

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
(Autonomous)

Kokapet (Village), Gandipet, Hyderabad, Telangana - 500075

www.cbit.ac.in

5.1.3 The following Capacity Development and Skill Enhancement activities are organised for improving students capabilities

1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene), 4. Awareness of trends in technology

Activity conducted for Capacity Development and Skill Enhancement during the academic year 2022-23

“AWARENESS OF TRENDS IN TECHNOLOGY”

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
Gandipet, Hyderabad - 500 075
DEPARTMENT OF CIVIL ENGINEERING

CIRCULAR

Date: 03-04-2023

All the students of Civil Engineering Department must attend a guest lecture on **“Ground Granulated Blast Furnace Slag – GGBS (IS 16714) for Strong, Durable, Sustainable & Green Concrete Construction”** organised by IGBC Student Chapter on 04th April 2023. Interested staff may also attend.

Venue: Assembly Hall

Time: 2 PM

HEAD
Dept. of Civil Engg.



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INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in



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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

44
years



Department of Civil Engineering
Presents

IGBC Student Chapter

Guest lecture on GGBS- IS 16714 for strong durable
sustainable and green concrete construction.

by Mr. Shanmukha. A. S. Reddy.



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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

44
years

INDIAN GREEN BUILDING COUNCIL

STUDENT CHAPTER

**Event Report: - Guest Lecture on “Ground Granulated Blast
Furnace Slag – GGBS (IS 16714) for Strong, Durable,
Sustainable & Green Concrete Construction”**

Speaker: Mr. Shanmukha. A.S. Reddy. Puli,
Asst. General Manager, JSW Cement Limited.

Date: 4th April, 2023

Venue: Assembly Hall, CBIT

Time: 2 p.m. - 4 p.m.

Number of Participants: 350

Faculty Incharge: N. Lalitha Kumari

Student President: Mahitha Kotte

Student Vice President: Chandra Vikas

About the Event:

On April 4, 2023 a guest lecture was held on our campus on "Ground Granulated Blast Furnace Slag – GGBS (IS 16714) for Strong, Durable, Sustainable & Green Concrete Construction." The lecture was delivered by Mr. Shanmukha A.S. Reddy Sir who is an Asst. General Manager in JSW Cement Limited with over twenty years of experience in the quality control department, construction material testing, preparation of concrete mix designs, handling the batching plants, and conducting audits. The lecture was attended by students, and faculty members of Civil Engineering Department of CBIT.

Mr. Shanmukha started the lecture by providing an overview of the need for materials for Strong, Durable, Sustainable, and Green Concrete Construction. He highlighted the importance of GGBS admixture in concrete. He also discussed how it improves the strength and durability of concrete, reduces the risk of cracking, lowers the carbon footprint of concrete production, increases the workability of concrete by reducing the amount of water needed in the mix, and leads to a denser and more durable concrete. He shared his experiences in life as a civil engineer. The lecture also covered the challenges and opportunities of GGBS in concrete.

Mr. Shanmukha emphasized the importance of keeping up with the latest marketing trends and technologies and adapting to changing consumer behavior and preferences. The lecture concluded with a Q&A session, where attendees had the opportunity to ask questions and clarify their doubts. The audience was highly engaged, and Mr. Shanmukha provided insightful responses to all the questions.

The guest lecture was informative and engaging. The lecture provided valuable insights and highlighted the importance of GGBS for Strong, Durable, Sustainable & Green Concrete Construction. The lecture was well-received by the attendees, and they are looking forward to more such guest lecturers in the future.

Photos:







A small, rectangular image showing a handwritten signature in blue ink. The signature is cursive and appears to read 'Lalitha'.

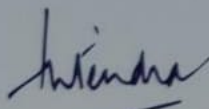
N. LALITHA KUMARI
FACULTY CO ORDINATOR

CERTIFICATE OF PARTICIPATION

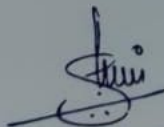
From Ground Granulated Blast Furnace Slag to Construction Chemicals, JSW Cement products are strengthening a sustainable nation by prioritising quality and durability and encouraging future engineers to develop structures with eco-friendly materials.

This is to certify that

Mr/Ms Kotte Mahitha
of BE-414 Civil-A1 CBIT
attended the Student Orientation
Program on **Sustainability** organised by
JSW Cement on GGBS Cement Concrete



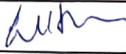


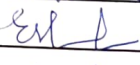
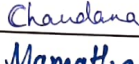
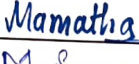
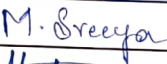

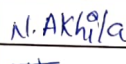
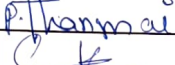

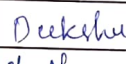
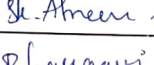
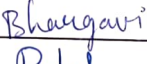

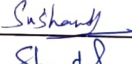


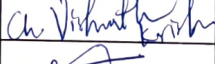
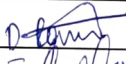


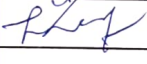

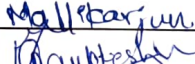
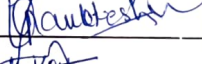

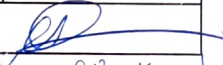

MR. HITENDRA JARIWALA
EXECUTIVE VICE PRESIDENT &
HEAD, DIRECT SALES





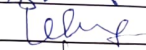

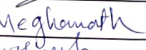
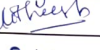

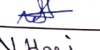
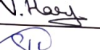

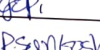
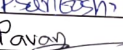
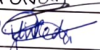
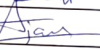
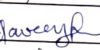
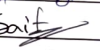



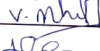

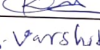
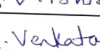
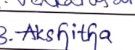
