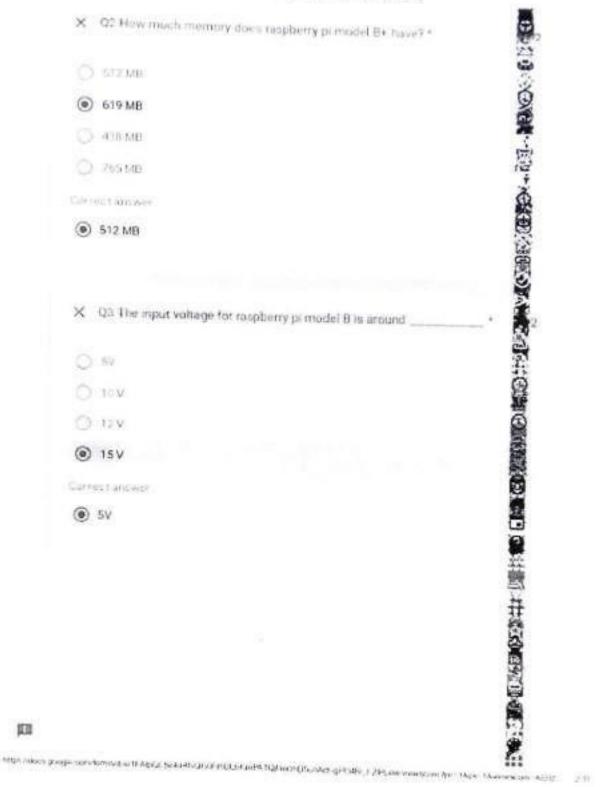
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# Sample Quiz

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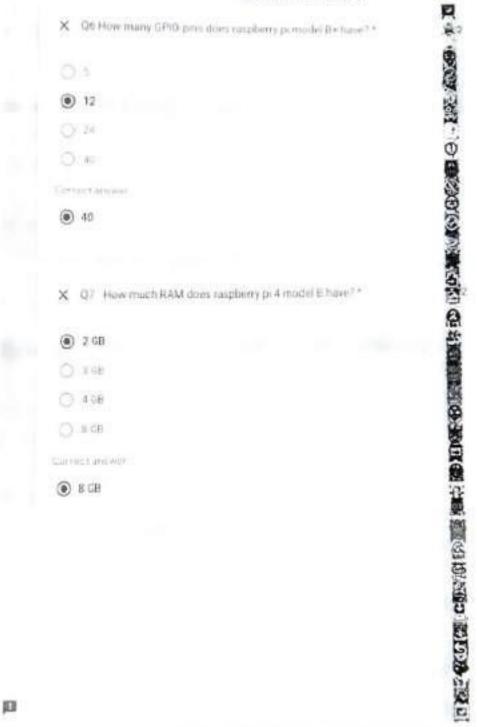
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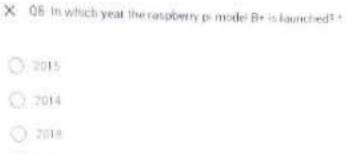
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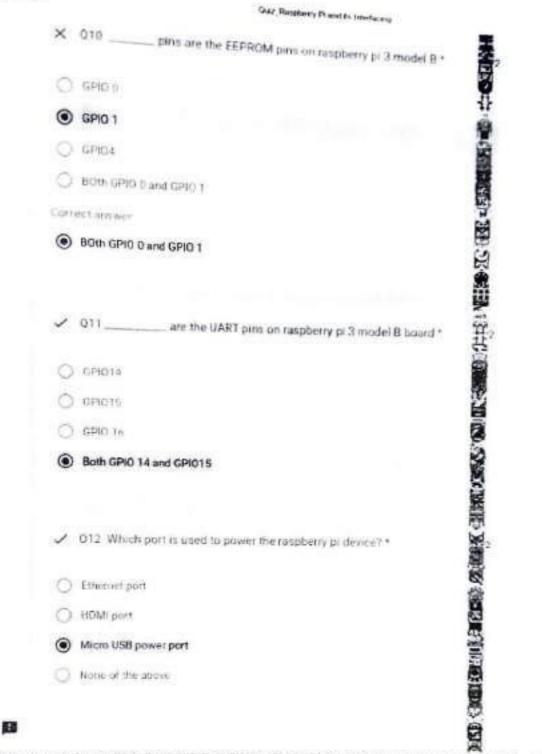
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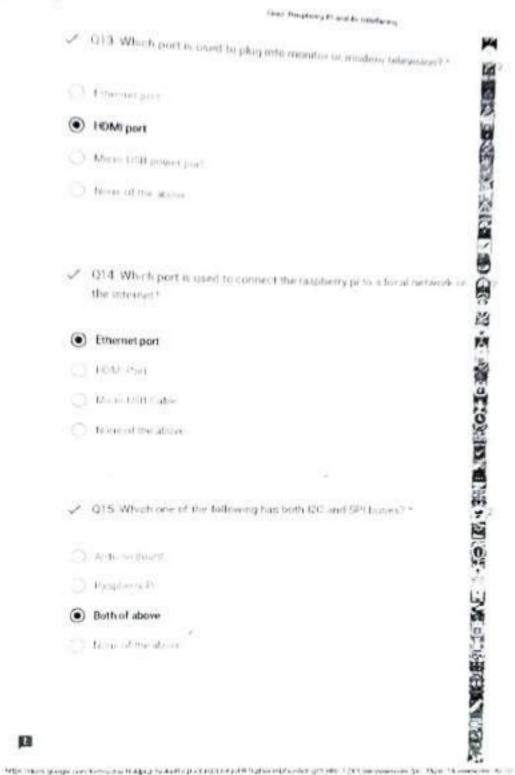
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### Course Materials

## Video -Links:

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# Tutorial on projects based on R-Pi

https://projects.raspberrypi.org/en/projects/getting-started-with-node-red/10

### Node Red Flows:

https://drive.google.com/file/d/11HiHLGV8\_hb3TneUT5vEKRdNBkCJVXN-/view?usp=sharing

# Lecture Material:

https://drive.google.com/file/d/10RSKizI80TiYDi0xPsF6licIh1t79poU/view?usp=sharing



CHAITANYA BHAPATHI

### A Report on

Online Short-Term Course (STC) on Big Data Applications in Electrical Engineering

(20th - 24th February 2023)

AY 2022-2023

I M.E., I-Semester

Coordinator: Dr. M Balasubbareddy, Assoc. Professor

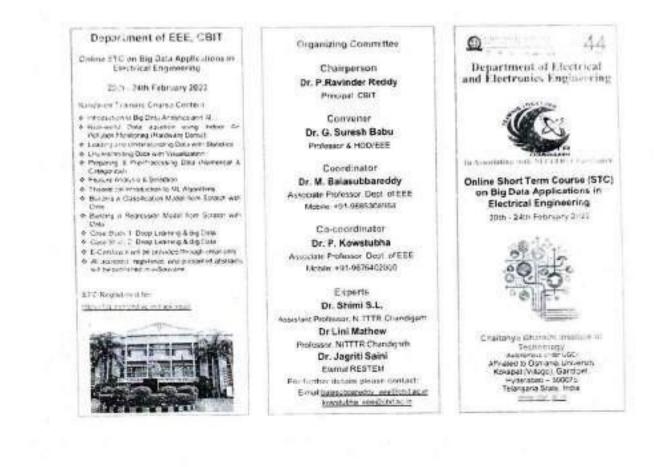
Co-coordinator: Dr. P. Kowstubha, Assoc. Professor



Department of Electrical and Electronics Engineering Chaitanya Bharathi Institute of Technology

Kokapet (Village), Gandipet, Hyderabad - 500075, Telangana, www.coit.ac.in ISO 9001-2015 Certified Institute

#### Brochure



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### Time Table

### Chaitanya Bhr, athi Institute of Technology, Hyderabad In association with National Institute of Technical Teachers Training and Research, Chandigarh Electrical and Electronics Engineering Department

### Online STC (ICT-172) on

Big Data Applications in Electrical Engineering, during 20/02/2023 to 24/02/2023

		IME-IADLE	
DAY & DATE	Live Session - 1 10.00 AM to 11. 30 AM	Live Session - 2 12.00 PM to 1.30 PM	Live Session - 3 2.30 PM to 4.00 PM
Monday 20/02/2023	Course Inauguration & Introduction to Big Data Analytics (SSL/JS)		Introduction to IoT and A (JS)
Tuesday 21/02/2023	Indoor Air Pollution Monitoring - IoT Case Sta (JS)	Loading & Understanding Data with Statistics (JS)	Uaderstanding Data with Visualization (JS)

### TIME-TABLE

Wednesday 22/02/2023	Preparing & Pre-Pre-cessing Data (Numerical & Categorical) (JS)	Preparing & Pre- Processing Data (Numerical & Categorical) (JS)	Feature Analysis & Selection (JS)
Thursday 23/02/2023	Theoretical Introduction to ML Algorithms (JS)	Building a Classification Model from Scratch with Data (JS)	Building a Regression Model from Scratch with Data (JS)
Friday 24/02/2023	Case Study 1: Deep Learning & Big Data (JS)	Case Study 2: Deep Learning & Big Deta (JS)	STC Valediction (SSL/LM)

SSL : Dr. Shimi S.L, Assistant Professor, NITTTR Chandigarh 1.M : Dr Lini Mathew, Professor, NITTTR Chandigarh

JS: Dr. Jagriti Saini, Founder Eternal RESTEM, Sunder Nagar, HP

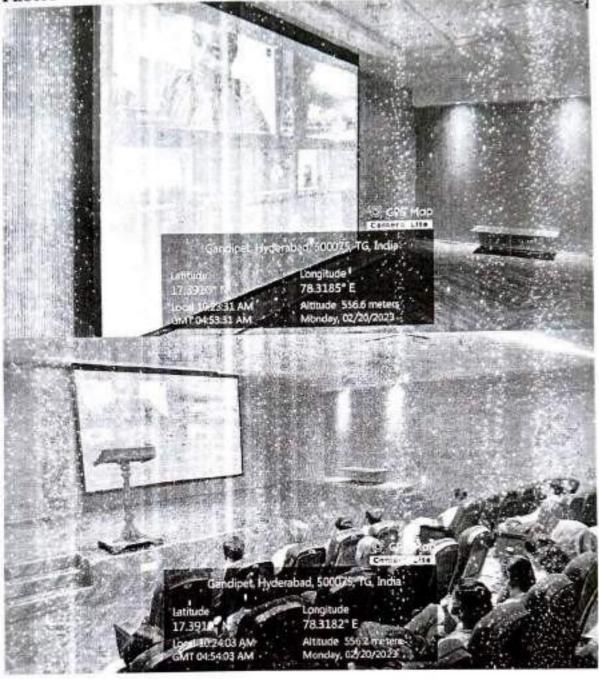
Coordinator: Dr. M. Balasubbareddy, Associate Professor Co-coordinator: Dr. P. Kowstubha, Associate Professor

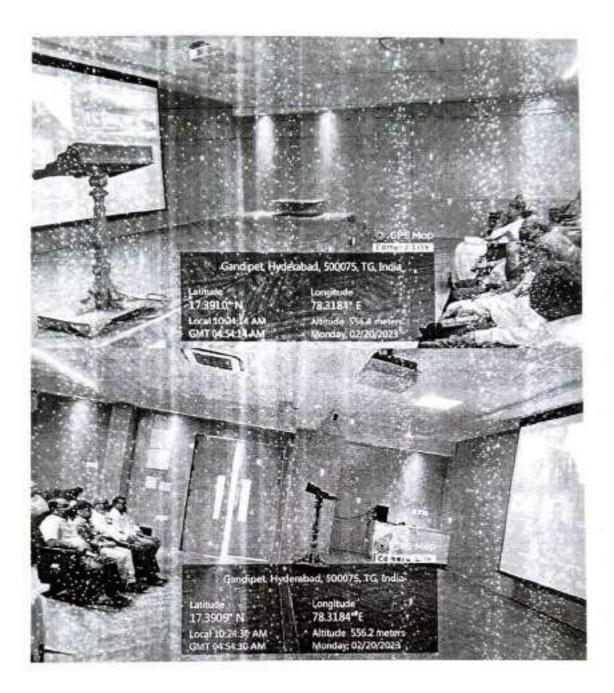
List of Registered Participants

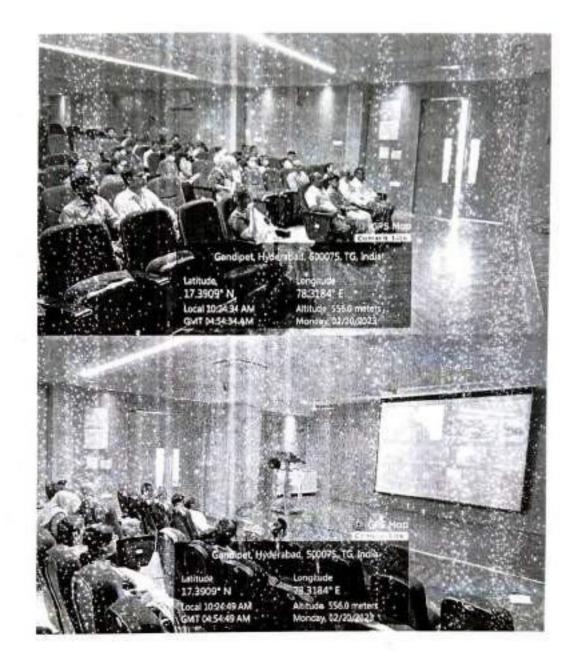
S. No.	Name of the Participant		
1	A KRISHNAMA CHARY		
2	AZKA IHTESHAM UDDIN AHMED		
3	B KRISHNA CHAITANYA		
4	B MAHESHWAR		
5	B.YADAIAH		
6	BALASUBBAREDDY MALLALA		
7	BHEEMARI PRANESH		
8	CHOLLETI HARISH		
9	DASYAM SUSHMA		
10	DEVAREDDY HARSHA		
11	DEVIREDDY SATHISH		
12	DEVSOTH SRINIVAS		

13	DR K SUMAN
14	DR.A.VANI
15	DR.CH.VENKATA KRISHNA REDDY
16	DR.G.SURESH BABU
17	DR.SURESH KUMAR
18	HARI KRISHNA G
19	1.PRANAV
20	K MALLESHA
21	K VINAY KUMAR REDDY
22	KAVITA GOURA
23	KISHORE M
2.5	KOWSTUBHA PALLE
25	M P RADHA
26	MADHULIKA DAS
27	MOHAMMAD YAKUB PASHA
28	N.SANTOSH KUMAR
29	NARASIMHULU
30	P VENUMADHAVA CHARY
31	P VIJAY BABU
32	P. HEMESHWAR CHARY
33	POOJA MUNNOLA
34	RAM BABU THOGARU
35	SANGEETHA BACHALA
36	SANGEM SRINIVAS
37	SHAIK RAHIMPASHA
38	SUPRAJA REDDY AMMANA
39	T. MURALI KRISHNA
40	THANIKANTI SUDHAKAR BABU
41	V SIVA RAMA KRISHNA
42	VENKATA PRASAD PAPANA
43	VENKATAPHANENDRABABU
44	YUVARAJ PRANEETH

#### Photos









#### Attendance sheet



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#### Sample Quiz

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### Quiz

Total points

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STC on Hig Data Applications in Electrical Engineering, during 20/02/2023 to 24/02/2023

#### Email \*

balasubbareckiy\_eee@cbit.ac.m

Identify the type of information which tableed annung data is used.\*

- Semi-Supervised Learning
- Unsupervised Learning
- Supervised Leanung
- Reinforcement Learning
- Schlinch ere of the follow one of the library for insuffine learning algorithm in Port free Python?
  - seaborn
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Correct answer

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Which of the following who a machine learning algorit m?\*.

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MinngsDR is a \_\_\_\_\_ fieldbare.\*

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#### 2/24/27: 2:37 PM

Which are of the following to the correct extension of the Python file?\* 1/1

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An engst which of the following shows an example of unstructured data.\* 1/1.

All 1, 2 and 3

2. Videos

Only 2 and 3

3. Audio files

1. Student's roll number, age

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#### **Course Materials**

Wind Turbine Dataset - EDA and Prediction:

https://colab.research.google.com/drive/1RgjFDD6sSYmq7GR9dfi7NVAZ533oyll?usp=sharing

Building Model from Scratch:

https://culab.research.google.com/drive/iwSiLPfYFHzg\_J2YizYmnUwFuN29hT\_quPusp=5 haring

energy\_dataset.csv

https://www.kaggle.com/datasets.nicholasjhana/energy-consumption-generation-prices-andweather

Interpolation documents

nttps://pandes.pydata.org/docs/reference/opi/pandes.DetaFrame interpolate.html

#### **Related** information

https://scras.ig/api/layers/recurrent\_tavers/simple\_mn/





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#### Department of EEE, CBIT Presents A Guest Lecture

### on

"Energy Transition: Contemporary & Conventional Technologies for Power Generation" Date Abstract

27<sup>n</sup> December 2022, Tuesday Time 11:00 – 12:30 PM (IST)

Patron Prof.P.Ravinder Reddy Director & Head, R&E Centre CBIT(A), Hyderabad

Advisors Prof. G. Suresh Babu Head of the Department EEE, CBIT, Hyderabad.

Event Coordinator Sri.C.Srisailam Asst. Professor, EEE Dept., CBIT(A) <u>srisailame\_eee@cbit.ac.in</u> Dr. Ahmad Syed Asst. Professor, EEE Dept., CBIT(A) ahmadsyed\_eee@cbit.ac.in Power sector globally is undergoing significant changes in recent times and more so in developing economies such as India. The rate at which such change is taking place is unprecedented in many ways. This talk will re-emphasize the significance of sustainable & affordable power generation to the overall economic prosperity. The current power generation scenario, developments, and opportunities in Indian power sector will be presented with an aim to motivate the audience to understand the dynamics, initiate interest to explore further study, and contribute to growth and development of both conventional and contemporary power generation technologies for varied applications

#### About the speaker

Dr Suresh M V J J is an alumnus of IIT Madras and currently working with GE India Technology Centre, Bengaluru as an Engineering Manager. Dr Suresh started his professional career with GE Global Research, Bengaluru and then shifted to GE Gas



Power for pursuing technology applications. For a brief period of a year, Dr Suresh worked with AREVA Solar, Mumbai to contribute towards power generation technologies using renewables. Currently, he leads the Power Plants Performance Center of Excellence (CoE) for global customers handling both hardware and digital (IoT) solutions at GE Gas Power. Dr Suresh completed his undergraduate degree in Mechanical Engineering from Jawaharlal Nehru Technological University, Hyderabad and Masters in Energy Management from Sri Venkateshwara University, Tirupati. Thereafter, Dr Suresh obtained Ph.D. in Mechanical Engineering from Indian Institute of Technology Madras. He is a certified energy auditor from Bureau of Energy Efficiency, Ministry of Power, India. Dr Suresh's research publications are listed in top read articles of ASME, IMechE, and Elsevier journals. In his professional career, Dr Suresh contributed to winning and successful execution of several multi-million-dollar projects. He won Gannett Memorial Award from "The Institution of Engineers (India)" and several management recognitions awards from GE. He has both patents and trade secrets filed to his credit. As a social responsibility in his personal capability (voluntarily outside organization's work), Dr Suresh loves to share industry relevant knowledge with the young engineering students to motivate them towards core engineering branches and especially energy technologies.





#### GUEST LECTURE

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Chamanya Di-rathi Institute of Tegunings 23DEC 10 Dated Dec 21" 2022 The Principal Hyders eđ. CBIT (A), Hyderabad (Through proper charnes Gasdipet, S.R. Dis., ") EVDERADAD-500 075. Sub: Guest lecture-COC-EEE-GE-27-12-2022 Reg-Reg. Respected air COCR Department of Electrical and Electronics Engineering Department together Organising a guest acture on "ENER/GY TRANSITION: CONTEMPORARY AND CONVENTIONAL TEDNINOLOGIES FOR POWER GENERATION" The session will be conducted by Dr. Sareth M V J I, Alumni of ETM and working with GE India Technology Centre, Bengaluru as an Englesering Manage. We request for your permission to conduct the same and provide required honorarium. We also request you please permit to conduct the same in Assembly hall first floor above canteen. Target audience: BE-Mechanical, EEE, ECE & Chemical III BVIII Sem students The topic being Multidisciplinary. ) Time & Date: 27-12-2022 at 13:00 AM to 12:30 PM. Thank you sin For 21/19 **C**-Srisellam **Dr. Syed Abmail** Assistant Professor, EEED, CBIT (A) 10 NCOUNTS Scanned by Scanner Go



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Chaitanya Bharathi Institute of Technology (A) Department of Chemical Engineering

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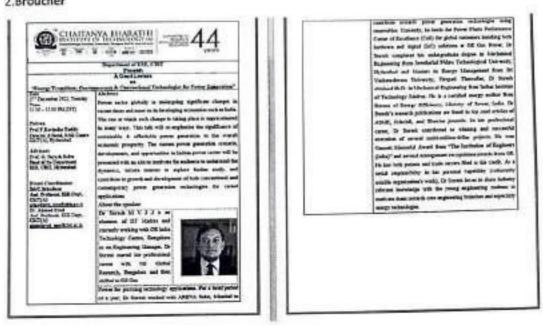
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2.Broucher

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#### 3.Attendance statement

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4.Photos

0



During the session time with students



After the session with keynote speaker

5.Press coverage

# సాంకేతికతతో విద్యుత్ ఉత్పత్తి ఎంతో అవసరం డాక్టర్ సురేష్



హైదరాబాద్.27ది సెంజర్,భాంతిజ్యోతి: సొంకేతకతో విద్యుత్ ఉర్పత్తి ఎంతో అవసరమని దాజ్రర్ సురష్ అన్నారు.జిఈ ఇండియా టెత్నాలజీ సెంజర్, ఇంజనీరింగ్ మేనేజర్గా పని చేస్తున్న దాజ్రర్ మరిష్ సీలీజడి కళాళాలలో అవిధి ఉపన్యాసం చేసారు. ఈ సందర్భంగా దాజ్రర్ మరిష్ మాట్లారుతూ ప్రపంచ వ్యాప్తంగా విద్యుత్ రంగంలో ఇదీవలి కాలంలో గణనీయమైన మార్పులు వస్తున్నాయని,భారత దేశం సంది అభివృద్ధి విద్యుత్ ఉర్పత్తి ఎంతో అవసరమన్యారు.

ధారకీయ విద్యుత్ రంగంలో భ్రస్తుత విద్యుత్ ఉత్పత్తి, పరిణామాలు, అవకాళాలు గురుంచి వివరించారు. పనరుత్పాడక శక్తి ఉపయోగించి విద్యుత్ ఉత్పత్తి,పోర్ట్లోవర్, దిజిటల్ సొల్యూషన్లను అనగా ఇంటర్నెట్ అఫ్ థింగ్స్ ర్వాహ మనం విద్యుత్ అవా చేసుకోవచ్చని తెలిపారు.సి (జీశ్రిలం,దాజ్రర్ అప్పాద్ నయ్యద్ త కార్యభమానికి నిర్మభారులుగా వ్యవహరించారు.ఈ కార్యక్రమంలో విద్యుత్ విధాగ అధిపతి భ్రూఫినర్ నురక్,ధర్యావకులు,విద్యార్మలు పాల్గొన్నారు.

### 6.Minuties of meeting

- Inter disciplinary engineering is required for any power generation part •
- HDI depends and health care ditracy, GDP
- Max than one third of global electricity once from the low carbon sources
- Majority of the emission was from fossil fuels
- Over the next 20 years coal contribution in electricity is going to decrease
- Renewable energy is going to increase in contribution energy
- Gas will be flat renewable energy is going to increase in 20 years •
- Power sector is about 50% of the co2 emissions
- Current installed capacity in India 400000 Mw which is roughly 2000000 roes ٠
- . Obsciensy is the very high for core side than code side
- It is nearly 2-3 years for software stall whereas 10-12 years core side
- Co2 capture and storage, hydrogen energy, high efficiency renewable grids and AJ/ML adoption is the opportunity
- Hydrogen producing hydrogen is very expensive
- Blue hydrogen made from CH4, Co2 is captured and stored .
- Green hydrogen in which is Co2 not released
- Electrolyser, solar PV
- According to Betz's law no turbine can captured more than 59.3% of K.E of wind
- · Grid innovation smart grid is a combination of micro and mini grids with fine branch and supply system control
- · Waste to energy (opportunities can be done in this filed)



Total Centre, CBIT Celebrating the 4 <sup>th</sup> Research Day on	CBIT search Day	Organizing Committee	
17 December 2022	2022	Chairperson	1
General Guidelines		Dr. P.Ravinder Reddy	Research and Development
Abstracts are invited from Students, Research Scholars, Academicians and Industry Persons. The Abstract Academicians	Students, Research Industry Persons,	Director & Head of R&E Hub	Centre
300 words	of to a maximum of	Advisor	Kee Hun
Submitted Abstracts should not have been previously published in any other conference.	d not have been	Dr. A.D. Sarma	
journat, book chapter etc., Authors should satisfy the standard norms of	standard norms of	Director R&D	4"Research Day-2022
All submitted Abstracts will be reviewed by expert	reviewed by expert	Conveners	Saturday, 17 December 2022
1000	should register for the	1. Dr. M. Balasubbareddy Associate Professor Dent of FFF	10:00 AM - 5:00 PM
E-Certificate will be provided through email only.	through email only.		C.
All accepted, registered and presented abstracts will be published in e-Souvenir	presented abstracts	<ol> <li>Dr. S. Shanmukharao Samatham Assistant Professor, Dept. of Physics</li> </ol>	00000
Events Registered for		0.000	
Oral/Poster/idea Presentation	c	<ol> <li>Ur. U. Sartha Assistant Professor. Dept. of Chemistry</li> </ol>	
https://forms.ele/yp0Z/9sZrcB6rVCW6	/CWB	Mcbillo: +91-9591908844 4. Sril. K. Lakshmanna	
Registration Fee		Senior Research Assistant, R&D Centre Mobile: +91-9177935064	
Category	Author (INR)		
Industry	Rs. 500/-	For further details ploase contact:	
Faculty Member	Rs. 300/-	E-mail:researchday@cbit.ac.in	
Research Scholar and Student	Rs. 200/-	Immostant Dates	Chaitanya Bharathi Institute of
Others	Rs400/-	Last Date for Submission : 18 November 2022	Technology
Online Payment Details Acc. Name: CBIT Recurring Expenditure Account Number: 180401001258 RTGS / NEFT IFS Code: ICIC0001804	nditure 1804		Autonomous under UGC) Affiliated to Osmania University Kokapet (Village), Gandipet, Hyderabad - 500075 Telangana State, India. www.cbit.ac.in

urce Persons	Institutions and Industry in India and Abroad. Ermerging Areas to be Covered With a view to understand the impact of Government, Corporates, Educational Institutions, Investors on Innovation Ecosystem, the following	intensive coverage: 1. Developing Entrepreneurship Capabilities 2. Establishing 'Start Ups' – Experiences by Promoters 3. Current Status of Research in Industries 4. Launching of Research based Projects	RAE Hub Back View	R&E Hub Top View
About Research Day RESEARCH DAY the torread initiation for the		network with faculty, fellow students and local industry who are sharing the same vision from India and abroad and learn the quality of Innovation - including the quality of scientific publications, the quality of Universities and patent related filings and recognize their own research while respecting others research in a Win-Win stuation for all.	Research Participants Each of the Participants interested to showcase their work should submit an Abstract of the Research papers not exceeding 300 Words in the prescribed format available in the registration form and submit the same on or before 20 August 2022. Exciting Prizes will be awarded to the best Research Papers ender various Categories. For details, please, visit the Website: <u>www.cbit.ac.in</u>	R&E Hub Front View
ChaitanyaSharathi kusitute of Technology (CBIT)	CBIT is one of the premier Engineering Institutes in India, pioneer in Telangana Stato, which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 43 years by producing about 25,000 Eminert and skilful Graduate Endineers, who are successful	In their Careers, serving all over the Globe. CBIT Students are prepared and perfected to secure Placements in reputed MNCs. The Institute has been accredited by NAAC – UGC with 'A' Grade and various programs are accredited by NBA – AICTE. The UGC has granted Autonomous Status from the Academic Year 2013-14 onwards. Stringent Academic Standards, Industry Compliant	Teaching Methodology, Research Projects from Private and Public Sector organizations Industries in Engineering and Management and Consultancy Practice, enabled the Institute to establish its Identity in the Technical Education and is ranked as one of the best amongst the Private Engineering Colleges in both the Telugu Speaking States. About R and E Hub To enhance research activities and cultivate pleasant research atmosphere, a multi-crore state of the art building with all modern technical facilities was established in the year 2018. It facilitates all	departments to carry out advanced research, establish incubation cells and start-ups. The R&E Hub, with its State-of-the-Art Infrastructure, helps to promote Research and Innovations amongst the Faculty and Students by identifying new Research Areas, developing Projects leading to Publications, Products, Innovations and Start-Ups. All research activities are being streamlined to make a mark in 'Make in India' concept of Indian Government. It has two main wings namely Research and Development (R&D) Centre and Innovation and Incubation Center (IIC).



# Chaitanya Bharathi Institute of Technology (A)

Proceedings of 4<sup>th</sup> Research Day 2022 Saturday 17<sup>th</sup> December 2022

ISBN 978-93-90728-15-2



Organized by Research & Development Centre Research & Entrepreneurship Hub Chaitanya Bharathi Institute of Technology (A) (Autonomous under UGC) Affiliated to Osmania University Hyderabad-500075 Telangana State, INDIA www.cbit.ac.in



# **Research and Development Centre**

# **R&E Hub**

# 4th Research Day-2022

(Online mode)

Saturday 17 December 2022: 10 AM-5 PM

### **Organizing Committee**

Chairperson Dr. P Ravinder Reddy Director & Head of R&E Hub

#### Advisor

Dr. A.D. Sarma Director R&D

Convenors Dr. M. Balasubba Reddy Associate Professor, Dept. of EEE

Dr. S. Shanmukharao Samatham Assistant Professor, Dept. of Physics

Dr. D. Saritha Assistant Professor, Dept. of Chemistry

Sri. K. Lakshmanna Senior Research Assistant, R&D Centre

R&D Centre, CBIT

4th Research Day-17 December 2022

### FOREWORD

Chaitanya Bharathi Institute of Technology (CBIT), committed to Research and Innovation, with an objective to facilitate Individual and Collaborative Research for Sponsored and Consultancy Projects, has established, on the 23<sup>rd</sup> of August, 2018, a State -of-the-Art Research and Development Centre, to support advanced Research and Innovation Ecosystem, connecting Innovators across Industry and Individuals. The Mission of the Centre is to streamline the research activities and contribute products, processes and systems, to make a mark, in the 'Make in India' program actively and aggressively promoted by the Government of India. To achieve this, each of the Departments will engage in advanced research, in the independent space earmarked to them.

Commemorating CBIT's 43 years of successful Journey in the Field of Technical Education, the Institute has organized the third 'Research Day' in the Institute's Campus on 17 December 2022, by inviting the Research Scholars, Faculty, Students and other scientists from industry and institutions, engaged in research to participate in the proceedings and present their works as abstracts. There has been an overwhelming response not only from CBIT fraternity but also from the research community across India. The meticulously selected Abstracts have been compiled and published as *Book of Abstracts* showcasing the Research in Progress and the outcomes of the completed Projects. This compilation of Research Abstracts will serve as a source of knowledge and inspiration to the discerning researchers and also enable them to appreciate the challenges in developing the innovate products while showcasing on the present status of the products and their principles of operation undertaken by other Researches, developers and enthusiastic engineers.

The knowledge gained from this Research Day will not only help the participants to better define their requirements and develop advanced products but also encourage the industries to develop high performance, cost effective and affordable products in addition to stimulating the academic faculty to focus on developing innovative products.

The Research Day has progressed successfully and it has inspired many of the targeted Scholars and Researchers whose contribution has made the launch a successful endeavor. We are

R&D Centre, CBIT

#### 4th Research Day-17 December 2022

honoured to have with us the Dr G. Satheesh Reddy, Scientific Adviser to Raksha Mantri, Ministry of Defense, Govt. of India, for accepting our Invitation and for being the Chief Guest. His Presentation of the Research Works have been an inspiration. We also thankfully appreciate Sri N. Ravi Chander, Ex. Executive Director BHEL, Hyderabad and Dr. T. Ravi Shankar Former Dy Director (Bhuvan Geoportal and Web Services area) NRSC, ISRO, Hyderabad for accepting our Invitation and for being the Guest of Honours. We also thankfully appreciate Prof. Milos Stojmenovic Department of Computer Science & Engineering, Singidunum University, Serbia Sri Pranav Hebbar Founder - Make Room India (Global) & Uttunga Ventures Bengaluru, Karnataka, India, for accepting our invitation and for being the keynote speakers.

The Research Day Convenors, Internal Committees and the supportive Entities have responsibly undertaken their assignments and their efforts will remain laudable in the years to come. Special appreciation is to Sri K. Lakshmanna, Senior Research Assistant, R&D Centre and other departmental Research Coordinators who endeavored relentlessly in compiling this Collection of Abstracts as a Book.

With great pleasure, we thankfully acknowledge the participation of all the Delegates and hope they would be our Knowledge Partners in all the future annual programs of the Research Day Celebrations, and we formally through this message, invite them to participate in the future Research Days at our institute.

With Warm Wishes,

Sarma

Dr. A. D. Sarma Director, R&D

Dr. P. Ravinder Reddy Director & Head of R&E Hub and Principal

4th Research Day- 17 December 2022

Time IST (Hrs.)	Programme
09:50-11:15	Inaugural Session
	Key Note Speaker-1
	AI in Health Care, Robotics, and
11:30-12:15	Biologyby
	Prof. Milos Stojmenovic
	Department of Computer Science & Engineering, Singidunum University, Serbia
A PROPERTY A	Key Note
	Speaker-2
12:15-13:00	Innovations for
	Bharatby
Section States	Sri Pranav Hebbar
and the second s	Founder - Make Room India (Global) & Uttunga
The second for	VenturesBengaluru, Karnataka, India
13:00 - 14:00	Lunch Break
14:00 - 16:00	Presentations-Respective Departments
16:00 - 16:15	Break
16:15 - 17:00	Valedictory Session

# **Programme Schedule**

17

4th Research Day-17 December 2022

### Invitation



# Chaitanya Bharathi Institute of Technology (A)

Accredited NBA-AICTE & NAAC-UGC An ISO 9001:2015 Certified Institution Gandipet, Hyderbad -500 075, Telangana State Gandipet, Hyderabad

On behalf of the management and staff We cordially invite you to the inaugural function of

# 4th Research Day-2022

at 10:00 Hrs on Saturday, the 17 December 2022 (Offline mode)

Sri N. Ravi Chander Ex. Executive Director BHEL, Hyderabad Guest of Honour 1

Dr. T. Ravi Shankar Former Dy Director (Bhuvan Geoportal and Web Services area) NRSC, ISRO, Hyderabad Guest of Honour 2

Dr. G. Satheesh Reddy Scientific Adviser to Raksha Mantri, Ministry of Defence, Govt. of India Chief Guest

Dr.P.Ravinder Reddy Principal, CBIT has graciously consented to preside over the function

Dr.A.D.Sarma Director, R&D, CBIT Dr.P.Ravinder Reddy Director and Head of R&E Hub

R&D Centre, CBIT

4th Research Day-17 December 2022

20

# Programme

Inviting Dignitaries on to the Dias and Lighting the lamp
Invocation
Welcome address and About the college Dr. P Ravinder Reddy, Principal, CBIT
About the R&D Centre and Research Day Dr. A.D.Sarma, Director R&D
Release of Research Day Proceedings By Chief Guest
Address by Chief Guest Dr G. Satheesh Reddy, Scientific Adviser to Raksha Mantri, Ministry of Defence Govt. of India
Address by Guest of Honour 1 Sri N. Ravi Chander, Ex. Executive Director BHEL, Hyderabad
Address by Guest of Honour 2 Dr. T. Ravi Shankar Former Dy Director (Bhuvan Geoportal and Web Services area) NRSC,ISRO, Hyderabad
Presentation of Mementos to Guest of Honour and Chief Guest by Dr. P Ravinder Reddy, Head and Director-R&E Hub
Vote of Thanks Dr. S.Shanmukharao Samatham

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S. No	Dept.	Name of the session chair	University / Institute	
1	Chemical	Archana Giri	JNTUH University	
2 Civil		Darapureddi Ravi prasad	NIT	
3	CSE	G. Suresh Reddy	JNTU Kukatapally	
4		Rahee Amit Walambe	Pune	
5	п	T V S Udaya Bhaskar	HAL CAMPUS	
6	ECE	Ashish K R Shukla	ISRO, Ahmedabad	
7	ice.	K. Rama linga Reddy	Raidurg	
8	Chemistry	A Praveen Kumar Reddy	eddy IICT Hyderabad	
9	Physics Prof M Prasad		Osmania University	
10	MCA Uday Shankar pey		Madhapur	
n	MBA	P. Ramlal	NIT Warangal	

# List of Session Chairs

4th Research Day-17 December 2022

# 4th Research Day Team

Dr. P Ravinder Reddy Director & Head Research and Entrepreneurship Hub

#### Dr. A D Sarma Director R&D

### **Departmental Research Coordinators**

S. No	Group	Department	Name of the Research Coordinator
1.		CSE	Dr. Sangeeta Gupta, Associate Professor Dr. Rupesh Mishra, Assistant Professor
	Circuit Branches	ECE	Dr. Supraja Reddy, Associate Professor Dr. M. Vinodh Kurmar, Associate Professor
		EEE	Dr. M.Bala Subba Reddy, Associate Professor Dr. T. Sudhakar Babu, Associate Professor Dr. N V Phanendra Babu, Assistant Professor
		IT	Dr. D L.Srinivasa Reddy, Associate Professor Dr. Pragati Priyadarshinee, Assistant Professor Dr. B. Veera Jyothi, Assistant Professor
		MCA	Dr B. Indira, Assistant Professor
	Non-Circuit Branches	Civil	Dr. T. Chaitanya Srikrishna, Assistant Professor
		Mechanical	Dr. Rahul, Assistant Professor
3.	Life Sciences	Bio-Technology	Dr. Rajasri Yadavalli, Associate Professor Dr. Bishwambhar Mishra, Assistant Professor Dr. C Nagendranatha Reddy, Assistant Professor
		Chemical	
		Basic Sciences & Humanities	Dr. D.Saritha, Assistant Professor (Chemistry) Dr. G V Ramesh, Assistant Professor (Chemistry) Dr. K. Sharada, Assistant Professor (Mathematics) Dr. Palle Kiran, Assistant Professor (Mathematics) Dr. Santhosh Kumar A, Assistant Professor (Physics)
4.	Social Sciences	English	Dr. Shirisha Deshpande, Assistant Professor (English)
~	ocontri pereneca	MBA	Dr. S Saraswathi, Associate Professor

### **Supporting Staff**

Mr. K Lakshmanna, M.Tech Senior Research Assistant

### Disclaimer

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4th Research Day-17 December 2022

# **Bio-Technology**

R&D Centre, CBIT

**Bio-Technology** 

Page 1

### De-extinction: Recovering extinct species

JyothikaMcenakshi Kambhampati Department of Biotechnology, Chaitanya Bharathi Institute of Technology meenakshi.kambhampati11@gmail.com

Extinction is the disappearance or termination of species. The death of last individual of the species is considered as the moment of extinction. Extinction is a natural occurrence, which can be due to habitat destruction, catastrophe, competition, chronic environment stress, alien species invasion, etc. Around 24 to 150 species disappear every day. Over the past 3.5 billion years nearly 90% of species disappeared. Extinct animals need to brought back for ecological restoration and function. Each and every species have their particular niche and role/functions in this ecosystem. Their functions may be redundant or shared or completely individual based. Even though the de-extinction (the process of reviving either an extinct species or a species resembles them) is highly speculative, the advances in genetic engineering like CRISPR-Cas9 revolution made researchers believe that resurrectionor revival of species might be able. The species brought back can do good for the ecosystem left behind. De-extinction can be done by back breeding, gene cloning or genetic engineering. Back Breeding involves finding living species that are similar to the extinct ones, then the selectively breeding is done. Where as in cloning the nucleus of recently extinct species is extracted and swapped with animal's closest living the relative. The newest de-extinction technique is the genetic engineering where genes of closely related animals are mutated number of times to get a species resembling as exactly as the extinct species. Even though, de-extinction has its risks; with the help of advancements in the genetic engineering the risks can be minimized and the revived species can be helpful in fulfilling the missing ecological functions.



### CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

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RESEARCH. ATION AND EDUCATION

years

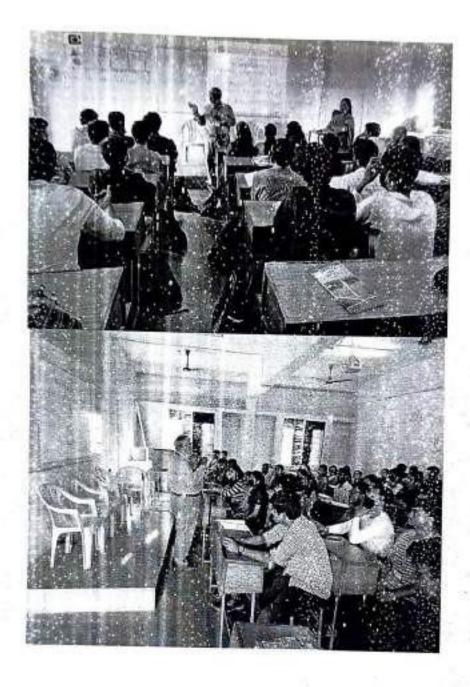
## CHAITANYA URJA (ENERGY SAVERS' CLUB) of Chaitanya Reethi

#### NATIONAL ENERGY CONSERVATION WEEK CELEBRATIONS (Theme of the Year - IoT Enabled Energy Conservation) 14<sup>TH</sup> - 20<sup>TH</sup> DECEMBER 2022

Energy saver's club - Chaitanya Urja of Chaitanya Reethi, CBIT organized NECW celebrations during 14 - 20 December 2022 through both online and offline modes.

#### DAY 1: 14th December 2022

National Energy Conservation Week celebrations, has been inaugurated at CBIT(A), Gandipet by Chaitanya Urja, the energy savers' club of Chaitanya Reethi, the lifestyle style club of CBIT(A) on 14th December 2022. At inauguration event, Dr.N.Vasantha Gowri coordinator and Dr. B. Krishna Chaitanya co-coordinator of Energy Savers' Club and NECW-2022 welcomed all dignitaries and participants to the event and informed that the *theme of the year for NECW-2022* at CBIT(A) is IoT enabled energy conservation. Prof. P. Sreenivasa sharma, director provided crucial inputs about the clubs available in CBIT(A). Dr. P. Prabhakar Reddy. Chairperson of Chaitanya Reethi introduced important activities of Chaitanya Reethi. Dr. G. Suresh Babu founder of Chaitanya Urja, gave insights of the Chaitanya Urja. Dr.P.Ravinder Reddy, Principal CBIT(A) inaugurated the event and addressed the gathering about the importance of conserving energy. Energy Pledge was taken by all the participants. There were around 100 students and faculty members were present for the event.









## ఘనంగా జాతీయ శక్తి పాడుపు వారో త్వవాలు 2022

## DAY 2: 15th December 2022

On the second day of National Energy Conservation Week Celebrations, Executive body of energy savers club conducted the energy campaign at CBIT and MGIT campus for creating awareness on energy conservation and made people to take energy pledge. Dr.N.Vasantha Gowri coordinator of Energy Savers' Club initiated the campaign, Over 100 students and faculty took part in this great event and it successful.

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## DAY 3: 16th December 2022

During the third day of Celebrations in CBIT campus. Workshops were conducted for students and faculty on the topic of "Energy conservation through IoT devices and Technologies" Shri.Harihara Iyer, Energy Auditor and Consultant had shared his expertise in the area of Energy conservation. Students and faculty member who attended the workshop found the workshop was useful to carryout their project / research in the area discussed. More than 100 students and 20 faculty members have participated in this workshop.







## ఘనంగా జాతీయ శక్తి పాదుపు వారిక్ తృవాలు

ఇద్దర శకం. హైదరాబాద్, దినెంబర్ 17:జాతీయ శక్తి పొదుపు వారోత్సవాల్లో భాగంగా మూడవ రోజు శక్తి పరస్ పేరిట గండిపేట వైతన్న భారతి యెంజనీరింగ్ కళాశాలలో జరిగింది. ముఖ్యఅదిధిగా చిచ్చేసిన జీమ్ (పెనిరెంట్ జి. హరి హర అయ్యర్ మాట్లాడుతూ శక్తిని పొడువు దేదుడం, అన్ని రంగాల నారికి, అన్ని పయిష్నుల వారికి అన్ని (పొంతాల వారికి (పతిక్షణమూ అవసరమని అన్నారు. అప్పుడు జాతీయ స్యూల ఆదాయము పెరుగుతుందని విరించాడు. తను రచించిన (గీన్ చిర్మింగి ఫండమెంటల్ ను ఉత్రమ విద్యార్థులకు అందజేశారు.కార్యక్రమములో అప్పాద్ నయ్యర్, (శ్రీశ్రైలం) భా. కృష్ణపైతన్య పొల్తొన్నాడం

## DAY 4: 17th December 2022

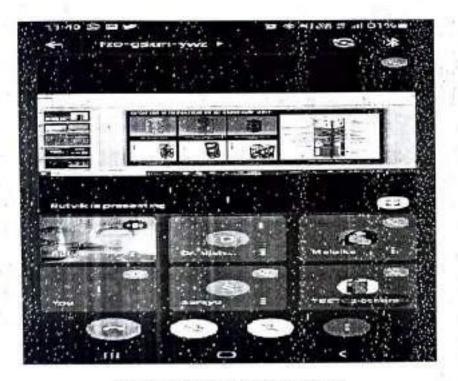
Project Exhibition on IoT enabled Energy Conservation and Idea presentation on IoT were conducted in both online and offline modes. IoT based Design has been the theme of the event. Many students across India came forward with their new and different project ideas. Around 50 Participants actively took part in this event and made it memorable. The students of CBIT coordinated this event. Mr.Niranshu, student of CBIT coordinated this event. Students of CBIT and Students from all over India took part in these events and made it successful.







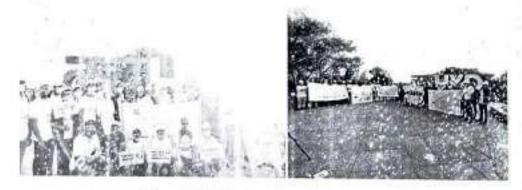
Project Exhibition in online and offline modes.



Idea Presentation by students in online.

## DAY 5: 18th December 2022

On the occasion of fifth day of National Energy Conservation week, Faculty and Students of CBIT were actively participated in the "Energy walk" was held on Sunday. This walk started around 5:30 AM at people's plaza, Necklace Road to the IEI, TSC Vishweshwariah Bhavan. The student co-ordinators of Energy Savers' club made this event to held successful. More than 100 students from CBIT have participated in this event.



Energy Walk by the students of CBIT at People's Plaza.

## OAY 6: 19th December 2022

On the sixth day of Energy Conservation week celebrations, Energy Competitions were held in both online and offline mode. This event started at 10:00 AM. Quiz, poster making, Extempore with the theme of "Internet of Things" were held. Around 150 students all over from India had participated in these competitions. These events were coordinated by student Co-ordinators- ESC.



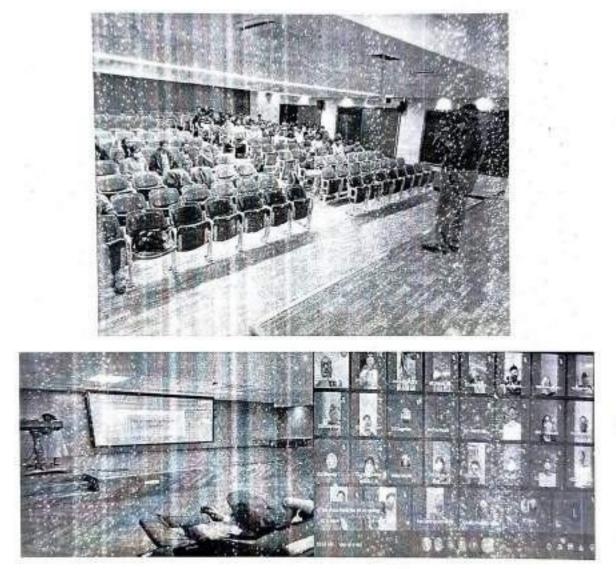
Energy Extempore by students.

On the occasion of NECW 2022, Dr. G. Suresh Babu, HoD of EEE, CBIT(A) has delivered a lecture on Sustainable Development Goals- Mapping to Mahabharatha on 19th December at IEI khairatabad and was felicitated for delivering the lecture.



DAY 7: 20th December 2022

Group Disseussion and Valedietory of National Energy conservation week were held at CBIT campus on 20<sup>th</sup> December 2022. Managing Director, Technique Design Group was the chief guest for the function. Dr.P.Sreenivas Sharma Director- Student Affairs, Dr. G. Suresh Babu Professor and Head. EEE department were part of the programme. Dr.N.Vasantha Gowri coordinator of the event, given the brief report on the happenings of one week long programme. Chief guest has addressed the students and faculty about current happenings of IoT in electrical architechtures. Dr.N.Vasantha Gowri, Coordinator of the event and Club thanked everyone for having made the event possible to the extent it was.



## CHAITANYA REETHI

Energy savers club

List of Members of Executive board -2023

Name	Phone Position		Year	Branch
A-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	9676303716	President	IV	EEE
Niranshu Annam	7382180858	Vice President	IV	EEE
Rohitha Raaga	9906601429	Vice President	IV	Civil
Rishita Sharma		Vice President	1V	EEE
Koushik Kadari	7569543553	Design and Photography	IV	EEE
Vaishnavi Sanugommula	9392534405		Defense in	п
Saphalya Peta	7416361655	Joint Secretary	IV	ECE
Vybhavi Bukka	6303020636	General Secretary	IV	
06407770227722277	7794994290	Joint Secretary	IV	Mech
Tharani Reddy	8106612729	Joint Secretary	IV	ECE
Anjali Dasari	7075998824	Joint Secretary	IV	CSE
Vaishno Devi		Treasurer	IV	EEE
Azeez Khan	7032301307	Central Coordinator	IV	CSE
Suryadevara Kalyan Sai	8520908288		IV	
R.Dattatri	8767444299	Central Coordinator	IV	
Koti Reddy	8179285154	Executive Member	IV	CSE
Venkata Jayanth	9515106824	Executive Member	1V	ECE
Thriveni Kommula	7013608666	Executive Member	IV	CSE
I mirent Romman	A Marcassina (1997)			EEE
Saiteja Dasari	8956464606	Co-coordinator	IV	BEE

# List of Members of Junior board -2023

	Role	Ph.no
Name Doddy	CC	9848818782
Karthikeyan Reddy	EO	7075003349
Shanmukh Reddy	EO	9963887255
Anne Supriya	EO	8106091188
Achyuth Karthikeya	the second se	7981516803
Rahamate hasrath	Volunteer	7660993280
Sindhu vyamsani	Volunteer	
S.Keerthi	Volunteer	7207560164
Kurremeghana	CC	7569508697
SRAHUL	EO	7794857056
K.Sriharsha Vyshnavi	EO	9703869472
G V N S BHARGAV	EO	9494806965
Thirandas Priyanka	Volunteer	8919742755

Akanksha	Volunteer	9347895993
Qudsiya	Volunteer	7075197187
B.Vamshi.Krishna	CC	9701291835
Anish	EO	9704545752
G. Dhekshagna	EO	9291514078
G.Shruthilaya	EO	7569150460
Sanjana pali	Volunteer	9959638750
G. Lokesh	Volunteer	9640277635
Chandrashekar	Volunteer	9618399515
Kundana sree	Volunteer	9550950636
PUPPALA SWETHA	Volunteer	9704737613

CC- Chief coordinator, EO- Event Organizer

## Members of the club:

## PG:

HTNO	NAME	Class	Phone NO
1601-22-766-001	NARASIMHULU	M.E. PSPE	930208081 2
1601-22-766-002	BEEMARI PRANESH	M.E. PSPE	940108020 7
1601-22-766-003	AZKA IHTESHAM UDDIN AHMED	M.E. PSPE	930208072 2
1601-21-745-105	GADDAM ARUN KUMAR	TE	756980132 2
1601-21-745-107	GADDAM SATHWIKA	TE	917755654 4
1601-22-766-006	BOLLE SHIRISHA	M.E. PSPE	930108081 3
1601-22-766-007	DEVSOTH SRINIVAS	M.E. PSPE	930108090 3
1601-22-766-008	SANGEETHA BACHALA	M.E. PSPE	930208087 9
1601-22-766-009	ERPULARANI	M.E. PSPE	930208076 5
1601-21-766-003	POTHALA PRADEEP KIRAN	M.E. PSPE	970547758
1601-21-766-004	MADISHETTI VINAY KUMAR	M.E. PSPE	984830625 5
1601-21-766-005	H PRAVEEN	M.E. PSPE	950531921 2
1601-22-765-009	ASAMPALLI ABHISHEK	CAD/CAM	901048939 0

1	1601-22-741-001	RAGHAPURAPU SAI CHARAN	SE	949036200	ĺ
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## UG:

S.N 0	Admn No.	Roll No.	Name of the Candidate	
1	20-6149	1601-20-734-001	AISHA NASEEMA	
2	20-6148	1601-20-734-002	AKANKSHA BOBBILI	
3	20-6116	1601-20-734-003	AKSHAYA BURA	
4	20-6101	1601-20-734-004	DIVYA REDDY DHAMMA	
5	20-6142	1601-20-734-005	GEETHIKA CHOWDARY BOLLU	
6	20-6110	1601-20-734-006	GOWTHAMI CHUNDURU	
7	20-6156	1601-20-734-007	JAYA SAI TANMAYI KANCHAPU	
8	20-6134	1601-20-734-008	KAVYA NATTE	
9	20-6138	1601-20-734-009	KUNDANA POOSKUR	
10	20-6114	1601-20-734-010	MONITHA SAI CHINNALA	
11	20-6120	1601-20-734-011	NIKITHA TADKALE	
12	20-6158	1601-20-734-012	NOUREEN SULTANA	
13	20-6155	1601-20-734-013	POOJA REDDY NARAYANA	
14	20-6122	1601-20-734-014	PRASANNA ELASARAM	
15	20-6153	1601-20-734-015	PRAVALLIKA PUNUMALLI	
16	20-6113	1601-20-734-016	ROHITHA RAGA VAVILALA	
17	20-6132	1601-20-734-017	SAGARIKA MERUGU	
18	20-6129	1601-20-734-018	SHIVANI VASPARI	
19	20-6111	1601-20-734-019	TEJASRI CHEELA	
20	20-6124	1601-20-734-020	VAISHNAVI SANUGOMMULA	
21	20-6126	1601-20-734-021	ADWAITH GANJI	
22	20-6154	1601-20-734-022	AKSHAY ARPULA	
23	20-6160	1601-20-734-023	ANDREWS GNANA DEEPAK GUNTURU	
24	20-6139	1601-20-734-024	ANOOPKUMAR MANTHANI	
25	20-6117	1601-20-734-025	AZEEZ KHAN P	
26	20-6119	1601-20-734-026	BHARATH PATTEPU	

27	20-6104	1601-20-734-027	CITATI
28	20-6107	1601-20-734-028	CHARAN KUMAR C
29	20-6133	1601-20-734-029	FAISAL MOHAMMED
30	20-6128	1601-20-734-030	FERDOUES MD
31	20-6112	1601-20-734-031	GANESH VADDE
32	20-6150	1601-20-734-032	GNANDEEP GADDE
33	20-6105	1601-20-734-032	GOPICHAND VUTUKURI
34	20-6151	1601-20-734-033	HONNESH MANDAPATI
35	20-6121	1601-20-734-034	KOWSHIKK KADARI
36	20-6143	the second se	MANIKANTA REDDY SAKAM
37	20-6106	1601-20-734-037	MANOJ KOUSHIK SOSA MEESALA
38	20-6141	1601-20-734-038	MANOJ NANNEBOYINA
39	20-6145	1601-20-734-039	MOHAMMED RAYYAN
40	20-6144	1601-20-734-040	PRAGHNAY REDDY EGA
41	20-6109	1601-20-734-041	RAVINDER NAIK AMGOTH
42	20-6125	1601-20-734-042	SAI KIRAN GAJWARI
43	20-6108	1601-20-734-043	SAI NIRANSHU ANNAM
44	20-6118	1601-20-734-044	SAI THARUN DOPPA
45	20-6157	1601-20-734-045	SAIRAM DEVARUPPULA
46	20-6115	1601-20-734-046	SAITEJA DASARIVENKATESHWARAO
47	20-6103	1601-20-734-047	SANTHOSH NATHAM
48	20-6159	1601-20-734-048	SHAIK UBAID
49	20-6136	1601-20-734-049	SHANTAN RAMI REDDY V
50	20-6146	1601-20-734-050	SHASHANK PENCHALA
51	20-6147	1601-20-734-051	SHASHMITH BALAJI SHAGANTI
52	20-6135	1601-20-734-052	SHIVA NANDU M
53		1601-20-734-053	SHIVALAH T
	20-6123	1601-20-734-054	SIDDARTH CHANDRA SIRAMDAS
54	20-6140	1601-20-734-055	SRIDHAR REDDY GUNDLA
55	20-6131	1601-20-734-056	SRIHAAS K N S TADIKONDA
56	20-6102	1601-20-734-057	SUJITH PAYYAVULA
57	20-6152	1601-20-734-058	VENKATA SAI CHARAN REDDY KUNDURU
58	20-6130	1601-20-734-059	VISHNU VARDHAN ANUMALA
59	20-6127	1601-20-734-060	VISHNU VARDHAN CHILUVERI
60	20-6161	1601-20-734-301	VEMULA RAJESHWAR REDDY
61	20-6162	1601-20-734-302	VANAMOJU MADHURI

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62	20-6163	1601-20-734-303	GANJI ESHWAR
63	20-6164	1601-20-734-304	BURA NAGA SRI
64	20-6165	1601-20-734-305	BANOTH HARJUN
65	20-6166	1601-20-734-306	GYARA BHANU PRASAD
66	19-6159	1601-19-734-024	GOLLA ARAVIND
67	19-6110	1601-19-734-048	SHAIK FARDEEN AHMED

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A One Day Workshop On INTENSIVE HANDS ON DEVELOPMENT WORKSHOP ON INTRODUCTION TO BLOCKCHAIN WEB3 AND D-APPS

> Organized By SOLANA Developers India Tour In Association With Department of Electrical & Electronics Engineering



Chaitanya Blazzathi Institute of Fechnology (Autonomous) Affiliated to Osmania University All U.G & 5 P.G. Programmes (Civil, CSE, ECE, Mech & EEE) Accredited by NBA, Accredited by NAAC (UGC), ISO 9001:2015 Certified Institution Chaitanya Bhazathi (P.O) Gandipel, Hyderahad, Telangana - 500075

## NO REGISTRATION FEE

Chief Patron: Sei, Subash Namburu President, CBIT

Patron Dr. P. Ravinder Reddy Principal, CBIT

Advisors: Dr. K. KrishnaVeni Professor, EEE Dept. Dr. P.V. Prasad Professor, EEE Dept. Dr. Umakanth Choudhury Professor, EEE Dept.

Convenor: Dr.G.Suresh Babu Professor & Head EEE Dept.

> Resource Person. Zohch Shahzan CBIT Alumnus (2019) zohebmzs/gemail.com Cell: 8686612387

Coordinators: Mr, M. Thirupathaiah Assistant Professor, EEE Dept. thirupathaiah\_one@cbit.ac.in Cell: 9963181845 Mr, D. Harsha Assistant Professor, EEE Dept. dharsha\_eee@cbit.ac.in Cell: 9440573124

ORGANIZING COMMITTEE: The Teaching and Non-Teaching staff of El

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### ABOUT COLLEGE.

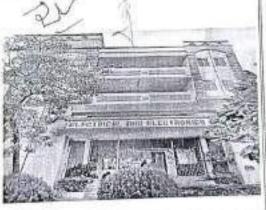
CIVIT is one of the premier Engineering Institute in INDIA, pioneer in Telangana state which is at ideallic surroundings of Gaudipet Lake, Hyderabad. The Institute, committed to Education and Innovation, started with three-Degree Courses in Engineering with 200 Students over 44 Years, it has emerged as a Decarit Destination for Students seeking to excel in Engineering and Management Education. Teaching Community to progress with a rewarding Career and Corporates to source well-rounded Engineers. Stringent Academic Standards, Industry compliant Teaching Methodology, Research Projects from Private and Public Sector Industries in Management and Engineering and Consultancy Practice, enabled the Institute to establish its Identity in the Technical Areaa and is Ranked No. 1 amongst the Private Engineering Colleges in both the Telugu Speaking States.



Brilliant and meritorious candidates with good EAMCET rank are socking admission CBIT students are grabbing the opportunity of entering into MNCs through college placement cell.

### ABOUT FEE DEPARTMENT:

CBIT started Electrical & Electronics Engineering UG course in 1994 and was accredited four times by NBA. The intake was increased from 60 to 120 from the academic year 2013-14. The Department started offering a PG course in Power Systems & Power Electronics. The Department has highly qualified and experienced faculty. The Department is having well equipped labs with latest Hardware & Software. The Department is endowed with several AICTE-MODROBS Projects worth 33 Lakhs for PE, PS & SEM Labs, Consultancy Projects worth 20 Lakhs and RPS worth of 11 Lakhs. The Department is recognized as Research Centre in 2017 by Osmanla University to carry out research for the award of Ph.D. degree.



## OUTCOME OF THE WORKSHOP

Participants will be

· Able to build fully functional dAppy (Decentralized Applications) on public Blockchains to accelerate their learning and explore other opportunities in this space.

Keeping this concept in view EEE Dept. in association with Solana Developers India Totar is organizing a one day workshop "Intensive hands on Development Workshop on Introduction to Block-cham, web3 & dApps', 6<sup>th</sup> December 2022 The main objective of the workshop is to enhance the professional students about open source software and development and wasts to explore the block chain industry.

The workshop mainly encompasses about the fellowing

> Introduction to Block chain & Web3

Fundamentals of Javascript

> Fundamentals of Programming in Rust

- > Solana Blockchain Programming Model
- > Testing using Js Client
- > Solana Program Framework

Sponsor:-



Inutoriant Dates Last date of application/-05th December 2022 Workshop date: 6th December 2022

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HEAD Dept. of EEE, CBIT (A) Gandipet, Hyderabad - 75

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# College : Chaitanya Bharathi Institute of Technology

Branch : EEE Course : B.E

Semester : III SEM

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HEAD Dept. of EEE, CBIT (A) Gandipet, Hyderabad - 75



To, The principal, Chaitanya Bharathi Institute of Technology, Hyderabad.

Subject: Conducting an Introductory One Day Workshop on Open-Source Web3 and Blockchain Technology.

Dear Sir,

I, Zoheb Shahzan am alum of this college having graduated in 2019 with a bachelor's degree in E.E.E have co-founded a Startup working on Decentralised Finance solutions on public blockchains under the aegis of Solana Foundation, an open source public blockchain company based in the U.S.

As developer advocates promoting open source technology in India, we are conducting a one day workshop on 6° of December, 2022 as part of the "Solana Developers India Tour" focused on helping participants get started with their journey on Blockchain technology, covering the basics of building web-apps using JavaScript clients with backend systems hosted on public blockchains using Rust interface. The workshop is aimed at providing the participants with the right resources to get started with the initial tools to complement their learning and help them explore new ideas and opportunities in the blockchain and distributed ledger technology industry.

For which, we request you to provide us a space that can accommodate an audience of about 60 participants from outside the campus including working professionals and students from other institutions who are selected based on merit (in open source contributions) and other participants from interested on - campus students amounting to an expected audience of about 150 in total. The only additional requirement is a good internet connectivity and charging ports to help participants get a hands-on experience and make the most of this opportunity to learn. The workshop will be held from 10:00 AM to 5:00FM and there is no registration fee charged to the participants and any costs incurred are sponsored by the Solana Foundation and the developer advocates themselves.

The intended outcome of this workshop is to enable the participants to build fully functional dApps (Decentralised Applications) on public blockhains to accelerate their learning and explore other opportunities in this space.

Thanking You, Zoheb Shahzan.

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SOLANA

Developers India Tour

# Hyderabad - 6th December 2022

Intensive hands-on Development Workshop on Introduction to Blockchain, web3 and dApps

Venue: Training and Placement Office, CBIT

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Registration Link

GitHub



Event Details

Register for Free: https://lu.ma/rznttnb8

Community Partner

Schedule: 10:00 AM to 5:00 PM	
Title	Duration
Introduction to Blockchain and Web3	45 mins
Fundamentals of Javascript	30 mins
Js by example (check palindrome)	30 mins
Web3 wallet login client	30 mins
Explore @solana/web3.js	30 mins
Recess Break	45 mins
Fundamentals of Programming in Rust	45 mins
Rust by example (Calculator)	30 mins
Solana Blockchain Programming Model	30 mins
Solana Program EZ (Accounts and Programs)	30 mins
Testing using Js Client	30 mins
Solana Program Framework	
Conclusion and Closing	30 mins
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The intended audience for this event includes each and every student who is passionate about Open Source software and development and wants to explore the blockchain industry and the required tools to get started with building dApps on public blockchains with hands-on experience.

You are requested to bring your own Laptop is recommended to get the best hands-on experience and have all the tools set up for you to continue the journey forward and onwards. \*No previous blockchain experience is required.

Contact: Zoheb Shahzan (CBIT alumnus) [+918686612387 | zohebmzs@gmail.com







## Department of EEE, CBIT Presents

A Guest Lecture on

## "AI Applications for Power Electronics - Challenges and Opportunities"

## Abstract

Date 01st June 2022, Wednesday Time 01:00-02:00 PM (IST)

Q

Zoom meeting link to Join: https://us02web.zoom.us/j/8 893986164?pwd=RkNXWFY3 dnJvSmV6citjWkV1bkNuZz09

Meeting ID: 889 398 6164 Passcode: RS4aZ0

Advisors Prof. G. Suresh Babu Head of the Department EEE, CBIT, Hyderabad.

Dr.M.Balasubba Reddy R&D Coordinator &Assoc.Professor,EEE,CBIT(A), balasubbareddy\_eee@cbit.ac.in

Event Coordinator Dr. Ahmad Sved Asst. Professor, EEE Dept., CBIT(A) ahmadsyed eee@cbit.ac.in

Artificial Intelligence (AI) plays an increasing role in solving optimization, regression, and classification problems in engineering system design, control, and condition monitoring. This talk focuses on AI applications in one of the electrical engineering fields, power electronics. Power electronic converters and systems are used almost everywhere where electricity is generated and consumed, from our mobile phones and electric vehicles to wind turbines and photovoltaic systems. Specifically, the talk covers the following aspects:

1) introduce the research since the 1990s on the AI for various kinds of power electronics applications; 2) discuss the specific challenges in applying AI for power electronics compared to other applications and the gaps between existing academic research and industry applications; 3) present a few examples which show the opportunities in applying AI for power electronics.

## About the speaker

Dr. Huai Wang is currently a Professor at the Department of Energy (AAU Energy), Aalborg University, Denmark, where he leads the Reliability of Power Electronic Converters (ReliaPEC) group.



He is also the Mission Leader of Digital Transformation and AI at AAU Energy, with 13 affiliated research groups, to enable the next leap in transforming energy systems by bridging the multi-disciplinary research and innovation in energy, digitalization, and ALHis research addresses the fundamental challenges and application issues in efficient, reliable, and cognitive power electronic components and systems. He collaborates widely with industry companies across the value chain, from power electronic materials and components to systems. He has contributed a few original concepts and methods to power electronics reliability and passive components and received five paper awards from IEEE and IET. In addition, he has given more than 100 invited talks in universities, companies, and conferences.

He was a short-term visiting scientist with the Massachusetts Institute of Technology (MIT) in 2013 and ETH Zurich in 2014. He was with the ABB Corporate Research Center, Switzerland, in 2009. Prof. Wang received the Richard M. Bass Outstanding Young Power Electronics Engineer Award from the IEEE Power Electronics Society in 2016 for his contribution to the reliability of power electronic converter systems. He serves as the Chair of IEEE IAS/IES/PELS Chapter in Denmark and the editorial board of four journals from IEEE, Springer Nature, and Elsevier.

## Huai Wang, Ph.D.

## Brief CV of Huai Wang

(Profile https://vbn.aau.dk/en/persons/126832)

### Current Position

- Full Professor, Department of Energy (AAU Energy), Aalborg University (AAU), Denmark
- Group Leader of Reliability of Power Electronic Converters (ReliaPEC)
- Mission Leader of Digital Transformation and AI (with 13 affiliated research groups in energy)

## Work Experiences

- Europe Aalborg University [04, 2012-03.2013: Postdoc; 04.2013-06.2015: Assistant Prof.; 07.2015 -07.2019: Associate Prof.; 08.2019-, Full Prof.]; ETH Zurich (08-09. 2014: Visiting Scientist), ABB R&D in Switzerland [04-09. 2009: intern]
- USA Massachusetts Institute of Technology (MIT), MA, USA (09-11, 2013; Visiting Scientist)
- Asia City University of Hong Kong, Hong Kong, China (11, 2007-12, 2008; Research Assistant)

### Education

- Executive Training Harvard Burlness School, PasteurProgram 2017, sponsored by IFD Denmark
- PhD City University of Hong Kong [CityU], Hong Kong, China, 2012
- Bachelor Huezhong University of Science and Technology, China, 2007

Scientific Focus Areas (Efficient, Reliable, and Cognitive Power Electronics)

- Reliability and robustness of power electronic converters
- Advanced passives for power electronic converters
- Condition and health monitoring of power electronic converters
- Artificial intelligence for operation optimization and predictive maintenance
- Smart power electronic converter architecture

### Academic Awards and Honors

- 2021 First Prize Paper, IEEE Transactions on Power Electronics
- 2018 IET Renewable Power Generation Premium Award (Annual paper award)
- 2018 IEEE PEAC, IEEE SPEC conference best paper awards
- 2016 Richard M. Bass Outstanding Young Power Electronics Engineer Award, IEEE PELS
- 2014 Green Talents Award, German Federal Ministry of Education and Rasearch (BMBF).

### Publications and Patents

- 120+ papers in top-tier journals, in addition to papers in leading international conferences.
- 1 co-edited book, 1 book contracted with Wiley under preparation, 7 co-authored book chapters
- 4 granted patents and 9 filed patent applications

### Project and Management Experiences

 Principal Investigator (PI) of 16 research projects, including grants from Denmark, EU, and fully industry-sponsored projects, in addition to 12 other projects as Co-PI or key participant.

## Industry Collaborations

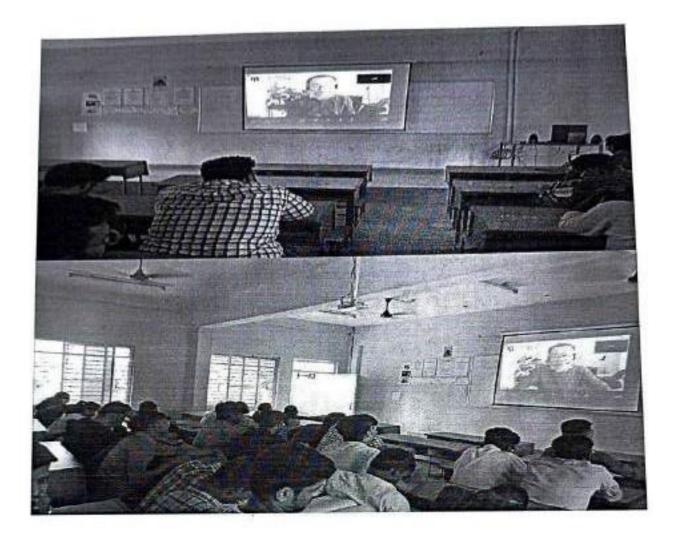
 Since 2013, joint research activities with Danish companies Vestas, Danfoss, Grundfos, KK Wind Solutions, Dantherm Power, LEANECO, Force Technology, and international companies State Grid Corporation of China (China), CRRC Sifang (China), XPT-NIO (Chinal, Woodward (Germany), NCC (Japan), Fuji Electric (Japan), Omron (Japan), Hyosung (Korea), United Technologies Research Center (Ireland), etc.

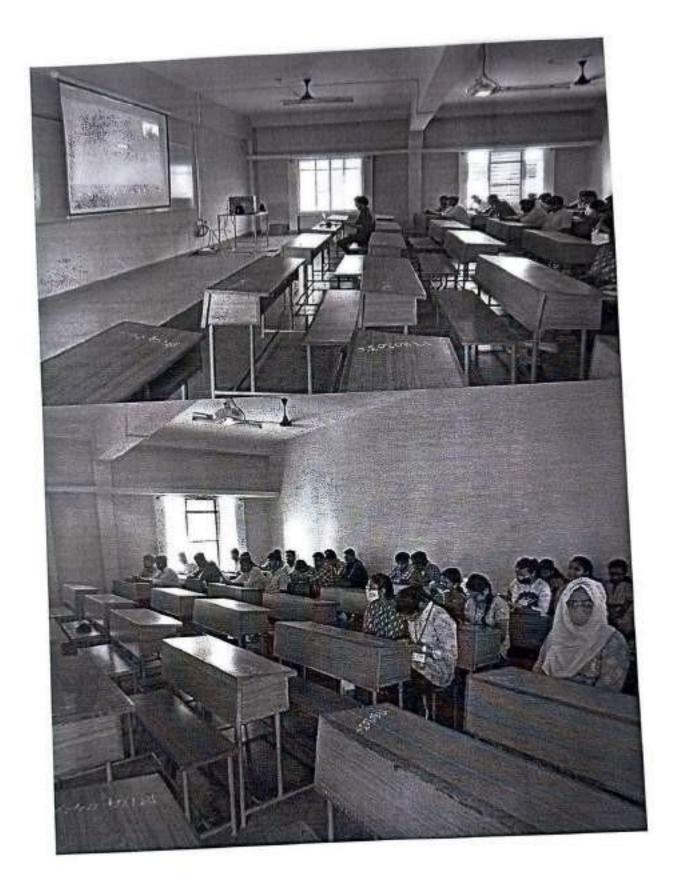
### Professional Services

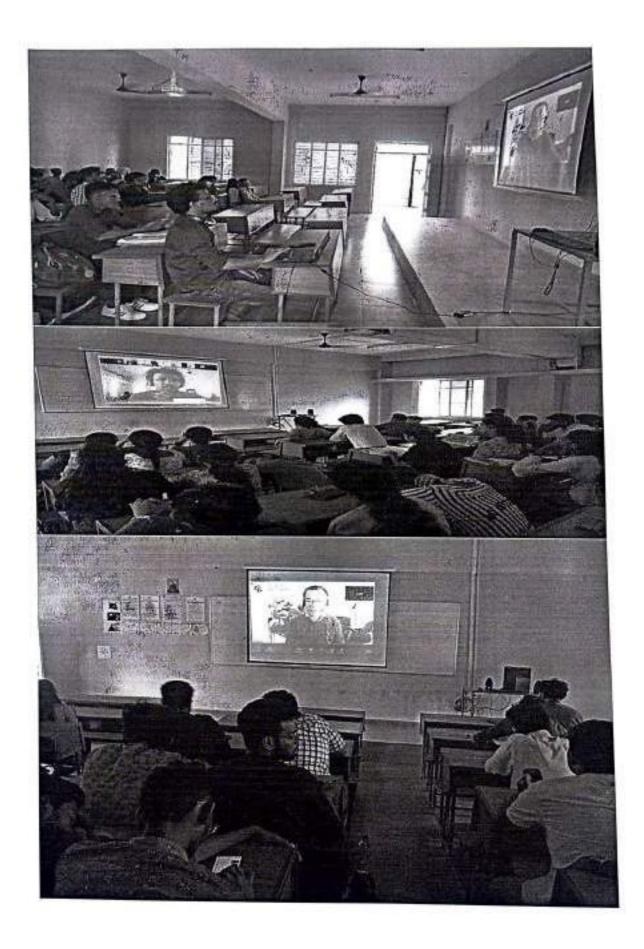
- Editorial Board: Associate Editor, IEEE TPEL (2015-), IEEE JESTPE (2016-), IET Power Electronics (2017-2019), Springer Nature Scientific Report (2021 -), Elsevier E-Prime (2021-)
- Organization of Scientific Conferences: General Chair, IEEE IFEC 2020, Denmark; Technical Program Co-chair, IEEE IFEEC 2019, Singapore; Technical Program Co-chair, IEEE SDEMPED 2021, Dallas, USA, Co-organizer of ECPE Capacitor Workshop 2021.
- Professional Communities: Chair of IEEE Denmark Joint IEEE PELS/IAS/IE Chapter (2018-1)
- Disseminations: organizer and co-tecturer of 4 short-term industrial/PhD courses, attended by more than 500 PhD students and industry engineers, 10+ keynotes, 30+ conference tutorials, 100+ invited talks.
- Panel member of proposal evaluation of national research council, Denmark, China, Portugal, Canada, Netherland, Belgium, Serbia, etc.



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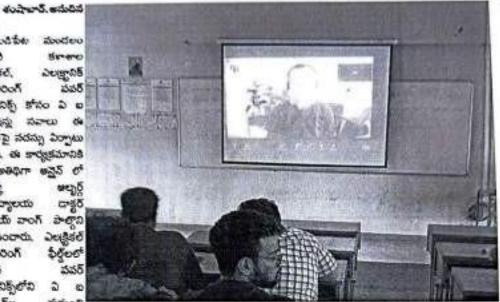






## పవర్ ఎలక్ర్మానిక్స్ కోసం ప ఐ అప్లికేషన్లు సవాళ్లు అనే అంశంపై సదస్సు.

207 గండిపేట మందలం 0003 Serero Jegtse. 2018.02 Rooteos 201878 3700 2 0 అష్టితపన్న నవాలు ఈ అంశుపై నదన్ను ఏర్పాటు చేశారు. ఈ కార్యకమానికి 2043998017 935 0 60.00 అల్బర్ apageoto దాక్టర్ పొంచాయ్ వాంగ్ పొల్గాని হাইবনাওলেকা, এভাইৰেন্ট Rootace 5000 LSES ධනලැබදින්ව ධ ත්රාංච శాపైకోషన్



వివరించారు . మన మొబైల్ ఫోన్లు మరియు ఎలక్షిక్ వాహనాల నుండి వింద్ టర్ర్మెన్లు ఫోటోపోల్పయిక్ సిస్టమ్ల్ వరకు విద్యుత్త ఉత్పత్తి వినియోగించబడి దాదాపు (పరిచోటా వవర్ ఎలక్రానికి కన్నర్లర్లు సిస్టమ్లుఉపయోగించబడతాయి. భుశ్వేకించి, వివిధ రకాల వచర్ ఎలక్ర్రాదిక్స్ అస్లికేషన్ల కోసం ఏ ఐ పై 1990ల నుండి వరిశోధనను, ఇతర అస్టికేషన్లతో పోలిస్తే పవర్ ఎలజ్రానిక్స్ కోసం ఏ ల ని వర్తింపజేయదంలో నిర్ధిష్ట సవాట్ల మరియు అప్పటికే ఉన్న శారమిక్ రీసెర్స్ ఇండస్టీ అప్లికేషన్ల మధ్య అంతరాలను ఇది కవర్ చేస్తుంది కొన్ని ఉదాపారణలను అందిన్నంది. వవర్ ఎలక్వానిక్స్ కోసం ఏ ఐ దరఖాస్తులో అవకాశాలను చూపుతుంది.ఈ అతిథి ఉపన్యాసం యొక్క ప్రధాన లక్ష్యం విర్యాస్తులు, అధ్యాపకులు యువ డైనమిక్ పరిశోధకుల పండితులు వివిధ సంస్థల నుండి కావీ మేము (పధానంగా సి లి ఐ బి 2వ సెమ్ ఈ ఈ ఈ విద్యార్థలు అధ్యాపక నభ్యలను సమర్థవంతంగా వినియోగించుకోవడం కోసం ఈ ఈవెంట్ను నిర్వహిస్తాము. అయితే, (పేక్షకుల నుండి స్పందన అద్భుతమైనది మరియు CP/TP 200 B చేసుకోబదింది.ఈ అతిథి ఉపన్యాసాన్ని దాక్టర్ అహ్మర్ నయ్యద్ అసిస్టెంట్ ప్రొఫెనర్ సమన్వయ కద్ర గా వ్యహరించారు.ప్రా.పి.రవీందర్ రెడ్డి, (పిన్సిపాల్ , సిబిజటి (ఎ), హైదరాబాద్, ప్రధాన నలహాదారులు ప్రా.జి.మరేష్ బాలు,హెచ్ ఓ డి డిపార్ట్మేంట్. ఈ ఈ ఈ,అర్ %ఒ%డి కోళర్ధనేటరో డాక్టర్ ఎమ్ వాలనుజ్బా రెడ్డి. ఈ ఈ ఈ యొక్క అసోసియేట్ ప్రాఫెసర్ చిద్యార్తులు పాల్గొన్నారు.





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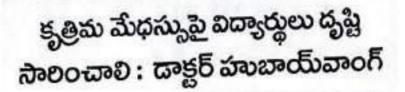


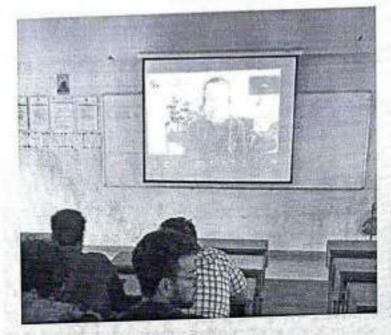
మాట్లాదుతున్న దాక్టర్ హువాయ్ వాంగ్

# కృత్రిమ మేధస్కుపై అవగాహన పెంచుకోవాలి

దిశ. గండిపేటి : క్ముతిమ మేధస్సుపై విద్యార్థులు నైపుణ్యాన్ని పెంపొందించుకోవాలని డెన్మార్మ్ అల్ఫోర్డ్ యూనివర్సిటీ ప్రొఫెసర్ డాక్టర్ హువాయ్ వాంగ్ అన్నారు. శుక్రవారం సీబీఐటీ కళాశాలలో విద్యార్థులకు ఎలక్ట్రికల్ విభాగం అతిథి ఉపన్యాసా లను నిర్వహించింది. అందులో భాగంగా విషయ నిపుణుడు డాక్టర్ హువాయ్ వాంగ్ మాటాడుతూ కృతిమ మేధస్సు గురించి, వివిధ వర్గీకరణ నమస్యలను ఎలా పరిష్కరిస్తుందో వివరించారు. అధ్యాపక సభ్యులను సమర్థవంతంగా వినియోగం చుకోవడం కోసం ఈ ఈవెంట్ ను నిర్వహించినట్లు వివరించారు. విద్యార్థుల నుంచి స్పందన లభించిందన్నారు. ఈ కార్యక్రమం సమన్వయకర్తగా అసిస్టెంట్ ప్రొఫెసర్ అహ్మాద్ నయ్యద్ వ్యహ సయస్వయకర్తగా అసిస్టెంట్ ప్రొఫెసర్ అహ్మాద్ నయ్యద్ వ్యహ సంచారు. ఈ కార్యక్రమంలో ప్రీన్సిపల్ పి.రవీందర్ రెడ్డి, ప్రధాన సలహదారులు జి.సురేశ్ బాబు, డాక్టర్ బాలసుబ్బా రెడ్డి తదిత రులు పాల్గొన్నారు.

Sat, 04 June 2022 https://epaper.dishadaily.com/c/684342





గండిపిటి. (త్రం బుర్రర్) : కృత్రిమ మేధస్సుపై విద్యార్థులు దృష్టి సారించి నూతన అవిష్కరణలు చేయాలని డెన్మార్క్ అల్బోర్గ్ యూనివర్సిటీ ప్రొఫెసర్ డాక్టర్ హంవాయ్ వాంగ్ అన్నారు. శు క్రవారం సీబీఐటీ కళాశాలలో విద్యార్తులకు ఎలక్టికల్ విభాగం అరిథి ఉపన్యాసాలను నిర్వహించింది. అందులో భాగంగా విషయ నిపుణుడు డాక్టర్ హువాయ్ వాంగ్ మాటాడుతూ.. కృతిమ మేధన్ను గురించి, వివిధ వర్గీకరణ సమస్యలను ఎలా పరిష్కరిస్తుందో వివరించారు. అధ్యాపక సభ్యులను సమర్థవంతంగా వినియోగించుకోవడం కోసం ఈ ఈవెంట్ను నిర్వహించినట్ల వివరించారు. విద్యార్మల నుంచి మంచి స్పందన లభించిందన్నారు. ఈ కార్యక్రమం సమన్వయ కర్తగా అసిస్టెంట్ ప్రొఫెసర్ డాక్టర్ అహ్మద్ సయ్యద్ వృహరించారు. ఈ కార్యక్రమంలో (షిన్నిపల్ పి.రవీందర్ రెడ్డి, ప్రధాన సలహాదారులు జి.సురేష్ బాబు, డాక్టర్ బాలనుల్బా రెడ్డి విద్యార్థులు పాల్గొన్నారు..

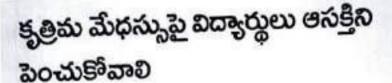


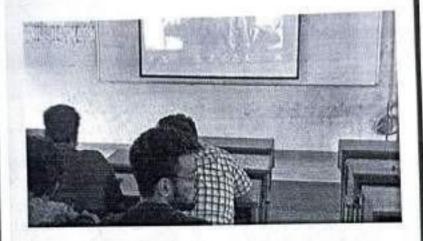
04 Jun 2022 / Page 10 https://epaper.crimemirror.com



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రంగారెడ్డి / రాజేంద్రనగర్ / గండిపేట్ / జూన్ 03 / అక్షరం న్యూస్ : కృక్రమ మేధన్నుపై విద్యార్థులు నైవుద్యాన్ని పెంపొందించుకునేందుకు అసక్తిని పెంచుకోవాలని దెన్మార్క్ అల్ఫోర్గ్ యూనివర్నిటీ ప్రొఫెసర్ దాక్టర్ హంవాయ్ వాంగ్ అన్నారు. శుక్రవారం సీబీబటీ కళాశాలలో విద్యార్ధులకు ఎలక్టికల్ విభాగం అతిథి ఉపన్యాసాలను నిర్వహించింది. అందులో భాగంగా విషయ నిప్పణుడు దాక్టర్ హువాయ్ వాంగ్ మాటాడుతూ.. కృతిమ మేధన్ను గురించి, వివిధ వర్గీకరణ సమన్యలను ఎలా పరిష్కరిస్తుందో వివరించారు. అధ్యాపక సభ్యులను సమర్థవంతంగా వినియోగించుకోవడం కోసం ఈ ఈవెంట్ను నిర్వహించినట్లు వివరించారు. విద్యార్థుల నుంచి మంచి స్పందన లభించిందన్నారు, ఈ కార్యక్రమం సమన్వయ కర్తగా అసిష్టెంట్ ప్రొఫెసర్ దాక్టర్ అహ్మద్ సయ్యద్ వ్యహరించారు. ఈ కార్యక్రమంలో ప్రిన్నిపల్ పి.రవీందర్ రెడ్డి, ప్రధాన నలహాదారులు జి.సురేష్ బాబు, దాక్టర్ బాలసుబ్బా రెడ్డి విద్యార్యలు పాల్గొన్నారు.



గండిపేట్. (త్రెం మర్రర్) : కృత్రిమ మేధస్సుపై విద్యార్థులు దృష్టి సారించి నూతన ఆవిష్కరణలు చేయాలని డెన్మార్క్ అల్బోర్గ్ యూనివర్సిటీ (పొఫెసర్ డాక్టర్ హువాయ్ వాంగ్ అన్నారు. శు (కవారం సీబీఐటీ కళాశాలలో విద్యార్థులకు ఎల(క్షికల్ విభాగం అతిథి ఉపన్యాసాలను నిర్వహించింది. అందులో భాగంగా విషయ నిఫుణుడు డాక్టర్ హువాయ్ వాంగ్ మాటాడుతూ.. కృతిమ మేధస్సు గురించి, వివిధ వర్గీకరణ సమస్యలను ఎలా పరిష్కరిస్తుందో వివరించారు. అధ్యాపక సభ్యులను సమర్థవంతంగా వినియోగించుకోవడం కోసం ఈ ఈవెంట్ను నిర్వహించినట్లు వివరించారు. విద్యార్థుల నుంచి మంచి స్పందన లభించిందన్నారు. ఈ కార్యక్రమం సమన్వయ కర్తగా అసిస్టెంట్ (పోఫెసర్ డాక్టర్ అహ్మద్ సయ్యద్ వ్యహరించారు. ఈ కార్యక్రమంలో (ప్రిన్సిపల్ పి.రవీందర్ రెడ్డి, (పధాన 0 | 1445 0 | pirm- | 100 1-2015

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COMMITTED TO RESEARCH, INNOVATION AND EDUCATION Vears

Program Name: Guest Lecture on ""AI Applications for Power Electronics – Challenges and Opportunities"

HNOLOGY (A)

a-500075. www.cbit.ac.in

Program conducted by dept EEE

Venue: L-203&204

Time: 9:10 AM -11:10 AM

Date:01-06-2022

V-Sem. EEE-D1

Speaker: Dr. Huai Wang

.NO	Roll Number	Name of the Candidate	Signature
1.	1601-20-734-001	AISHA NASEEMA	Nallos
2.	1601-20-734-002	AKANKSHA BOBBILI	BOBBIL AKA.
3.	1601-20-734-003	AKSHAYA BURA	the.
4.	1601-20-734-004	DIVYA REDDY DHAMMA	20
5.	1601-20-734-005	GEETHIKA CHOWDARY BOLLU	Absent
6.	1601-20-734-006	GOWTHAMI CHUNDURU	Sep
7.	1601-20-734-007	JAYA SAI TANMAYI KANCHAPU	leanthomat
8.	1601-20-734-008	KAVYA NATTE	Abrit
9.	1601-20-734-009	KUNDANA POOSKUR	kundana,
10.	1601-20-734-010	MONITHA SAI CHINNALA	Absent
11.	1601-20-734-011	NIKITHA TADKALE	Nikilsa.
12.	1601-20-734-012	NOUREEN SULTANA	85
13.	1601-20-734-013	POOJA REDDY NARAYANA	poja
14.	1601-20-734-014	PRASANNA ELASARAM	60-f-
15.	1601-20-734-015	PRAVALLIKA PUNUMALLI	P
16.	1601-20-734-016	ROHITHA RAGA VAVILALA	Kale
17.	1601-20-734-017	SAGARIKA MERUGU	Sagarika
18.	1601-20-734-018	SHIVANI VASPARI	Shelan
19.	1601-20-734-019	TEJASRI CHEELA	Tim
20.	1601-20-734-020	VAISHNAVI SANUGOMMULA	Abstat
21.	1601-20-734-021	ADWAITH GANJI	-H12m
22.	1601-20-734-022	AKSHAY ARPULA	Me
23.	1601-20-734-023	ANDREWS GNANA DEEPAK GUNTURU	Da
24.	1601-20-734-024	ANOOPKUMAR MANTHANI	Hend

Attendance Statement





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6.	1601-20-734-025	AZEEZ KHAN P	Mul
7.	1601-20-734-026	BHARATH PATTEPU	182141
18.	1601-20-734-027	CHARAN KUMAR C	2 P
29.	1601-20-734-028	FAISAL MOHAMMED	Matalat .
30.	1601-20-734-029	FERDOUES MD	(TEK BUM
31.	1601-20-734-030	GANESH VADDE	Goneth 1
	1601-20-734-031	GNANDEEP GADDE	anandreef
32.	1601-20-734-032	GOPICHAND VUTUKURI	Vila
33.	1601-20-734-033	HONNESH MANDAPATI	Honney
34.	1601-20-734-034	KOWSHIKK KADARJ	and -
35.	1601-20-734-036	MANIKANTA REDDY SAKAM	Assent
36.	1601-20-734-037	MANOJ KOUSHIK SOSA MEESALA	Manai
37.	1601-20-734-038	MANOJ NANNEBOYINA	And
38.	1601-20-734-039	MOHAMMED RAYYAN	Mosent
39.	1601-20-734-040	PRAGHNAY REDDY EGA	- Min
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41.	1601-20-734-041	RAVINDER NAIK AMGOTH	Jui
42.	1601-20-734-042	SAI KIRAN GAJWARI	Alasting
43.	1601-20-734-043	SAI NIRANSHU ANNAM	œ~
44.	1601-20-734-044	SAI THARUN DOPPA	Know
45.	1601-20-734-045	SAIRAM DEVARUPPULA	aileon
20030	1601-20-734-046	SAITEJA DASARIVENKATESHWARAO	Absent
46.	1601-20-734-047	SANTHOSH NATHAM	Souton
47.	1601-20-734-048	SHAIK UBAID	1 man
48.	1601-20-734-049	SHANTAN RAMI REDDY V	DR 1
49.	1601-20-734-050	SHASHANK PENCHALA	1
50.	1601-20-734-051		Shafrand-
51.		SHASHMITH BALAJI SHAGANTI	- Koblent
52.	1601-20-734-052	SHIVA NANDU M	absent
53.	1601-20-734-053	SHIVAIAH T	se
54.	1601-20-734-054	SIDDARTH CHANDRA SIRAMDAS	Mesent
_	1601-20-734-055	SRIDHAR REDDY GUNDLA	Absa
55.	1601-20-734-056	SRIHAAS K N S TADIKONDA	Could

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Program Name: Guest Lecture on "AI Applications for Power Electronics - Challenges and **Opportunities**"

Program conducted by dept EEE.

Venue: L-203&204

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Date:01-06-2022

V-Sem. EEE-D2 Speaker: Dr. Huai Wang Time: 9:10 AM -11:10 AM

S.NO	Roll Number	Name of the Candidate	Signature
1.	1601-20-734-061	ANUSHA DARAVATH	Ameha
2.	1601-20-734-062	AYESHA FARHEEN SHAIK	Ant
3.	1601-20-734-663	BHAVANA NENDRALLA	BHBANK
4.	1601-20-734-064	BHUVANA PALINI THATICHETLA	Bhuana
5.	1601-20-734-065	JAYA SRI DHARMASOTH	NA-1
б.	1601-20-734-066	KAVYA CHELLAPILLA	KA
7.	1601-20-734-067	NAVYA VAISHNAVI ANTHANNAGARI	Absent
8.	1601-20-734-068	NJHARIKA DANDU	NPL
9.	1601-20-734-069	PALLAVI ARUKONDA	Abeen
10.	1601-20-734-070	PAVANI MALLAIAHGARI	Amori
11.	1601-20-734-071	PRAVALIKA ANTHANI	Mosart
12.	1601-20-734-072 RACHANA NAGULA		Rachana
13.	1601-20-734-073 RISHITHA GUJJA		But
14.	1601-20-734-074	SAIARUN NANDIKONDA	Magat
15.	1601-20-734-075	SHASHANKA BOUTHU	stachank,
16.	1601-20-734-076	SHREYA TEYNAMPET	Mole. 1
17.	1601-20-734-977	SREESHMA GUNDA	Gruphon
18.	1601-20-734-078	SRINITHA GUNDA	Bre
19.	1601-20-734-079	SWATHI PIDUGU	Resalli

#### Attendance Statement

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) Kokapet (Village), Gendidet, Hyderabed, Telengana 300078, www.obit.ec.in



20.	1601-20-734-080	VAISHNAVLD	wants.
21.	1601-20-734-081	VARSHITHA VAIDYA	Varmilters
22.	1601-20-734-083	ABDUL JAVVAD AHMED	ABOUL
23.	1601-20-734-084	ABHINAV PEDDINI	Topsad
24.	1601-20-734-085	ABHISHEK TOLUVA	Abject
25.	1601-20-734-086	ADITHYA BATTU	Ada_
26.	1601-20-734-087	BAHADUR NEWAR DEVESH	Sugart
27.	1601-20-734-089	HAREESH TEJA BATHULA	HIRS
28.	1601-20-734-090	HAREYAANK RASAMADUGU	Abent
29.	1601-20-734-091	HARSHITH ANUMALLA	AP-thay
30.	1601-20-734-092	HRUDAY PRADYUNNATH SURINENI	Handen
31.	1601-20-734-093	KARTHIKEYA REDDY SAJJALA	Hogent
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) Kokapai ( Villaga', Gassilpet, Hyderadaet, Telangana-599978, www.edul.ee.in

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EventCoordinator Dr. Ahmad Syed

Head Dept. of EEE

Asst. Professor, EEE Dept., CBIT (A)

members. This event proved to be a tremendous subcers, with over 230 students pamophing and with the active support of Sharbi Shuchan, Parmetha 6, 5m knon, M, and attain deficted term expensioned lestructor with a comortable maching history sperning 50 years, including previous which of the ECE Department. The main resource person for the training uns 2.1 Marcas, DUDON, an me seening program, held in & Class Room (N-108), was inaugurated by CH. D. Nuchna Passes, he went was organized by the Ham Radio Calb of the 6CE Department at CBLE in cullaboration with the ine spectrum HAM Hauto Dertstation trammation voletated for supprove 26, 2013 THE on kenterber 13, 3023. a competitionue tranung program on hund fadre was conducted in se common principle austicular of Technology (CBD), Widerscod. The transmissioned to preserve activity Measured and behave Raction Conceptioned Associated Periodication standard Dates of tetrates internet burning has 0.000 hereing (1) weighted the ASC Bengalore and Vwervarawya University and the state of Militate' frequency Avenues Problems, and Inc. semicipants 250 metants from the R.V. Hongdor of EQ. No. of Concession, Nucl. Name of Street, or other All Purchased and the Dr Dr Dr Stratter bords, rach, the Department Taylo Manual of Concernent and a state of the Accession Personal No. 8 2 Manual (101) 5754 and building manufactures, (101 monthing from the training. same of \$1,000 to \$100 out by Title During And the second second second TAVEUV. 2 editoria TANKIN M. WUMET Vision 140 Summery Investigation and

#### Report on

#### A Three Day MATLAB Training Program 0.0

## "Simulink, HDL code generation, Medical Imaging, Optimization, Electric vehicle, Machine & Deep Learning Toolboxes" 3rd - 5th July, 2023

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The coordination of the training program had been effectively managed by Dr. T. Aravinda Babu, an Assistant Professor in the ECE Department, and Dr. P. Vijay Babu, an Assistant Professor in the EEE Department.

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empowering them to tackle real-world engineering challenges with confidence and innovation. The success of the training program had been attributed to the combined efforts of the organizers and the active participation of the participants, creating an enriching environment for skill development and knowledge sharing.

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#### Day 1: (03-07-2023)

#### Slot 1: 10:00 AM to 1:00 PM

# Dynamic System Modeling with Simulink:

- Dynamic System Modeling with Simulink
- Importance of Auto Solver
- Embedding MATLAB Function in to Simulink Model
- Running Simulink Model from MATLAB
- Accessing MATLAB Workspace by Simulink

#### Slot 2: 02:00 AM to 04:30 PM

HDL Code Generation from MATLAB and Simulink:

- Introduction to HDL Coder Toolbox
- HDL Code Generation from MATLAB
- Generate HDL Code from Simulink Model
- Create HDL-Compatible Simulink Model
- HDL Code Generation Workflow
- HDL Code Generation for Image Enhancement

#### Day 2: (04-07-2023)

#### Slot 1: 10:00 AM to 1:00 PM

## Medical Imaging with MATLAB:

- Introduction to Medical Imaging
- Importing, pre-processing and analyzing Radiology and other Images

Applications of Deep Learning

#### Participant Strength

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We are delighted to share that our Three-Day MATLAB Training Program successfully concluded with an impressive turnout of 35 participants from diverse departments, including EEE, ECE, BIO TECHNOLOGY, Mechanical, and Artificial Intelligence and Data Science, as well as Artificial Intelligence and Machine Learning (AI&ML).

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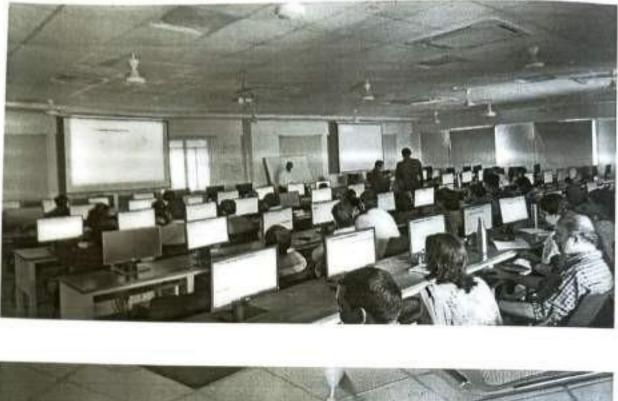
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Overall, this training program empowered participants with a diverse skill set, enabling them to apply these technologies effectively in their respective fields and contribute to advancements in engineering and technology.

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## Snapshots in the programs

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- Label 3-D Medical Image using Medical Image Labeler
- Neural Network Concepts for Medical Imaging

# Slot 2: 02:00 AM to 04:30 PM

Optimization with MATLAB:

- . Introduction to Optimization Toolbox
- . Optimization Theory Overview
- Introduction to Global Optimization Toolbox
- . Comparison between Optimization & Global Optimization Toolbox

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# Day 3: (05-07-2023)

# Slot 1: 10:00 AM to 1:00 PM

Electric Vehicles with MATLAB and Simulink: .

- Introduction to EV with MATLAB and Simulink .
- Modeling Generic Motor for EV •
- Modeling BLDC Motor for EV
- ٠ Interfacing Hardware to MATLAB Simulink
- Collecting Sensor Data to Control Electrical Vehicle .

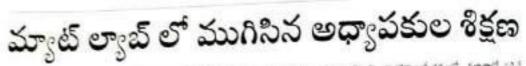
# Slot 2: 02:00 AM to 04:30 PM

Machine Learning and Deep Learning with MATLAB

- Data Collection and Datasets used for Machine Learning ٠
- Feature Extraction in Signals .

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- Supervised Learning and Unsupervised Learning
- .
- Application of Machine Learning in Digital Signals Application of Machine Learning in Digital Images •
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- Challenges in Feature Extraction in Machine Learning .
- Architecture of Convolution Neural Network (CNN) .
- CNN Design and Training with Deep Network Designer App Comparison between ML and DL .



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1. Dr. T. Aravinda Babu Assistant Professor, Department of ECE 2. Dr. P. Vijay Babu Assistant Professor, Department of EEE

#### ORGANIZING COMMITTEE

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Sri. N. Subash, President, CBIT

#### Patron

Dr. P. Ravinder Reddy, Principal, CBIT.

Chief Advisor Dr. UK Choudhury, Director I & I, CBIT.

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Dr. Kiran Kumar Amireddy, Assistant Professor, MFD Dr. N.Venkataphanendrahabu, Asalstant Profestor. FEE, CBIT

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### ABOUT THE PASTILLETE

CBIT is one of the premier lingmenting Calleger in the state of Telangaria locatad in the array normanilage of Gundipict Lake. Over the past 41 years this matinity has become a temple of knowledge and produced about 21,000 eminent and skillful graduats and postgoduse engineers, serving all over the world Variant programmes of the college were accredited five times by NBA (AICTE) and the restitute is also according by NAAC - UGC UGC has granted automotions manual in this institute from the academic year 2013-2014 and renorwend in 2019-2020. The total constructed area wabere 6.257 lakins sig. ft, Worth about Rs. 45,50 crones spinal ever 50.32 series. The grants received from AICTEUGC/DST are worth about Rs, 4,3 meres. The college offers Nine UG and Eleven PG courses. The institute has signed MoUs with various esterned Commizzations

# ABOUT THE AICTE IDEA LAS OF CRIT

The aim of AICTE IDEA Lab in CBIT is to provide sit facilities for conversion of an idea min a probatype. With these facilities in the campos, more students and faculty are being encouraged to make up creative week. In this process, students and faculty are getting wained as creative drinking, problem solving, collaboration on: The IDEA Lab of CBIT is besided by Pencipal & Professor Dr. P. Ravinder Raddy, who is the chief menter. The program is being actively guided by Dr. UK Chaufforty. Diroctor I & L Dr. BVS Rat and Dr. P. Sattash and coordinators. We also have strong team of floor Technical Ouru's. The IDEA lab at CBLT is equipped with 15 3-D Printers, 50 Robins Kim. About 600 Students have alrendy undergone training for Dignal Februaries using 3-D Printers and JoY provinge development. So that may become inclusionly explains and confident to overest and into prototype. Presently the IDEA Lab as CBIT is also trying to reach schools and industries to and around Hydenstud, to train and anticean the makein w on

ILTEA Lab in CRIT.



#### Report on

#### A Three Day MATLAB Training Program 0.0

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#### Day 2: (04-07-2023)

#### Slot 1: 10:00 AM to 1:00 PM

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Applications of Deep Learning

#### Participant Strength

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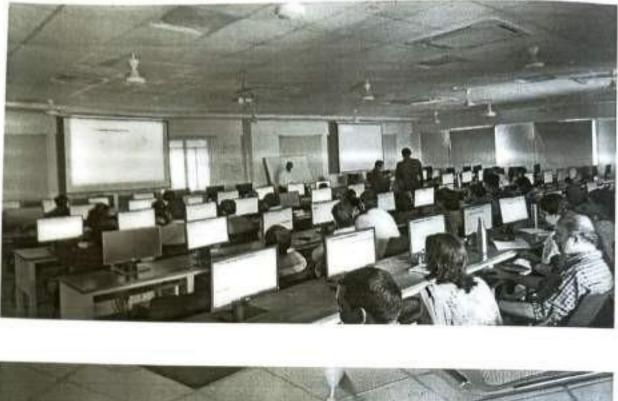
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- ٠ Interfacing Hardware to MATLAB Simulink
- Collecting Sensor Data to Control Electrical Vehicle .

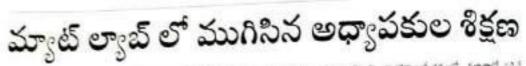
# Slot 2: 02:00 AM to 04:30 PM

Machine Learning and Deep Learning with MATLAB

- Data Collection and Datasets used for Machine Learning ٠
- Feature Extraction in Signals .

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- Supervised Learning and Unsupervised Learning
- .
- Application of Machine Learning in Digital Signals Application of Machine Learning in Digital Images •
- ٠
- Challenges in Feature Extraction in Machine Learning .
- Architecture of Convolution Neural Network (CNN) .
- CNN Design and Training with Deep Network Designer App Comparison between ML and DL .



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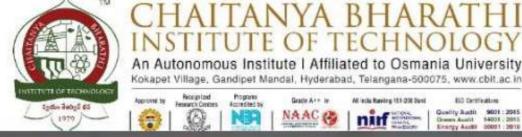
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**Online Webinar** 

# IoT Impact IEEE CBIT **Bridging Theory and Reality**

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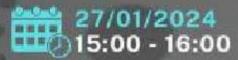
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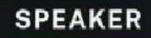
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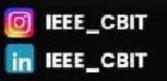




# **Dr. Vinay Chowdary** In Vinay Chowdary, PhD

# **REGISTER NOW**





Contacts Faculty Coordinator. Dr.B.Khaleelu Rehman Dr. Krishna Reddy Student Coordinators: Rajeshwar -7702997613 Vaishnavi -9392534405





# <u>ABOUT THE EVENT</u>

IThe "IoT Impact: Bridging Theory and Reality" event was a dynamic and insightful session aimed at exploring the practical applications and futureprospects of IoT technology. Dr. Vinay Chowdary, a seasoned expert in the field, led the discussion, offering valuableinsights into various facets of IoT integration and its implications in real- life scenarios.

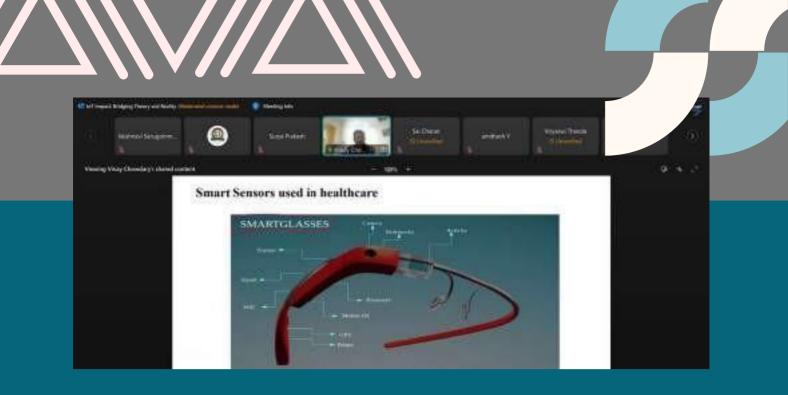


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# **A BRIEF REPORT**

Dr. Vinay Chowdary is a distinguished authority in the IoT domain, with extensive experience in research and implementation. His expertise encompasses not only the theoretical aspects but also the practical considerations involved in deploying IoT solutions across diverse industries.

- **Introduction to IoT Integration**: Dr. Chowdary commenced the session by elucidating the fundamental principles of IoT integration and its relevance in modern applications. He underscored the transformative potential of IoT in revolutionizing various sectors, from healthcare to smart cities.
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- U-Healthcare System: The speaker introduced an innovative IoT-based model of U-Healthcare system, illustrating how IoT technologies can facilitate seamless communication and collaboration among healthcare stakeholders. He also provided insights into India's position in the globalIoT landscape and emerging trends in the field.
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## Conclusion

The "IoT Impact: Bridging Theory and Reality" event provided attendees with a deep understanding of IoT technology and its transformative potential across various domains. Dr. Vinay Chowdary's expertise and insights enriched the session, leaving participants inspired and equipped with valuable knowledge to navigate the evolving IoT landscape.

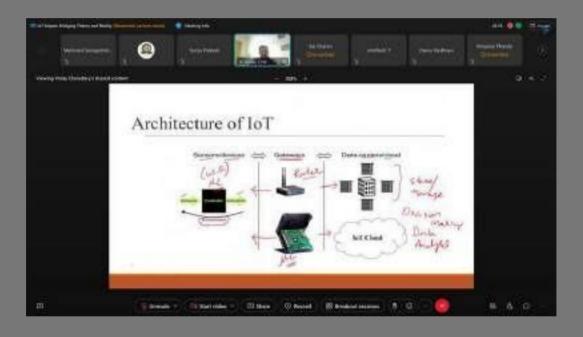
## NUMBER OF PARTICIPANTS:

62 individuals attenneed the webinar

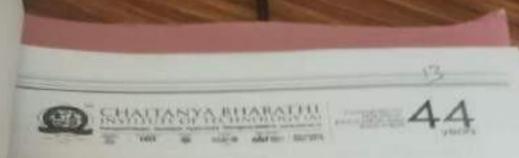
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#### A Brief Report

# On Tech-TrekX by GDSC-CBIT and IEEE-CBIT

Date: 4th April 2023

Duration: 6 hours

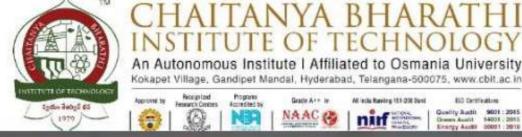
#### Details of the event:

On 4th April 2023, the Goegle Developer Student Club (GDSC) CBIT and the Institute of Electrical and Electronics Engineering (IEEE) Student Branch jointly organized a highly successful day-long event at Chaitanya Bharathi Institute of Technology. The collaborative event was named. Tech-TreK.X' and was attended by over 700 participants who were eager to learn about the importance of networking and showcase their skills in web development.

The event began with an informative speaker session that featured promisent speakers in the field of career development. Sri Charan Lakkaraju, Founder and CEO of StuMagz, discussed the latest trends and technologics in career development, including new placement opportunities and industry trends. Thesecond speaker, Mr. Sandcep Kumar, Founder of Being Zero, emphasized the importance of competitive programming and technological advancements. Thesession was highly engaging, with attendees actively taking notes and askingquestions throughout

Following the speaker session, the web development contest commenced. Participants were provided with a set of guidelines and requirements for their websites and had a limited amount of time to design and develop their sites. The contest was highly competitive, with participants showcasing their creativity and technical skills in building their websites. At the end of the contest, the technical team evaluated each website based on its design, functionality, and overall user experience. The top website was selected as the winner of the contest. The event was highly beneficial for the participants, who gained valuable knowledge and hands-on

experience in web development.





**Online Webinar** 

# IoT Impact IEEE CBIT **Bridging Theory and Reality**

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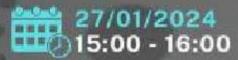
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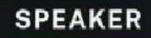
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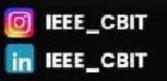




# **Dr. Vinay Chowdary** In Vinay Chowdary, PhD

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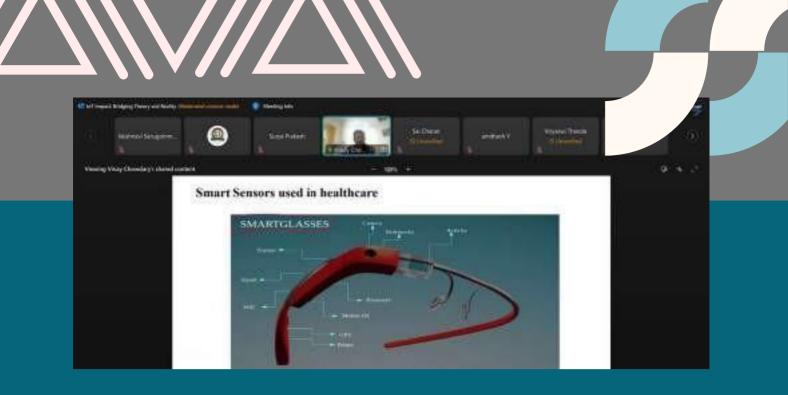


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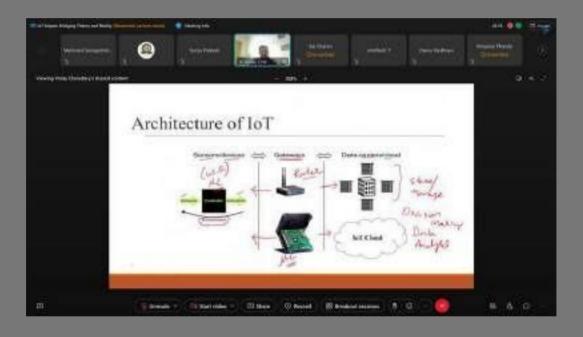
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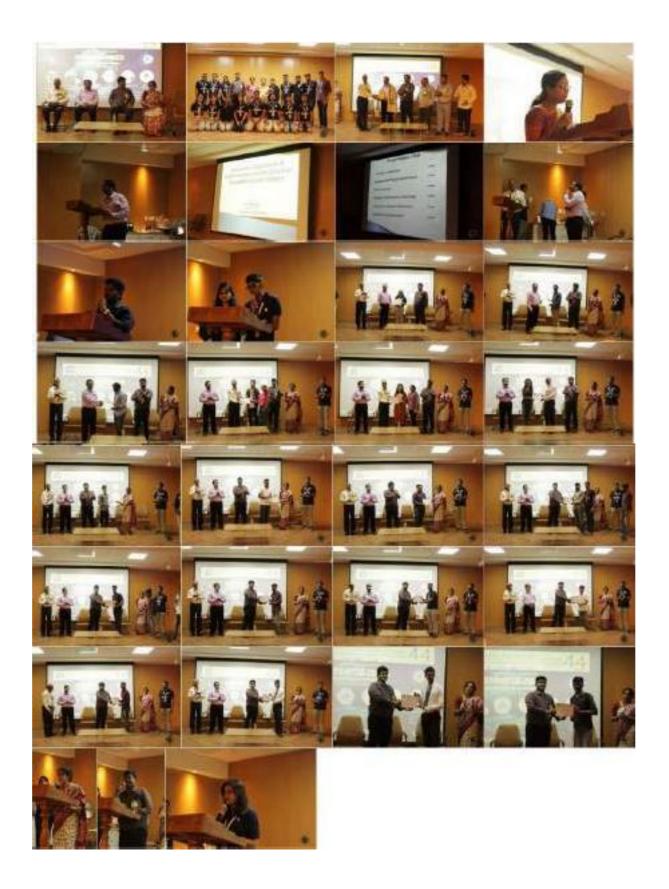
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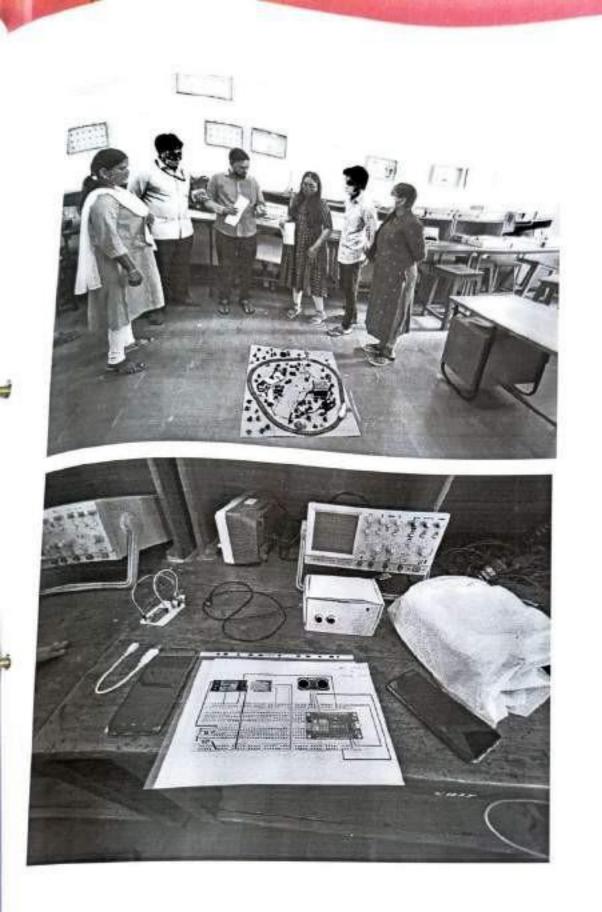
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PARTICIPATE AND WIN CASH PRIZES UPTO ₹4000 **REGISTRATIONS ARE OPEN** 





MANASVINI - 8008006937 | MUIAHID- 7671912210 STUDENT COORDINATORS





#### A Brief Report on Guess The Gadget

Name of the Event	: Guess The Gadget 2K23
Date	: 31 <sup>st</sup> Jan and 1 <sup>st</sup> Feb Jan 2023
Venue	; N-Block Lane, CBIT, Hyderabad
Faculty Coordinators	; Dr.Sai Krishna, Asst Professor, ECE
	Sri P.Ranjith Asst Professor, ECE
Student Coordinators	: Anoushka 3 <sup>rd</sup> Year, Kinnera Tulluri 2 <sup>rd</sup> Year, Siddartha Neela 2 <sup>rd</sup> Year, Bhavani Prasad Reddy 2 <sup>rd</sup> Year, Nithin 2 <sup>rd</sup> Year.

During the annual technical fest SUDHEE 2023, IETE ISF CBIT organized the inaugural edition of GUESS THE GADGET as part of the QUINTIPLE theme in association with SYNAPSE 2K23. The event aimed to promote fast thinking and provide students with a unique experience in solving electronics problems. A large number of CBIT students and students from other Hyderabad colleges participated in the event.

The game was created to allow players to use technology to solve clues. Players can compete alone or in teams of two. There are three slots to choose from, with two available on January 31, 2023, and one available on February 1, 2023. Users can select the slot that works best for them. The game can be played in two ways. Teams use a gadget called "chit" where one teammate draws on a board while the other guesses the name of the gadget. Solo players collect clues to determine the correct gadget name.

After every round, we asked the players for their feedback on their experience and suggestions for any necessary improvements. The winners were determined based on their performance according to the time requirements and the final results observed by our volunteers.

The winners were announced by the head of ECE department of CBIT Dr. D. Krishna reddy sir on the last day of SUDHEE i.e.,19 january and facilitated with cash prize and participation certificates. Participation certificates were given to all other participants later on.

Registration fee: 30/- for solo and 50/- for team of two. Total cash prize: 1000/-Total number of paricipants:135

Winners:

Varun – ECE 2 – 2nd year, CBIT

Chaitanya Krishna – ECE 2 2<sup>nd</sup> year, CBIT





Fig.2 Participation of candidates on Day- 1 (slot -1)

(Student coordinators: Nithin, Kinnera)

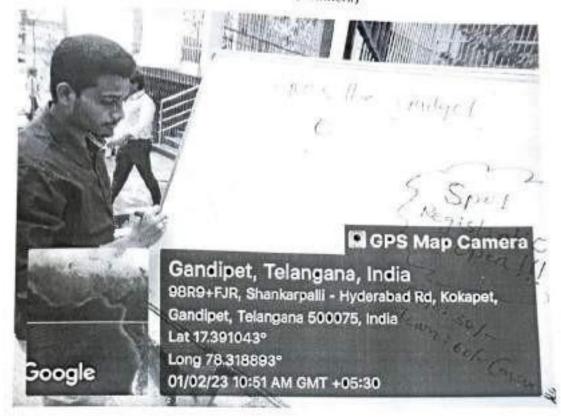


Fig.3 - Participations of candidates on Day -1 (slot 2)

# A BRIEF REPORT ON WEB DESIGNING CONTEST

The IETE ISE CBUT organized at WEB DESIGNING CONTEST during their annual technical fest, SUDHEE 2023, as part of QUINTUPLE under SYNAPSE 23. The CONTEST aims to showcase students' designing abilities in front end WEB DESIGNING.

Name of the event: WEB DESIGNING CONTEST 2023(IETE-ISF)

Date: 1<sup>st</sup> February 2023 Venue: VI SI Lab, Microcontrollers lab, N Block, CBIT

Timings from 9.30 to 12 00pm

Faculty Coordinators: Sri P Ranuth, Assistant Professor, ECE

Dr.Jeeth Ghosh, Assistant Professor, ECE

Student Coordinators: J Victor Paul

V.Hima Vamsi Shruti Upadhyaya P.Vivek B.Abhimanyu

The contest is to design a front-end of a web site. The contestants can choose one from the 3 themes given i.e., Travel Blog, Business, IETE website.

The contest consisted of two rounds and started around 9:30 a.m. In round 1 contestants were divided into two groups based on the themes they chose. Group 1 had contestants who chose TRAVEL BLOG, and Group 2 had contestants who chose BUSINESS and IETE WEBSITE as their theme. Group 1 contest was held in VLSI Lab, N-BLOCK Group 2 contest was held in microcontrollers lab.

Round 1 of the competition involved contestants from both groups presenting their designs, and judges evaluating them based on parameters such as Layout, Colors, Mechanical aspects and Graphics. Later, the top 5 contestants from Round 1 are promoted to Round 2. All judges from both groups evaluated the designs in round 2 and picked the top 3 designs.

The contest ended with declaration of winners by the HOD of ECE department Dr.D.Krishna Reddy sir. The merit certificates were handed out later in the valedictory session.

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Shruti Upadhyaya P.Vivek B.Abhimanyu

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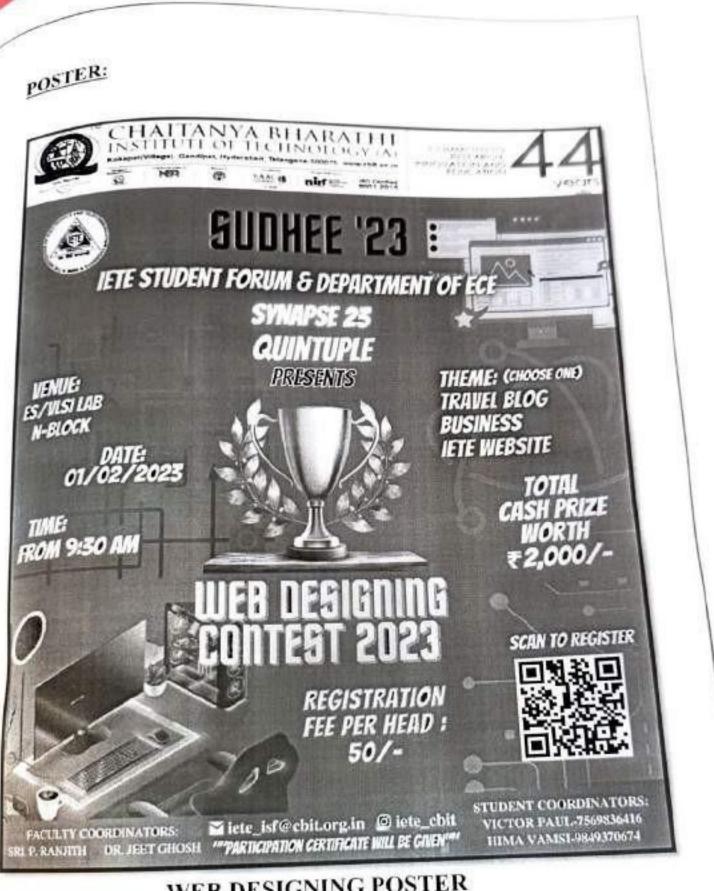
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# WEB DESIGNING POSTER

#### PHOTOS:



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Contestant presenting his design round 1



Contestant presenting his design in round 2



Dr.N.V.Koteswara Rao(Director-IQAC) sir and Sri.T.Sridhar sir Interacting with contestants and student coordinators (V.Hima Vamsi, P.Vivek)

# REPORT ON TECHNICAL DEBATE

Club Name: IFTI -ISF CRIT Event Name: Technical Debate Date: 1" February 2023 Time: 10:00 AM to 1:00 PM Venue: F. Class Room, Room no. N-301, CB11 Judges: P. Jaya Prasanth Reddy Faculty Co-ordinators: T.Sridher Asst Professor, ECE, CBUT, Smt.B.Neeraja, Asst Professor, ECF, CBIT Student Co-ordinators: B.Snchitha, 3rd Year, P.Bindu Vasini 2rd Year, Rama Robith 2rd year, M. Leela Sai Santhosh 2nd Year, Muni Gayathri 2nd Year

No. of Participants: 61

The IETE-ISF CBIT organized a Technical Debate event under the name of Synapse 2023 on 1st February 2023 as a part of SUDHEE-2023, the Technical Fest of CBIT. This event had an overwhelming response with over 60 registrations from enthusiastic participants from all years of engineering and from various colleges. The debate was conducted in two levels, with participants qualifying for level 2 after successfully completing level 1. The topic for the Level 1 debate was the Effects of Technology, while the Level 2 debate focused on the Advantages and Disadvantages of Artificial Intelligence. The topic for the level 1 was declared much before the date of the event while for the second level it was revealed on the spot. The event was conducted in the campus of CBIT. It is organized at two venues simultaneously for level 1 with 30 participants in each panel. Five best participants from each panel were promoted to level 2. The debate were judged by a panel of experienced professionals from the industry, with participants given an allotted time for their opening remarks, rebuttals, and closing statements. The participants were judged on several parameters, including their research and knowledge about the topic, communication skills, critical thinking, and presentation skills. The judges evaluated the participants based on their arguments, logical reasoning, and ability to articulate their points effectively. The event provided an excellent opportunity for participants to showcase their debating skills and engage in healthy discussions on the impact of technology on society. The event also provided a platform for participants to exchange ideas and learn from each other's perspectives. The winner of the event was awarded certificate of appreciation and cash prize of ₹2000, and their names were announced on the social media handles of IETE-ISF CBIT. The event has been witnessed by Dr.Krishna Reddy, Head of the Department-ECE, Dr.N.V.Koteshwar Rao, Director-IQAC and other faculty. The event concluded on a positive note, with the participants expressing their satisfaction with the event and appreciation for the organizers.

In conclusion, the Technical Debate event organized by IETE-ISF CBIT under the name of Synapse 2023 was a resounding success. The event provided a platform for participants to showcase their skills, engage in healthy discussions, and exchange ideas. It also highlighted the importance of critical thinking and effective communication skills in today's world. This event turned out to be successful with active participation from the

A Brief Report on Invited Talk Name of the Event: Invited Talk Date: 2nd Nov 2022 Date: 2 Stor Talk on "Telecommunication aspects in Indian Railways" Speaker: Shri, S. M Hafeez Ah, Asst Professor (Telecom), IRISET, Seconderabad Target Audience: BE ECE Sem III & V Students (ISE & Non ISE Students) Venue: N-Block Seminar Hall, CBIT(A), Hyderabad Faculty Coordinators: Sri. T. Sridher, FIETE, Asst Professor, ECE, CBIT Sri, P. Ranjith, Asst Professor, ECE, CBIT Sti,P. Chandrashekar, Focal Person IRISET, Asst, Professor, ECE, CBIT Student Coordinators: Snchitha Battula, Sujith Kudupudi, Varun Kamshetty of BE ECE

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In view of the IETE 69th foundation day celebrations, the IETE Stadent Forum (ISF). CBIT and Navigation and Communication Research Centre (NSRC) of the ECE department of CBIT organized an Invited Talk by Shri, S. M Hafeez Ali, Asst Professor (Telecom), IRISET. Secunderabad on the topic, "Telecommunication aspects in Indian Railways" on 2nd November 2022 The Program started at 10:30 AM and went along till 12:30 PM, coordinated by the Executive Board members of ISF, CBIT. The Head of the Department, Faculty members from the department and a total of 289 students from ECE (119 Sem III & 170 Sem V Students including ISF members) attended the Talk.

The session began with the announcement of the new Executive board of IETE Student Forum, CBIT for the year 2022-2023, Then, the Brochure of the Navigation and Communication Research Centre (NSRC) (Vol.2) was launched by the guest and the faculty coordinators. Later, the speaker was invited to the stage to start the talk session. The Speaker Shri. S. M Hafeez Ali has made the session very informative by delivering his talk with his presentation about the Telecommunication aspects in Indian Railways. The main points of the talk were Optical Fibre Cables (OFC) in Railways, Multi Protocol Label Switching (MPLS), Video Surveillance system (CCTV), Mobile Train Radio Communication (MTRC), Communication Based Train Control (CBTC), Data Networks and Video Conferencing services and Wi-Fi of Indian Railways.

The session also covered the opportunities available for the ECE students at the Indian Railways and an idea about the Indian Railways Institute of Signal Engineering and Telecommunications (IRISET). The Overall session was really very interesting and informative to the students.

Sri. T. Sridher, Asst Professo, Sri. P. Ranjith, Asst Professor, and Sri.P.Chandrashekar Asst Professor are the faculty coordinators of this Invited Talk.



# A Brief Report on Technical Hunt

Name of the Event	4	Technical Hunt 2K 23
Date	4	31" Jan and 1" Feb Jan 2023
3 Contractor		N-Block Lane, CBIT, Hyderabad
Faculty Coordinators		Sri P.Chandra Shekar, Asst Professor, ECE Dr.D.Naga Devi, Asst Professor, ECE
Student Corrdinators	:	Nikhil Anneboina 3 <sup>nl</sup> Year, Varun Kamishetty 3 <sup>nl</sup> Year, Dharani , Sevireddy 2 <sup>nd</sup> Year, Sanikommu ishal Reddy 2 <sup>nd</sup> Year, Mannepally Nikitha 2 <sup>nd</sup> Year

The IETE ISF CBIT organized its first edition of TECHNICAL HUNT during the annual technical fest SUDHEE 2023, as a part of the theme QUINTIPLE in association with SYNAPSE 2K23. The main objective of event is to enhance quick thinking among students and giving them a different experience in problem solving in the field of electronics. There was a huge participation from students of CBIT and some other colleges in Hyderabad.

Predominantly the game was designed in such a frame that electronics found a way around the clues. Participants can either play solo or a team of two. The game was designed to have three slots of which on day -1 i.e., January 31, 2023 there was two slots and on day 2 i.e., February 1, 2023 there was one. Participants can choose any of the slot of their convenience. The teams were supposed to identify the clue and work on it to reach next the clue. The clues included the different block names along with some numbers that were useful to determine color code.

The process would go on until the team succeeds in identifying the correct resistor color coding using the clues they have collected. Following the completion of each slot, feedback was taken from each participant to know their experience in the play and if any improvements needed. Winners were determined based on the time criteria and the final clues they have submitted to our volunteers.

The winners were announced by the head of ECE department of CBIT Dr. D. Krishna reddy sir on the last day of SUDHEE i.e.,1<sup>st</sup>january and facilitated with cash prize and participation certificates. Participation certificates were given to all other participants later on.

Registration fee: 30/- for solo and 50/- for team of two.

Winners:

Hemanth – ECE 2 - 3<sup>rd</sup> year, CBIT Nifin Kumar – ECE 2 - 3<sup>rd</sup> year, CBIT

- ✤ Total cash prize: 2000/-
- Total number of registrations: 10
- Total number of participants: 19

GALLERY:



Fig.1 TECHNICAL HUNT Poster



Fig. / Parth lpants registering for game on spot Day-1 (slot-1)

(Student coordinators: Nikitha, Dharani)

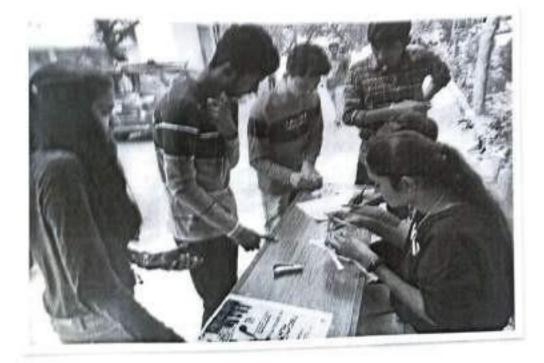


Fig.3 Participants giving feedback Day -1 (slot 2)

# A Brief Report on Quiz Masters (Technical Quiz) by ISF-CBIT

Name of the Event: QUIZ MASTERS

Date: 31" January 2023

Venue: N107, E-Classroom, N-block, CBIT(A), Hyderabad

Participants: Students from CBIT and other engineering colleges

Faculty Coordinators: Smt. Ghata Chauhan, Asst. Professor, ECE Smt. J. Mounika, Asst. Professor, ECE

Mr. Chandulai Vislawath External Judge:

J. Phani Sathwik	Student Coordinators:	ECE VI SEM: ECE IV SEM:	M. Sree Charana Roddy Muthyala Sanjay Reddy K. Sindhura Reddy	
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IETE Student Forum (ISF) and ECE department of CBIT organized "QUIZ MASTERS" a Technical Quiz as a part of QUINTUPLE to all the Engineering students from various colleges under "SYNAPSE 2023" by ECE department for SUDHEE - The Annual Technical Fest of CBIT. The main aim of the event is to create an interest among students to take part in quizzes and test their knowledge in the field of electronics. There are over 100 registrations including solo and group registrations from students of CBIT and few other Engineering colleges.

The Quiz was conducted in 3 rounds. Round 1 being a general questions round was conducted in 2 batches and the top 20 teams were selected for round 2. Three teams from round 2 were selected participate in round 3. The quiz started around 10:00 am in the morning and ended at 4:00 pm in the

Following the round 1, feedback comments were taken from the external judge and the faculty evening. coordinators. Quiz winners were announced on the same day i.e., on 31" January and have been facilitated with certificates and cash prize. Participation Certificates were given to all the participants.

Total cash prize; 2000/-

The top contestants are:

- Winners (from CBIT) 1. Sai Kumar & Sai Bharath - Runners (from CBIT) 3. Charanya & Sai Chandra Prasad - Runners (from CBIT)

30/+ for solo participant Registration fees: 50/- for a team of 2

Total number of registrations: 104

Total Number of Participants: 198



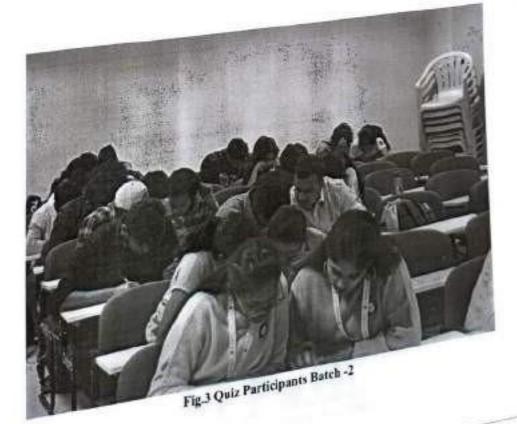
All the contribution by Student Coordinators and the Faculty Coordinators have helped in organizing the Quiz successfully. The Quiz has given a good opportunity to test their knowledge and a good competitive spirit among the students for the future events. Finally, we thank the Head of the ECE good competitive spirit among the students for the future events. Finally, we thank the Head of the ECE department, Dr. D. Krishna Reddy, the Faculty Coordinators of ISF, CBIT Sri T. Sridhar (Aste Professor, ECE), Faculty coordinators for the event - Smit. Takea Professor, ECE), Sri P. Ranjith (Asst Professor, ECE), Faculty coordinators for the ECE Student Forum Chudan (Asst. Professor, ECE), Smit J. Mounika (Asst. Professor, ECE), the IETE Student Forum (ISF), the department of ECE and our Institute for encouraging and giving the opportunity to tendage the event.



Fig.1 QUIZ MASTERS Poster



Fig.2 Quiz Participants Batch-1



# 10

# Report on HAM Radio Certification Training Program

Date: September 13, 2023 Time: 10:00 AM to 4:00 PM Location: E Class Room (N 108), CBIT, Hyderabad Organized by Ham Bacho Club, ECE Department, CBIT, Hyderabad in Association with: Lamakaan Amateur Bacho Club, Hyderabad Conducted by ECE Department, CBIT Coordinator: Mr. A. Krishna Kumar, Assistant Professor, ECE Department Co-coordinator: Dr. Bhasker Dappurs, Assistant Professor, ECE Department Inaugurated by: Dr. D. Krishna Reddy, HoD, ECE Department Resource Person: Mr. R J Marcus, UU2VTM Supporting Team: Shashi Bhushan, Director of Lamakaan Amateur Radio Club (LARC), Hyderabad Parmesha G, VU3VXT Sal Kiran: M, VU3VXT participants: 230 students from the III & V semester of ECE

# Executive Summary

On September 13, 2023, a comprehensive training program on HAM Radio was conducted at the Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad. The training aimed to prepare students for the upcoming HAM Radio Certification Examination scheduled for September 26, 2023. This event was organized by the Ham Radio Club of the ECE Department at CBIT, in collaboration with the tamakaan Amateur Radio Club, Hyderabad.

The training program, held in E Class Room (N-108), was inaugurated by Dr. D. Krishna Reddy, the Head of the ECE Department. The main resource person for the training was R J Marcus, UU2VTM, an experienced instructor with a remarkable teaching history spanning 60 years, including prestigious institutions like IISC Bangalore and Viswswarayya University.

With the active support of Shashi Bhushan, Parmesha G, Sai Kiran .M, and other dedicated team members, this event proved to be a tremendous success, with over 230 students participating and benefiting from the training.

### Training Program Details

# Inauguration

The training program commenced with an inauguration ceremony graced by Dr. D. Krishna Beddy. HoD ECE, CBIT, who delivered an inspiring speech emphasizing the significance of HAM stadio in the HoD test of electronics and telecommunications. Dr. D. Krishna Reddy words set the tone for an engaging

# Training Sessions

g.) Marcus, UU2VTM, the main resource person, delivered the core content of the training program. g.) Matter His vast experience and profound knowledge in the field of electronics and telecommunications were

The topics covered included

introduction to HAM Radio

gadio Waxes and Propagation

NAM Radio Equipment and Operation

HAM Radio Licensing and Regulations

Emergency Communication with HAM Radio

Exercises

The training sessions were interactive, allowing students to ask questions and engage in activities. Mr. Marcus' teaching style, coupled with his practical approach, made complex concepts accessible and understandable to all participants

#### Support Team

The success of the training program was also attributed to the dedicated support team. Shashi shashan, Director of Lamakaan Amateur Radio Club (LARC), Hyderabad, played a pivotal role in coordinating the event. Parmesha G, VU3VXT, and Sai Kiran, M, VU3VXT, provided valuable assistance during the practical exercises and demonstrations

#### Certification Examination

Following the training, participants were well-prepared for the upcoming HAM Radio Certification Examination, which was scheduled for September 26, 2023. The knowledge and skills imparted during the training program equipped the students to excel in this examination and obtain their HAM Radio licenses.



# MOI × SYNAPSE PRESENTS

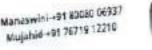


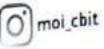
REGISTRATIONS ARE OPEN!

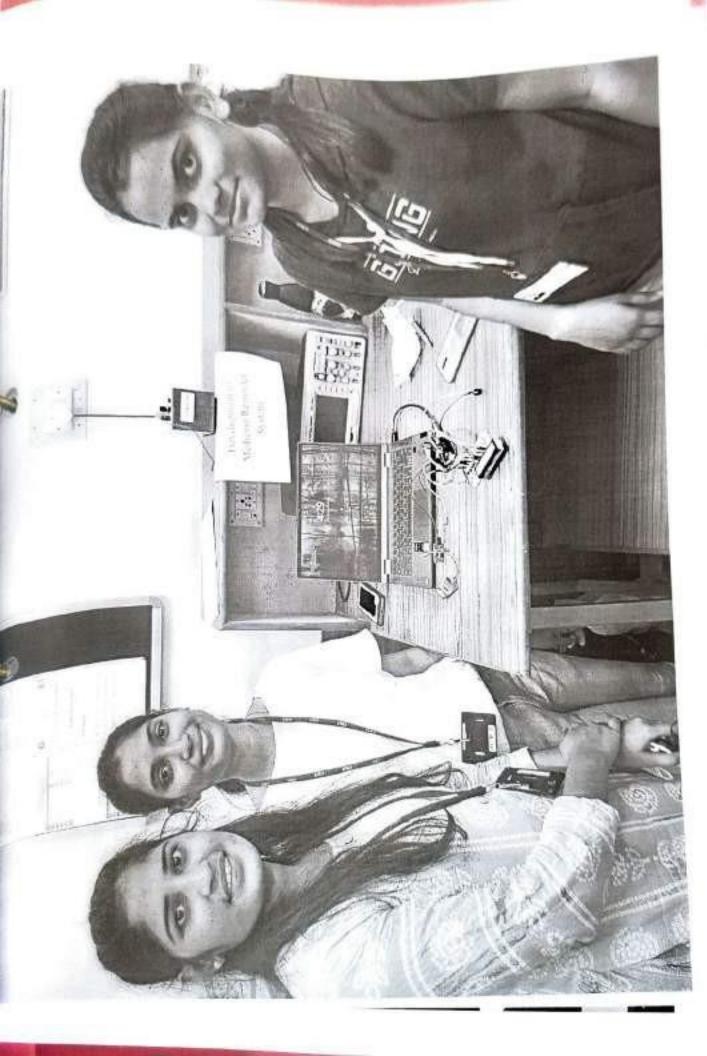


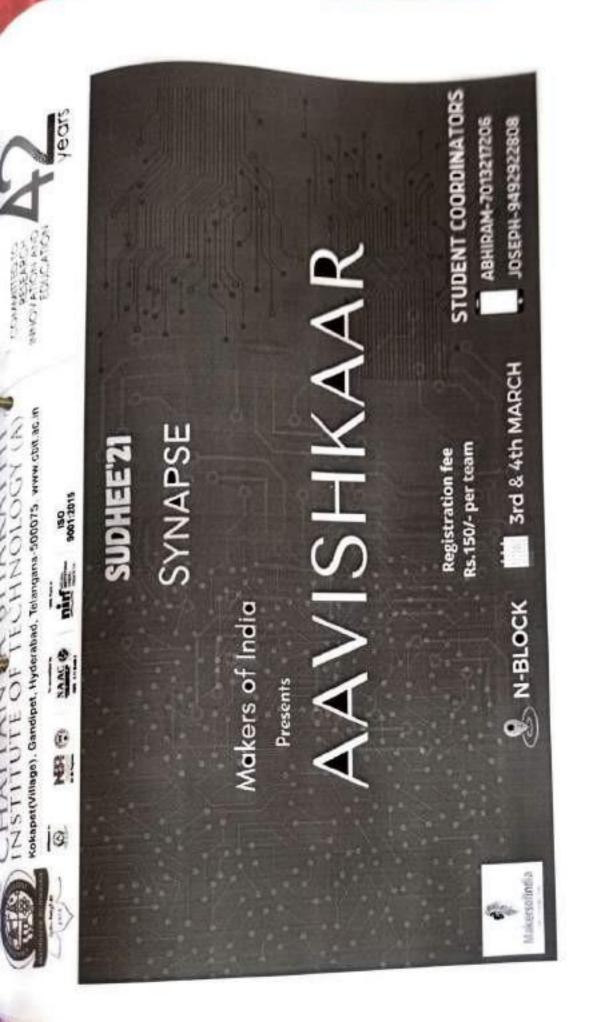


















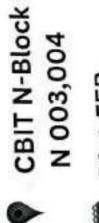
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Naver SCN:

India





09:30AM to 12:00PM 01st FEB 1

Shrayan - 7893616456 Prithvi - 7330789283



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Scan the QR code to register





#### Report on Synapse-2023 "Aavishkaar Software Edition"

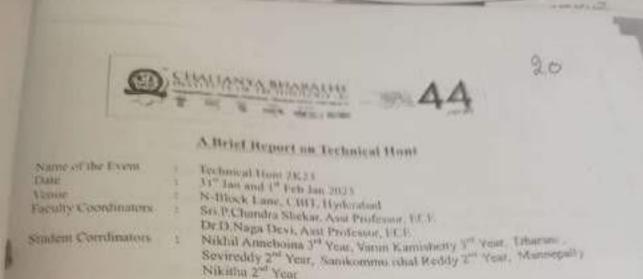
AAVISHKAAR Software Edition was organized under the hanner of Makers Of India club in Synapse 2023 as a part of Sudhee 23 on 1" February 2023 during 00 to AM to 12 clo PM The main objective of the event is to enhance the software skills, solutions with different dens and approaches to bring a change to the current world by problem solving methods using the imulation tools. In response to this event, 26 students are partaken from various institutions and showcased their skills in designing models using **Tinkercad**. These designs are evaluated by the Sri Praveen Kumar Durusetti, Senior Tech Arch, NETCRACKER, Hyderabad, and Sri Jagan Mohan Reddy Assistant Professor, Chaitanya Bharathi Institute of Technology.

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#### **AAVISHKAAR Software Edition photos**







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Predominantly the game was designed in such a frame that electronics found a way around e clues. Participants can either play solo or a team of two. The game was designed to have three slots which on day -1 i.e., January 31, 2023 there was two slots and on day 2 i.e., February 1, 2023 there is one. Participants can choose any of the slot of their convenience. The teams were supposed to entify the clue and work on it to reach next the clue. The clues included the different block names ing with some numbers that were useful to determine color code.

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Total cash prize: 2000! Total number of registration

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#### A Brief Report on Guess The Gadget

Name of the Event	: Guess The Gadget 2K23
Date	: 31 <sup>st</sup> Jan and 1 <sup>st</sup> Feb Jan 2023
Venue	; N-Block Lane, CBIT, Hyderabad
Faculty Coordinators	; Dr.Sai Krishna, Asst Professor, ECE
	Sri P.Ranjith Asst Professor, ECE
Student Coordinators	: Anoushka 3 <sup>rd</sup> Year, Kinnera Tulluri 2 <sup>rd</sup> Year, Siddartha Neela 2 <sup>rd</sup> Year, Bhavani Prasad Reddy 2 <sup>rd</sup> Year, Nithin 2 <sup>rd</sup> Year.

During the annual technical fest SUDHEE 2023, IETE ISF CBIT organized the inaugural edition of GUESS THE GADGET as part of the QUINTIPLE theme in association with SYNAPSE 2K23. The event aimed to promote fast thinking and provide students with a unique experience in solving electronics problems. A large number of CBIT students and students from other Hyderabad colleges participated in the event.

The game was created to allow players to use technology to solve clues. Players can compete alone or in teams of two. There are three slots to choose from, with two available on January 31, 2023, and one available on February 1, 2023. Users can select the slot that works best for them. The game can be played in two ways. Teams use a gadget called "chit" where one teammate draws on a board while the other guesses the name of the gadget. Solo players collect clues to determine the correct gadget name.

After every round, we asked the players for their feedback on their experience and suggestions for any necessary improvements. The winners were determined based on their performance according to the time requirements and the final results observed by our volunteers.

The winners were announced by the head of ECE department of CBIT Dr. D. Krishna reddy sir on the last day of SUDHEE i.e.,19 january and facilitated with cash prize and participation certificates. Participation certificates were given to all other participants later on.

Registration fee: 30/- for solo and 50/- for team of two. Total cash prize: 1000/-Total number of paricipants:135

Winners:

Varun – ECE 2 – 2nd year, CBIT

Chaitanya Krishna – ECE 2 2<sup>nd</sup> year, CBIT





Fig.2 Participation of candidates on Day- 1 (slot -1)

(Student coordinators: Nithin, Kinnera)

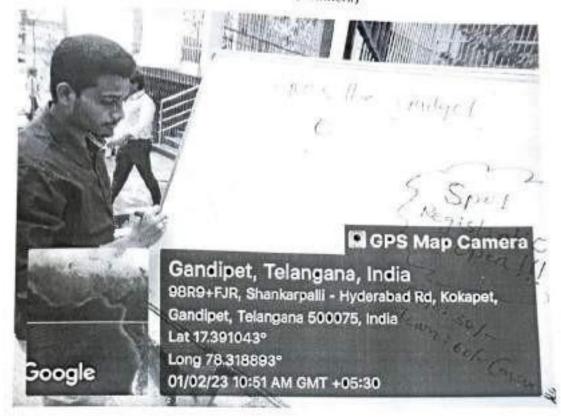


Fig.3 - Participations of candidates on Day -1 (slot 2)

# A BRIEF REPORT ON WEB DESIGNING CONTEST

The IETE ISE CBUT organized at WEB DESIGNING CONTEST during their annual technical fest, SUDHEE 2023, as part of QUINTUPLE under SYNAPSE 23. The CONTEST aims to showcase students' designing abilities in front end WEB DESIGNING.

Name of the event: WEB DESIGNING CONTEST 2023(IETE-ISF)

Date: 1<sup>st</sup> February 2023 Venue: VI SI Lab, Microcontrollers lab, N Block, CBIT

Timings from 9.30 to 12 00pm

Faculty Coordinators: Sri P Ranuth, Assistant Professor, ECE

Dr.Jeeth Ghosh, Assistant Professor, ECE

Student Coordinators: J Victor Paul

V.Hima Vamsi Shruti Upadhyaya P.Vivek B.Abhimanyu

The contest is to design a front-end of a web site. The contestants can choose one from the 3 themes given i.e., Travel Blog, Business, IETE website.

The contest consisted of two rounds and started around 9:30 a.m. In round 1 contestants were divided into two groups based on the themes they chose. Group 1 had contestants who chose TRAVEL BLOG, and Group 2 had contestants who chose BUSINESS and IETE WEBSITE as their theme. Group 1 contest was held in VLSI Lab, N-BLOCK Group 2 contest was held in microcontrollers lab.

Round 1 of the competition involved contestants from both groups presenting their designs, and judges evaluating them based on parameters such as Layout, Colors, Mechanical aspects and Graphics. Later, the top 5 contestants from Round 1 are promoted to Round 2. All judges from both groups evaluated the designs in round 2 and picked the top 3 designs.

The contest ended with declaration of winners by the HOD of ECE department Dr.D.Krishna Reddy sir. The merit certificates were handed out later in the valedictory session.

# A BRIEF REPORT ON WEB DESIGNING CONTEST

The IETE ISE CBIT organized a WEB DESIGNING CONTEST during their annual technical fest, SUDHEE 2023, as part of QUINTUPLE under SYNAPSE 23. The CONTEST aims to showcase students designing abilities in front end WEB DESIGNING.

Name of the event: WEB DESIGNING CONTEST 2023(IETE-ISE) Date: 1° February 2023 Venue: VLSI Lab, Microcontrollers lab, N Block, CBIT Timings: from 9:30 to 12:00pm Faculty Coordinators: Sri.P.Ranjith, Assistant Professor, ECE Dr.Jeeth Ghosh, Assistant Professor, ECE Student Coordinators: J.Victor Paul V.Hima Vamsi

Shruti Upadhyaya P.Vivek B.Abhimanyu

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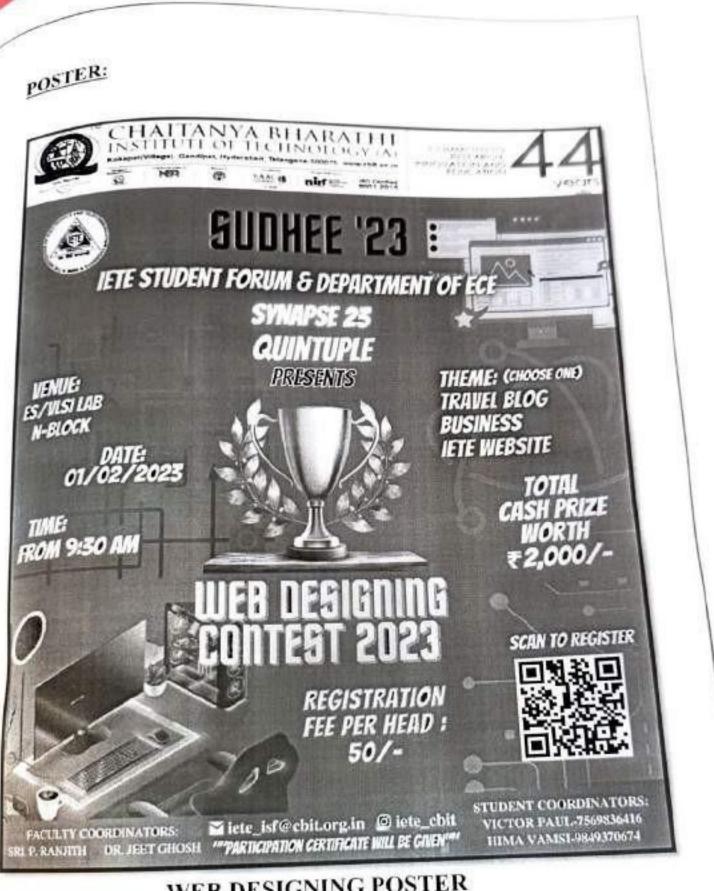
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# WEB DESIGNING POSTER

#### PHOTOS:



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Contestant presenting his design round 1



Contestant presenting his design in round 2



Dr.N.V.Koteswara Rao(Director-IQAC) sir and Sri.T.Sridhar sir Interacting with contestants and student coordinators (V.Hima Vamsi, P.Vivek)

# REPORT ON TECHNICAL DEBATE

Club Name: IFTI -ISF CRIT Event Name: Technical Debate Date: 1" February 2023 Time: 10:00 AM to 1:00 PM Venue: F. Class Room, Room no. N-301, CB11 Judges: P. Jaya Prasanth Reddy Faculty Co-ordinators: T.Sridher Asst Professor, ECE, CBUT, Smt.B.Neeraja, Asst Professor, ECF, CBIT Student Co-ordinators: B.Snchitha, 3rd Year, P.Bindu Vasini 2rd Year, Rama Robith 2rd year, M. Leela Sai Santhosh 2nd Year, Muni Gayathri 2nd Year

No. of Participants: 61

The IETE-ISF CBIT organized a Technical Debate event under the name of Synapse 2023 on 1st February 2023 as a part of SUDHEE-2023, the Technical Fest of CBIT. This event had an overwhelming response with over 60 registrations from enthusiastic participants from all years of engineering and from various colleges. The debate was conducted in two levels, with participants qualifying for level 2 after successfully completing level 1. The topic for the Level 1 debate was the Effects of Technology, while the Level 2 debate focused on the Advantages and Disadvantages of Artificial Intelligence. The topic for the level 1 was declared much before the date of the event while for the second level it was revealed on the spot. The event was conducted in the campus of CBIT. It is organized at two venues simultaneously for level 1 with 30 participants in each panel. Five best participants from each panel were promoted to level 2. The debate were judged by a panel of experienced professionals from the industry, with participants given an allotted time for their opening remarks, rebuttals, and closing statements. The participants were judged on several parameters, including their research and knowledge about the topic, communication skills, critical thinking, and presentation skills. The judges evaluated the participants based on their arguments, logical reasoning, and ability to articulate their points effectively. The event provided an excellent opportunity for participants to showcase their debating skills and engage in healthy discussions on the impact of technology on society. The event also provided a platform for participants to exchange ideas and learn from each other's perspectives. The winner of the event was awarded certificate of appreciation and cash prize of ₹2000, and their names were announced on the social media handles of IETE-ISF CBIT. The event has been witnessed by Dr.Krishna Reddy, Head of the Department-ECE, Dr.N.V.Koteshwar Rao, Director-IQAC and other faculty. The event concluded on a positive note, with the participants expressing their satisfaction with the event and appreciation for the organizers.

In conclusion, the Technical Debate event organized by IETE-ISF CBIT under the name of Synapse 2023 was a resounding success. The event provided a platform for participants to showcase their skills, engage in healthy discussions, and exchange ideas. It also highlighted the importance of critical thinking and effective communication skills in today's world. This event turned out to be successful with active participation from the

A Brief Report on Invited Talk Name of the Event: Invited Talk Date: 2nd Nov 2022 Date: 2 Stor Talk on "Telecommunication aspects in Indian Railways" Speaker: Shri, S. M Hafeez Ah, Asst Professor (Telecom), IRISET, Seconderabad Target Audience: BE ECE Sem III & V Students (ISE & Non ISE Students) Venue: N-Block Seminar Hall, CBIT(A), Hyderabad Faculty Coordinators: Sri. T. Sridher, FIETE, Asst Professor, ECE, CBIT Sri, P. Ranjith, Asst Professor, ECE, CBIT Sti,P. Chandrashekar, Focal Person IRISET, Asst, Professor, ECE, CBIT Student Coordinators: Snchitha Battula, Sujith Kudupudi, Varun Kamshetty of BE ECE

8

In view of the IETE 69th foundation day celebrations, the IETE Stadent Forum (ISF). CBIT and Navigation and Communication Research Centre (NSRC) of the ECE department of CBIT organized an Invited Talk by Shri, S. M Hafeez Ali, Asst Professor (Telecom), IRISET. Secunderabad on the topic, "Telecommunication aspects in Indian Railways" on 2nd November 2022 The Program started at 10:30 AM and went along till 12:30 PM, coordinated by the Executive Board members of ISF, CBIT. The Head of the Department, Faculty members from the department and a total of 289 students from ECE (119 Sem III & 170 Sem V Students including ISF members) attended the Talk.

The session began with the announcement of the new Executive board of IETE Student Forum, CBIT for the year 2022-2023, Then, the Brochure of the Navigation and Communication Research Centre (NSRC) (Vol.2) was launched by the guest and the faculty coordinators. Later, the speaker was invited to the stage to start the talk session. The Speaker Shri. S. M Hafeez Ali has made the session very informative by delivering his talk with his presentation about the Telecommunication aspects in Indian Railways. The main points of the talk were Optical Fibre Cables (OFC) in Railways, Multi Protocol Label Switching (MPLS), Video Surveillance system (CCTV), Mobile Train Radio Communication (MTRC), Communication Based Train Control (CBTC), Data Networks and Video Conferencing services and Wi-Fi of Indian Railways.

The session also covered the opportunities available for the ECE students at the Indian Railways and an idea about the Indian Railways Institute of Signal Engineering and Telecommunications (IRISET). The Overall session was really very interesting and informative to the students.

Sri. T. Sridher, Asst Professo, Sri. P. Ranjith, Asst Professor, and Sri.P.Chandrashekar Asst Professor are the faculty coordinators of this Invited Talk.



# A Brief Report on Technical Hunt

Name of the Event	4	Technical Hunt 2K 23
Date	4	31" Jan and 1" Feb Jan 2023
3 Contractor		N-Block Lane, CBIT, Hyderabad
Faculty Coordinators		Sri P.Chandra Shekar, Asst Professor, ECE Dr.D.Naga Devi, Asst Professor, ECE
Student Corrdinators	:	Nikhil Anneboina 3 <sup>nl</sup> Year, Varun Kamishetty 3 <sup>nl</sup> Year, Dharani , Sevireddy 2 <sup>nd</sup> Year, Sanikommu ishal Reddy 2 <sup>nd</sup> Year, Mannepally Nikitha 2 <sup>nd</sup> Year

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Predominantly the game was designed in such a frame that electronics found a way around the clues. Participants can either play solo or a team of two. The game was designed to have three slots of which on day -1 i.e., January 31, 2023 there was two slots and on day 2 i.e., February 1, 2023 there was one. Participants can choose any of the slot of their convenience. The teams were supposed to identify the clue and work on it to reach next the clue. The clues included the different block names along with some numbers that were useful to determine color code.

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The winners were announced by the head of ECE department of CBIT Dr. D. Krishna reddy sir on the last day of SUDHEE i.e.,1<sup>st</sup>january and facilitated with cash prize and participation certificates. Participation certificates were given to all other participants later on.

Registration fee: 30/- for solo and 50/- for team of two.

Winners:

Hemanth – ECE 2 - 3<sup>rd</sup> year, CBIT Nifin Kumar – ECE 2 - 3<sup>rd</sup> year, CBIT

- ✤ Total cash prize: 2000/-
- Total number of registrations: 10
- Total number of participants: 19

GALLERY:



Fig.1 TECHNICAL HUNT Poster



Fig. / Parth lpants registering for game on spot Day-1 (slot-1)

(Student coordinators: Nikitha, Dharani)

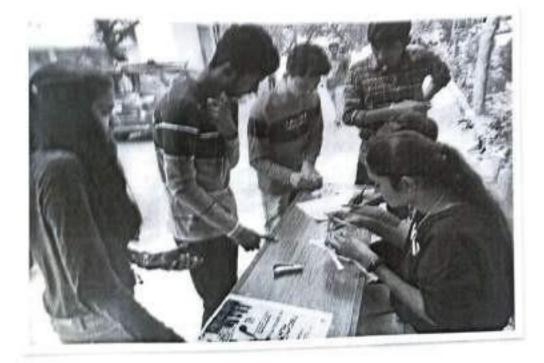


Fig.3 Participants giving feedback Day -1 (slot 2)

## A Brief Report on Quiz Masters (Technical Quiz) by ISF-CBIT

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Date: 31" January 2023

Venue: N107, E-Classroom, N-block, CBIT(A), Hyderabad

Participants: Students from CBIT and other engineering colleges

Faculty Coordinators: Smt. Ghata Chauhan, Asst. Professor, ECE Smt. J. Mounika, Asst. Professor, ECE

Mr. Chandulai Vislawath External Judge:

J. Phani Sathwik	Student Coordinators:	ECE VI SEM: ECE IV SEM:	M. Sree Charana Roddy Muthyala Sanjay Reddy K. Sindhura Reddy	
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Following the round 1, feedback comments were taken from the external judge and the faculty evening. coordinators. Quiz winners were announced on the same day i.e., on 31" January and have been facilitated with certificates and cash prize. Participation Certificates were given to all the participants.

Total cash prize; 2000/-

The top contestants are:

- Winners (from CBIT) 1. Sai Kumar & Sai Bharath - Runners (from CBIT) 3. Charanya & Sai Chandra Prasad - Runners (from CBIT)

30/+ for solo participant Registration fees: 50/- for a team of 2

Total number of registrations: 104

Total Number of Participants: 198



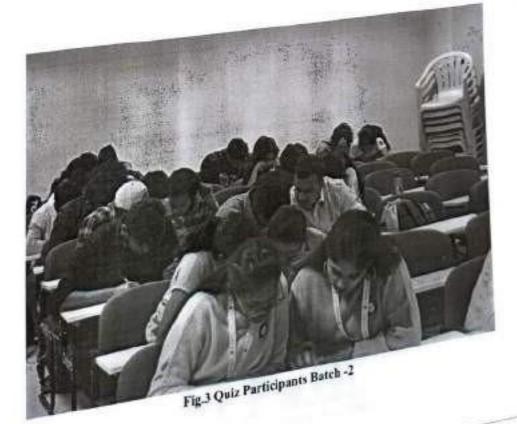
All the contribution by Student Coordinators and the Faculty Coordinators have helped in organizing the Quiz successfully. The Quiz has given a good opportunity to test their knowledge and a good competitive spirit among the students for the future events. Finally, we thank the Head of the ECE good competitive spirit among the students for the future events. Finally, we thank the Head of the ECE department, Dr. D. Krishna Reddy, the Faculty Coordinators of ISF, CBIT Sri T. Sridhar (Aste Professor, ECE), Faculty coordinators for the event - Smit. Takea Professor, ECE), Sri P. Ranjith (Asst Professor, ECE), Faculty coordinators for the ECE Student Forum Chudan (Asst. Professor, ECE), Smit J. Mounika (Asst. Professor, ECE), the IETE Student Forum (ISF), the department of ECE and our Institute for encouraging and giving the opportunity to tendage the event.



Fig.1 QUIZ MASTERS Poster



Fig.2 Quiz Participants Batch-1



## 10

# Report on HAM Radio Certification Training Program

Time: 10:00 AM to 4:00 PM Location: E Class Room (N 108), CBIT, Hyderabad Organized by: Ham Bacho Club, ECE Department, CBIT, Hyderabad in Association with: Lamakaan Amateur Bacho Club, Hyderabad Conducted by ECE Department, CBIT Coordinator: Mr. A. Krishna Kumar, Assistant Professor, ECE Department Co-coordinator: Dr. Bhasker Dappurs, Assistant Professor, ECE Department Inaugurated by: Dr. D. Krishna Reddy, HoD, ECE Department Resource Person: Mr. R J Marcus, UU2VTM Supporting Team: Shashi Bhushan, Director of Lamakaan Amateur Radio Club (LARC), Hyderabad Parmesha G, VU3VXT Sal Kiran: M, VU3VXT participants: 230 students from the III & V semester of ECE

## Executive Summary

On September 13, 2023, a comprehensive training program on HAM Radio was conducted at the Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad. The training aimed to prepare students for the upcoming HAM Radio Certification Examination scheduled for September 26, 2023. This event was organized by the Ham Radio Club of the ECE Department at CBIT, in collaboration with the tamakaan Amateur Radio Club, Hyderabad.

The training program, held in E Class Room (N-108), was inaugurated by Dr. D. Krishna Reddy, the Head of the ECE Department. The main resource person for the training was R J Marcus, UU2VTM, an experienced instructor with a remarkable teaching history spanning 60 years, including prestigious institutions like IISC Bangalore and Viswswarayya University.

With the active support of Shashi Bhushan, Parmesha G, Sai Kiran .M, and other dedicated team members, this event proved to be a tremendous success, with over 230 students participating and benefiting from the training.

## Training Program Details

## Inauguration

The training program commenced with an inauguration ceremony graced by Dr. D. Krishna Beddy. HoD ECE, CBIT, who delivered an inspiring speech emphasizing the significance of HAM stadio in the HoD test of electronics and telecommunications. Dr. D. Krishna Reddy words set the tone for an engaging

## Training Sessions

g.) Marcus, UU2VTM, the main resource person, delivered the core content of the training program. g.) Matter His vast experience and profound knowledge in the field of electronics and telecommunications were

The topics covered included

introduction to HAM Radio

gadio Waxes and Propagation

NAM Radio Equipment and Operation

HAM Radio Licensing and Regulations

Emergency Communication with HAM Radio

Exercises

The training sessions were interactive, allowing students to ask questions and engage in activities. Mr. Marcus' teaching style, coupled with his practical approach, made complex concepts accessible and understandable to all participants

#### Support Team

The success of the training program was also attributed to the dedicated support team. Shashi shashan, Director of Lamakaan Amateur Radio Club (LARC), Hyderabad, played a pivotal role in coordinating the event. Parmesha G, VU3VXT, and Sai Kiran, M, VU3VXT, provided valuable assistance during the practical exercises and demonstrations

#### Certification Examination

Following the training, participants were well-prepared for the upcoming HAM Radio Certification Examination, which was scheduled for September 26, 2023. The knowledge and skills imparted during the training program equipped the students to excel in this examination and obtain their HAM Radio licenses.



# MOI × SYNAPSE PRESENTS

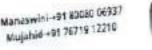


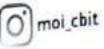
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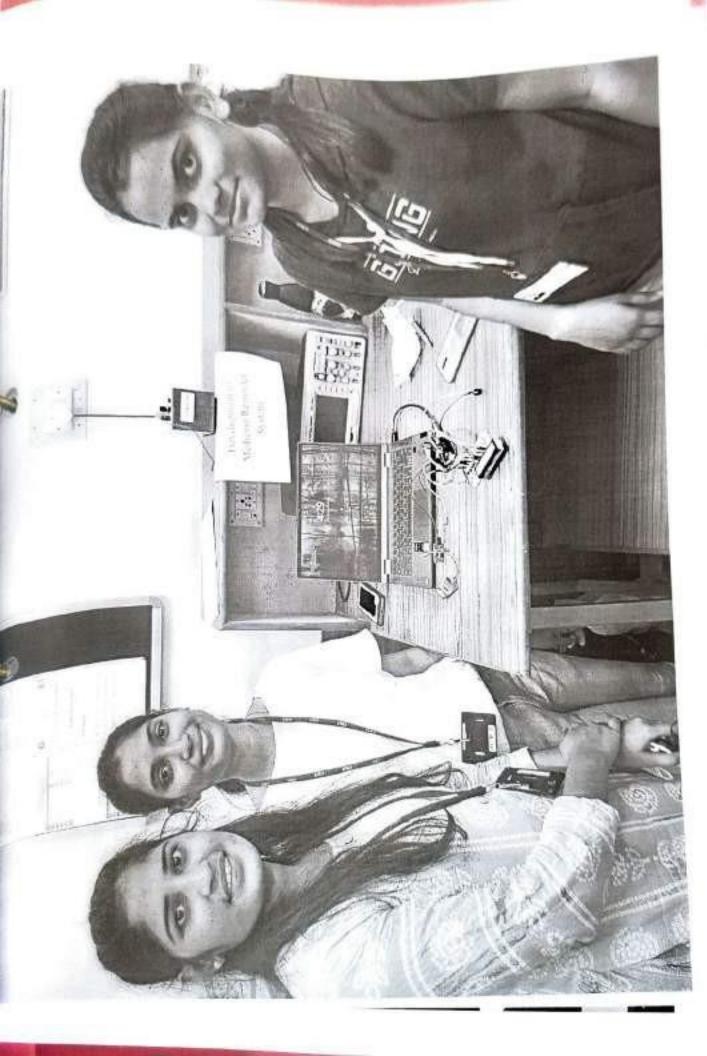


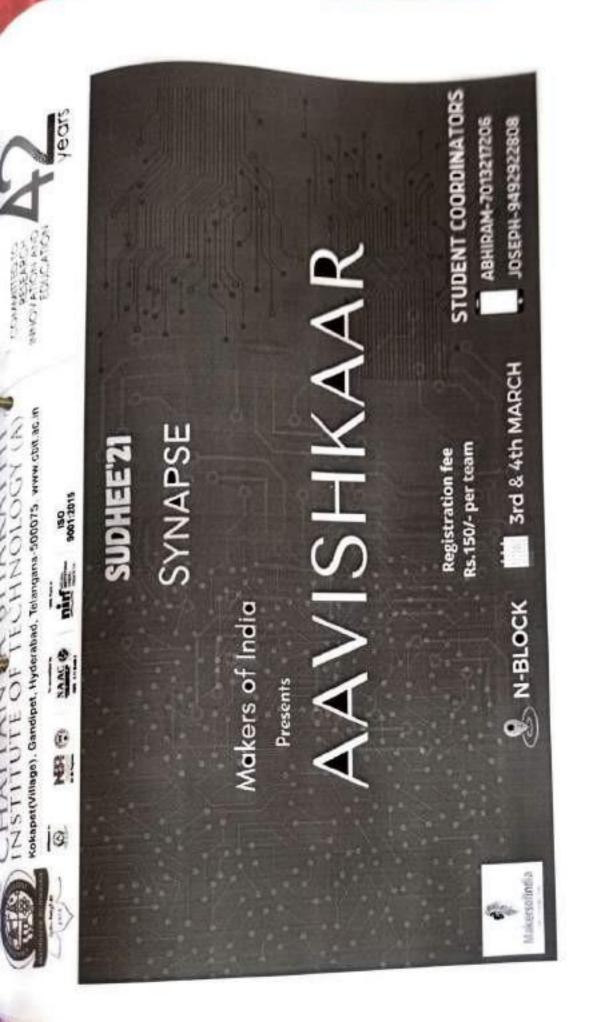


















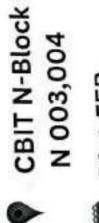
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09:30AM to 12:00PM 01st FEB 1

Shrayan - 7893616456 Prithvi - 7330789283



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Scan the QR code to register





#### Report on Synapse-2023 "Aavishkaar Software Edition"

AAVISHKAAR Software Edition was organized under the hanner of Makers Of India club in Synapse 2023 as a part of Sudhee 23 on 1" February 2023 during 00 to AM to 12 clo PM The main objective of the event is to enhance the software skills, solutions with different dens and approaches to bring a change to the current world by problem solving methods using the imulation tools. In response to this event, 26 students are partaken from various institutions and showcased their skills in designing models using **Tinkercad**. These designs are evaluated by the Sri Praveen Kumar Durusetti, Senior Tech Arch, NETCRACKER, Hyderabad, and Sri Jagan Mohan Reddy Assistant Professor, Chaitanya Bharathi Institute of Technology.

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#### **AAVISHKAAR Software Edition photos**







### Report on PIASS South Cartilication Training Program

#### Organ Researcher 64 June 1

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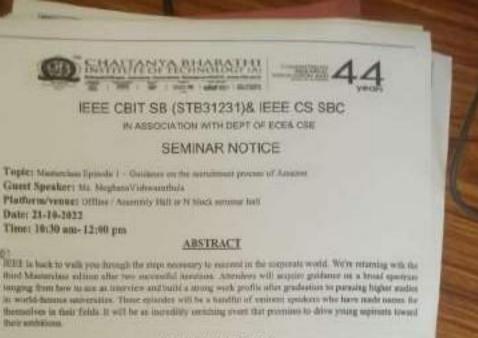
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Department Summary

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with the active support of Shashi Bhoshan, Parmesha G, Sin Kiran JA, and other dedicated term members, this event proved to be a tremendous success, with over 230 students percepting and percepting from the training.



#### ABOUT THE SPEAKER

Megnava Valressatively, a southir CHIT graduate front the Department of Infernation Tochnology, will be the ment speaker for the first monde of Matantian vita. She is a Software \$

Development Engineer at the well-known product-based corporation," Amazon," Inhas third your, do noted he corporate carne with as intermiting effect from a prestances company, Goldman Sachs, Then, he got a sin-month interactly from Amatum is her hunth year. At the same time, after interiorg with Guthman Soche, the was granned a FPG. Finally, after completing the maning as America at the end of her flash war of genduation, the was officed full-time employment at Amazon. the was the Statent Association's Vice President (2020) and General Societary (2010-20) She worksh

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Student coordinature: Ms. Records, Mr. Mondula.

Date: 21-10-1022

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Faculty contributory: Dr. Y. Barnadush, Mr. D. Mallacharrow, Ras.

ALL ARE WELCOME.



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#### A Brief Report on Guess The Gadget

Name of the Event	: Guess The Gadget 2K23
Date	: 31 <sup>st</sup> Jan and 1 <sup>st</sup> Feb Jan 2023
Venue	; N-Block Lane, CBIT, Hyderabad
Faculty Coordinators	; Dr.Sai Krishna, Asst Professor, ECE
	Sri P.Ranjith Asst Professor, ECE
Student Coordinators	: Anoushka 3 <sup>rd</sup> Year, Kinnera Tulluri 2 <sup>rd</sup> Year, Siddartha Neela 2 <sup>rd</sup> Year, Bhavani Prasad Reddy 2 <sup>rd</sup> Year, Nithin 2 <sup>rd</sup> Year.

During the annual technical fest SUDHEE 2023, IETE ISF CBIT organized the inaugural edition of GUESS THE GADGET as part of the QUINTIPLE theme in association with SYNAPSE 2K23. The event aimed to promote fast thinking and provide students with a unique experience in solving electronics problems. A large number of CBIT students and students from other Hyderabad colleges participated in the event.

The game was created to allow players to use technology to solve clues. Players can compete alone or in teams of two. There are three slots to choose from, with two available on January 31, 2023, and one available on February 1, 2023. Users can select the slot that works best for them. The game can be played in two ways. Teams use a gadget called "chit" where one teammate draws on a board while the other guesses the name of the gadget. Solo players collect clues to determine the correct gadget name.

After every round, we asked the players for their feedback on their experience and suggestions for any necessary improvements. The winners were determined based on their performance according to the time requirements and the final results observed by our volunteers.

The winners were announced by the head of ECE department of CBIT Dr. D. Krishna reddy sir on the last day of SUDHEE i.e.,19 january and facilitated with cash prize and participation certificates. Participation certificates were given to all other participants later on.

Registration fee: 30/- for solo and 50/- for team of two. Total cash prize: 1000/-Total number of paricipants:135

Winners:

Varun – ECE 2 – 2nd year, CBIT

Chaitanya Krishna – ECE 2 2<sup>nd</sup> year, CBIT





Fig.2 Participation of candidates on Day- 1 (slot -1)

(Student coordinators: Nithin, Kinnera)

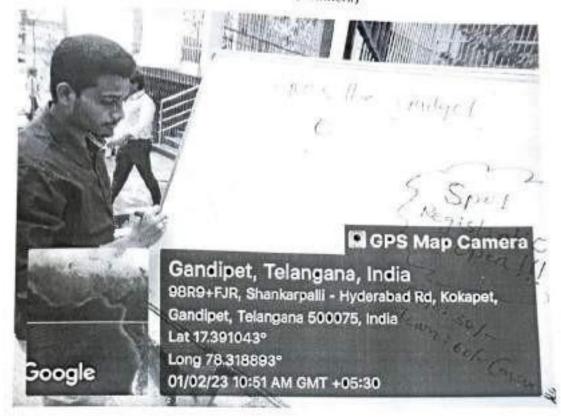


Fig.3 - Participations of candidates on Day -1 (slot 2)

## A BRIEF REPORT ON WEB DESIGNING CONTEST

The IETE ISE CBUT organized at WEB DESIGNING CONTEST during their annual technical fest, SUDHEE 2023, as part of QUINTUPLE under SYNAPSE 23. The CONTEST aims to showcase students' designing abilities in front end WEB DESIGNING.

Name of the event: WEB DESIGNING CONTEST 2023(IETE-ISF)

Date: 1<sup>st</sup> February 2023 Venue: VI SI Lab, Microcontrollers lab, N Block, CBIT

Timings from 9.30 to 12 00pm

Faculty Coordinators: Sri P Ranuth, Assistant Professor, ECE

Dr.Jeeth Ghosh, Assistant Professor, ECE

Student Coordinators: J Victor Paul

V.Hima Vamsi Shruti Upadhyaya P.Vivek B.Abhimanyu

The contest is to design a front-end of a web site. The contestants can choose one from the 3 themes given i.e., Travel Blog, Business, IETE website.

The contest consisted of two rounds and started around 9:30 a.m. In round 1 contestants were divided into two groups based on the themes they chose. Group 1 had contestants who chose TRAVEL BLOG, and Group 2 had contestants who chose BUSINESS and IETE WEBSITE as their theme. Group 1 contest was held in VLSI Lab, N-BLOCK Group 2 contest was held in microcontrollers lab.

Round 1 of the competition involved contestants from both groups presenting their designs, and judges evaluating them based on parameters such as Layout, Colors, Mechanical aspects and Graphics. Later, the top 5 contestants from Round 1 are promoted to Round 2. All judges from both groups evaluated the designs in round 2 and picked the top 3 designs.

The contest ended with declaration of winners by the HOD of ECE department Dr.D.Krishna Reddy sir. The merit certificates were handed out later in the valedictory session.

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## A BRIEF REPORT ON WEB DESIGNING CONTEST

The IETE ISE CBIT organized a WEB DESIGNING CONTEST during their annual technical fest, SUDHEE 2023, as part of QUINTUPLE under SYNAPSE 23. The CONTEST aims to showcase students designing abilities in front end WEB DESIGNING.

Name of the event: WEB DESIGNING CONTEST 2023(IETE-ISE) Date: 1° February 2023 Venue: VLSI Lab, Microcontrollers lab, N Block, CBIT Timings: from 9:30 to 12:00pm Faculty Coordinators: Sri.P.Ranjith, Assistant Professor, ECE Dr.Jeeth Ghosh, Assistant Professor, ECE Student Coordinators: J.Victor Paul V.Hima Vamsi

Shruti Upadhyaya P.Vivek B.Abhimanyu

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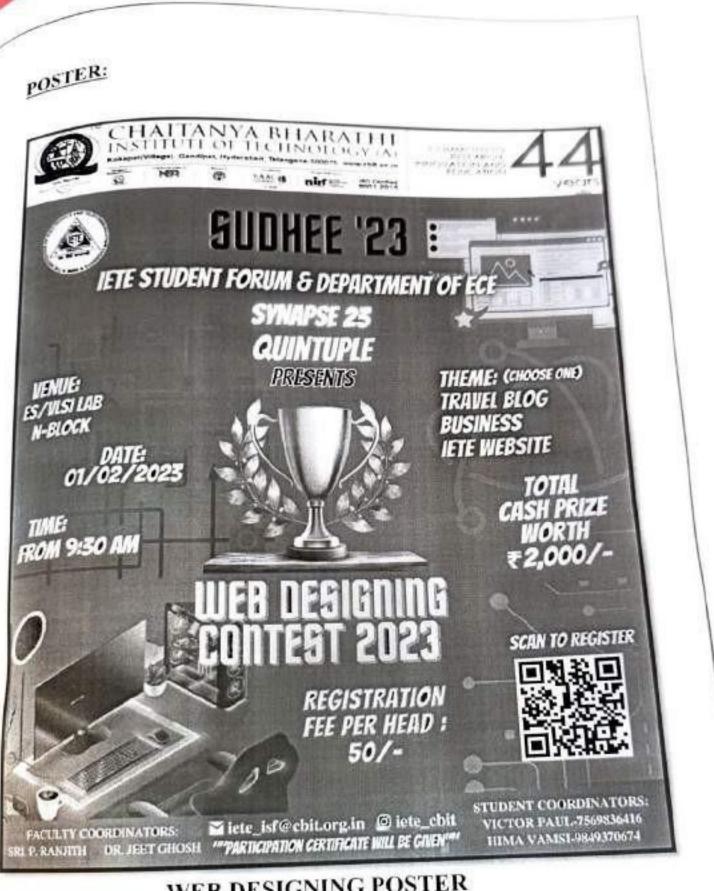
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## WEB DESIGNING POSTER

### PHOTOS:



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Contestant presenting his design round 1



Contestant presenting his design in round 2



Dr.N.V.Koteswara Rao(Director-IQAC) sir and Sri.T.Sridhar sir Interacting with contestants and student coordinators (V.Hima Vamsi, P.Vivek)

## REPORT ON TECHNICAL DEBATE

Club Name: IFTI -ISF CRIT Event Name: Technical Debate Date: 1" February 2023 Time: 10:00 AM to 1:00 PM Venue: F. Class Room, Room no. N-301, CB11 Judges: P. Jaya Prasanth Reddy Faculty Co-ordinators: T.Sridher Asst Professor, ECE, CBUT, Smt.B.Neeraja, Asst Professor, ECF, CBIT Student Co-ordinators: B.Snchitha, 3rd Year, P.Bindu Vasini 2rd Year, Rama Robith 2rd year, M. Leela Sai Santhosh 2nd Year, Muni Gayathri 2nd Year

No. of Participants: 61

The IETE-ISF CBIT organized a Technical Debate event under the name of Synapse 2023 on 1st February 2023 as a part of SUDHEE-2023, the Technical Fest of CBIT. This event had an overwhelming response with over 60 registrations from enthusiastic participants from all years of engineering and from various colleges. The debate was conducted in two levels, with participants qualifying for level 2 after successfully completing level 1. The topic for the Level 1 debate was the Effects of Technology, while the Level 2 debate focused on the Advantages and Disadvantages of Artificial Intelligence. The topic for the level 1 was declared much before the date of the event while for the second level it was revealed on the spot. The event was conducted in the campus of CBIT. It is organized at two venues simultaneously for level 1 with 30 participants in each panel. Five best participants from each panel were promoted to level 2. The debate were judged by a panel of experienced professionals from the industry, with participants given an allotted time for their opening remarks, rebuttals, and closing statements. The participants were judged on several parameters, including their research and knowledge about the topic, communication skills, critical thinking, and presentation skills. The judges evaluated the participants based on their arguments, logical reasoning, and ability to articulate their points effectively. The event provided an excellent opportunity for participants to showcase their debating skills and engage in healthy discussions on the impact of technology on society. The event also provided a platform for participants to exchange ideas and learn from each other's perspectives. The winner of the event was awarded certificate of appreciation and cash prize of ₹2000, and their names were announced on the social media handles of IETE-ISF CBIT. The event has been witnessed by Dr.Krishna Reddy, Head of the Department-ECE, Dr.N.V.Koteshwar Rao, Director-IQAC and other faculty. The event concluded on a positive note, with the participants expressing their satisfaction with the event and appreciation for the organizers.

In conclusion, the Technical Debate event organized by IETE-ISF CBIT under the name of Synapse 2023 was a resounding success. The event provided a platform for participants to showcase their skills, engage in healthy discussions, and exchange ideas. It also highlighted the importance of critical thinking and effective communication skills in today's world. This event turned out to be successful with active participation from the

A Brief Report on Invited Talk Name of the Event: Invited Talk Date: 2nd Nov 2022 Date: 2 Stor Talk on "Telecommunication aspects in Indian Railways" Speaker: Shri, S. M Hafeez Ah, Asst Professor (Telecom), IRISET, Seconderabad Target Audience: BE ECE Sem III & V Students (ISF & Non ISF Students) Venue: N-Block Seminar Hall, CBIT(A), Hyderabad Faculty Coordinators: Sri. T. Sridher, FIETE, Asst Professor, ECE, CBIT Sri, P. Ranjith, Asst Professor, ECE, CBIT Sti,P. Chandrashekar, Focal Person IRISET, Asst, Professor, ECE, CBIT Student Coordinators: Snchitha Battula, Sujith Kudupudi, Varun Kamshetty of BE ECE

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In view of the IETE 69th foundation day celebrations, the IETE Stadent Forum (ISF). CBIT and Navigation and Communication Research Centre (NSRC) of the ECE department of CBIT organized an Invited Talk by Shri, S. M Hafeez Ali, Asst Professor (Telecom), IRISET. Secunderabad on the topic, "Telecommunication aspects in Indian Railways" on 2nd November 2022 The Program started at 10:30 AM and went along till 12:30 PM, coordinated by the Executive Board members of ISF, CBIT. The Head of the Department, Faculty members from the department and a total of 289 students from ECE (119 Sem III & 170 Sem V Students including ISF members) attended the Talk.

The session began with the announcement of the new Executive board of IETE Student Forum, CBIT for the year 2022-2023, Then, the Brochure of the Navigation and Communication Research Centre (NSRC) (Vol.2) was launched by the guest and the faculty coordinators. Later, the speaker was invited to the stage to start the talk session. The Speaker Shri. S. M Hafeez Ali has made the session very informative by delivering his talk with his presentation about the Telecommunication aspects in Indian Railways. The main points of the talk were Optical Fibre Cables (OFC) in Railways, Multi Protocol Label Switching (MPLS), Video Surveillance system (CCTV), Mobile Train Radio Communication (MTRC), Communication Based Train Control (CBTC), Data Networks and Video Conferencing services and Wi-Fi of Indian Railways.

The session also covered the opportunities available for the ECE students at the Indian Railways and an idea about the Indian Railways Institute of Signal Engineering and Telecommunications (IRISET). The Overall session was really very interesting and informative to the students.

Sri. T. Sridher, Asst Professo, Sri. P. Ranjith, Asst Professor, and Sri.P.Chandrashekar Asst Professor are the faculty coordinators of this Invited Talk.



## A Brief Report on Technical Hunt

Name of the Event	4	Technical Hunt 2K 23
Date	4	31" Jan and 1" Feb Jan 2023
3 Contractor		N-Block Lane, CBIT, Hyderabad
Faculty Coordinators		Sri P.Chandra Shekar, Asst Professor, ECE Dr.D.Naga Devi, Asst Professor, ECE
Student Corrdinators	:	Nikhil Anneboina 3 <sup>nl</sup> Year, Varun Kamishetty 3 <sup>nl</sup> Year, Dharani , Sevireddy 2 <sup>nd</sup> Year, Sanikommu ishal Reddy 2 <sup>nd</sup> Year, Mannepally Nikitha 2 <sup>nd</sup> Year

The IETE ISF CBIT organized its first edition of TECHNICAL HUNT during the annual technical fest SUDHEE 2023, as a part of the theme QUINTIPLE in association with SYNAPSE 2K23. The main objective of event is to enhance quick thinking among students and giving them a different experience in problem solving in the field of electronics. There was a huge participation from students of CBIT and some other colleges in Hyderabad.

Predominantly the game was designed in such a frame that electronics found a way around the clues. Participants can either play solo or a team of two. The game was designed to have three slots of which on day -1 i.e., January 31, 2023 there was two slots and on day 2 i.e., February 1, 2023 there was one. Participants can choose any of the slot of their convenience. The teams were supposed to identify the clue and work on it to reach next the clue. The clues included the different block names along with some numbers that were useful to determine color code.

The process would go on until the team succeeds in identifying the correct resistor color coding using the clues they have collected. Following the completion of each slot, feedback was taken from each participant to know their experience in the play and if any improvements needed. Winners were determined based on the time criteria and the final clues they have submitted to our volunteers.

The winners were announced by the head of ECE department of CBIT Dr. D. Krishna reddy sir on the last day of SUDHEE i.e.,1<sup>st</sup>january and facilitated with cash prize and participation certificates. Participation certificates were given to all other participants later on.

Registration fee: 30/- for solo and 50/- for team of two.

Winners:

Hemanth – ECE 2 - 3<sup>rd</sup> year, CBIT Nifin Kumar – ECE 2 - 3<sup>rd</sup> year, CBIT

- ✤ Total cash prize: 2000/-
- Total number of registrations: 10
- Total number of participants: 19

GALLERY:



Fig.1 TECHNICAL HUNT Poster



Fig. / Parth lpants registering for game on spot Day-1 (slot-1)

(Student coordinators: Nikitha, Dharani)

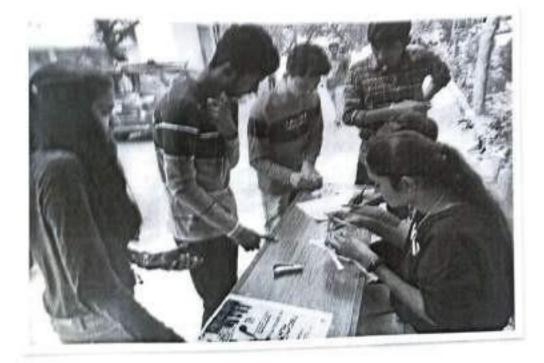


Fig.3 Participants giving feedback Day -1 (slot 2)

## A Brief Report on Quiz Masters (Technical Quiz) by ISF-CBIT

Name of the Event: QUIZ MASTERS

Date: 31" January 2023

Venue: N107, E-Classroom, N-block, CBIT(A), Hyderabad

Participants: Students from CBIT and other engineering colleges

Faculty Coordinators: Smt. Ghata Chauhan, Asst. Professor, ECE Smt. J. Mounika, Asst. Professor, ECE

Mr. Chandulai Vislawath External Judge:

J. Phani Sathwik	Student Coordinators:	ECE VI SEM: ECE IV SEM:	M. Sree Charana Roddy Muthyala Sanjay Reddy K. Sindhura Reddy	
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IETE Student Forum (ISF) and ECE department of CBIT organized "QUIZ MASTERS" a Technical Quiz as a part of QUINTUPLE to all the Engineering students from various colleges under "SYNAPSE 2023" by ECE department for SUDHEE - The Annual Technical Fest of CBIT. The main aim of the event is to create an interest among students to take part in quizzes and test their knowledge in the field of electronics. There are over 100 registrations including solo and group registrations from students of CBIT and few other Engineering colleges.

The Quiz was conducted in 3 rounds. Round 1 being a general questions round was conducted in 2 batches and the top 20 teams were selected for round 2. Three teams from round 2 were selected participate in round 3. The quiz started around 10:00 am in the morning and ended at 4:00 pm in the

Following the round 1, feedback comments were taken from the external judge and the faculty evening. coordinators. Quiz winners were announced on the same day i.e., on 31" January and have been facilitated with certificates and cash prize. Participation Certificates were given to all the participants.

Total cash prize; 2000/-

The top contestants are:

- Winners (from CBIT) 1. Sai Kumar & Sai Bharath - Runners (from CBIT) 3. Charanya & Sai Chandra Prasad - Runners (from CBIT)

30/+ for solo participant Registration fees: 50/- for a team of 2

Total number of registrations: 104

Total Number of Participants: 198



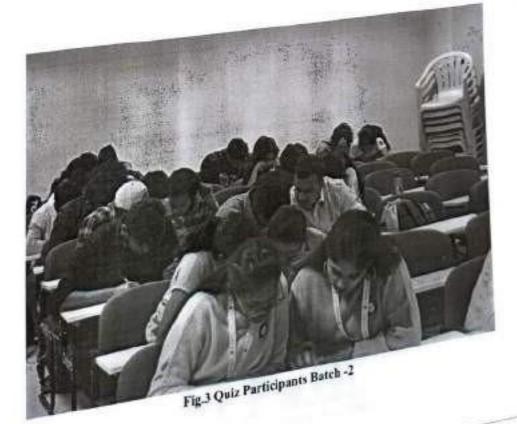
All the contribution by Student Coordinators and the Faculty Coordinators have helped in organizing the Quiz successfully. The Quiz has given a good opportunity to test their knowledge and a good competitive spirit among the students for the future events. Finally, we thank the Head of the ECE good competitive spirit among the students for the future events. Finally, we thank the Head of the ECE department, Dr. D. Krishna Reddy, the Faculty Coordinators of ISF, CBIT Sri T. Sridhar (Aste Professor, ECE), Faculty coordinators for the event - Smit. Takea Professor, ECE), Sri P. Ranjith (Asst Professor, ECE), Faculty coordinators for the ECE Student Forum Chudan (Asst. Professor, ECE), Smit J. Mounika (Asst. Professor, ECE), the IETE Student Forum (ISF), the department of ECE and our Institute for encouraging and giving the opportunity to tendage the event.



Fig.1 QUIZ MASTERS Poster



Fig.2 Quiz Participants Batch-1



## 10

# Report on HAM Radio Certification Training Program

Time: 10:00 AM to 4:00 PM Location: E Class Room (N 108), CBIT, Hyderabad Organized by: Ham Bacho Club, ECE Department, CBIT, Hyderabad in Association with: Lamakaan Amateur Bacho Club, Hyderabad Conducted by ECE Department, CBIT Coordinator: Mr. A. Krishna Kumar, Assistant Professor, ECE Department Co-coordinator: Dr. Bhasker Dappurs, Assistant Professor, ECE Department Inaugurated by: Dr. D. Krishna Reddy, HoD, ECE Department Resource Person: Mr. R J Marcus, UU2VTM Supporting Team: Shashi Bhushan, Director of Lamakaan Amateur Radio Club (LARC), Hyderabad Parmesha G, VU3VXT Sal Kiran: M, VU3VXT participants: 230 students from the III & V semester of ECE

## Executive Summary

On September 13, 2023, a comprehensive training program on HAM Radio was conducted at the Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad. The training aimed to prepare students for the upcoming HAM Radio Certification Examination scheduled for September 26, 2023. This event was organized by the Ham Radio Club of the ECE Department at CBIT, in collaboration with the tamakaan Amateur Radio Club, Hyderabad.

The training program, held in E Class Room (N-108), was inaugurated by Dr. D. Krishna Reddy, the Head of the ECE Department. The main resource person for the training was R J Marcus, UU2VTM, an experienced instructor with a remarkable teaching history spanning 60 years, including prestigious institutions like IISC Bangalore and Viswswarayya University.

With the active support of Shashi Bhushan, Parmesha G, Sai Kiran .M, and other dedicated team members, this event proved to be a tremendous success, with over 230 students participating and benefiting from the training.

## Training Program Details

## Inauguration

The training program commenced with an inauguration ceremony graced by Dr. D. Krishna Beddy. HoD ECE, CBIT, who delivered an inspiring speech emphasizing the significance of HAM stadio in the HoD test of electronics and telecommunications. Dr. D. Krishna Reddy words set the tone for an engaging

## Training Sessions

g.) Marcus, UU2VTM, the main resource person, delivered the core content of the training program. g.) Matter His vast experience and profound knowledge in the field of electronics and telecommunications were

The topics covered included

introduction to HAM Radio

gadio Waxes and Propagation

NAM Radio Equipment and Operation

HAM Radio Licensing and Regulations

Emergency Communication with HAM Radio

Exercises

The training sessions were interactive, allowing students to ask questions and engage in activities. Mr. Marcus' teaching style, coupled with his practical approach, made complex concepts accessible and understandable to all participants

#### Support Team

The success of the training program was also attributed to the dedicated support team. Shashi shashan, Director of Lamakaan Amateur Radio Club (LARC), Hyderabad, played a pivotal role in coordinating the event. Parmesha G, VU3VXT, and Sai Kiran, M, VU3VXT, provided valuable assistance during the practical exercises and demonstrations

#### Certification Examination

Following the training, participants were well-prepared for the upcoming HAM Radio Certification Examination, which was scheduled for September 26, 2023. The knowledge and skills imparted during the training program equipped the students to excel in this examination and obtain their HAM Radio licenses.



# MOI × SYNAPSE PRESENTS

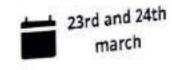


REGISTRATIONS ARE OPEN!

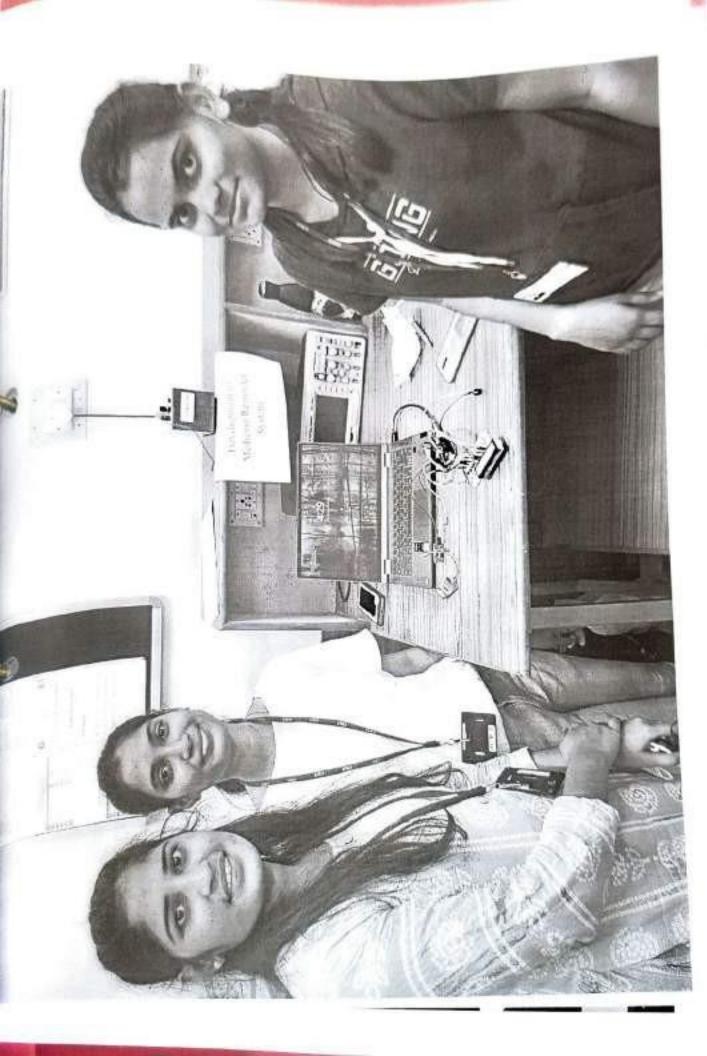


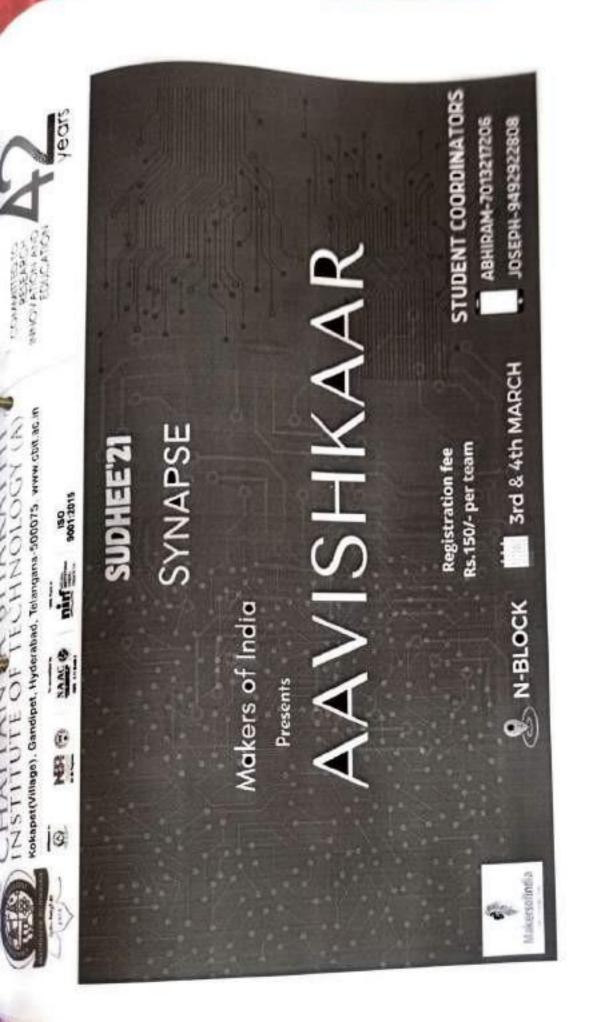


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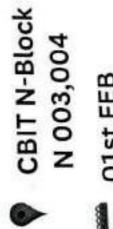
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India





09:30AM to 12:00PM 01st FEB

Shrayan - 7893616456 Prithvi - 7330789283



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Scan the QR code to register





#### Report on Synapse-2023 "Aavishkaar Software Edition"

AAVISHKAAR Software Edition was organized under the hanner of Makers Of India club in Synapse 2023 as a part of Sudhee 23 on 1" February 2023 during 00 to AM to 12 clo PM The main objective of the event is to enhance the software skills, solutions with different dens and approaches to bring a change to the current world by problem solving methods using the imulation tools. In response to this event, 26 students are partaken from various institutions and showcased their skills in designing models using **Tinkercad**. These designs are evaluated by the Sri Praveen Kumar Durusetti, Senior Tech Arch, NETCRACKER, Hyderabad, and Sri Jagan Mohan Reddy Assistant Professor, Chaitanya Bharathi Institute of Technology.

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#### **AAVISHKAAR Software Edition photos**



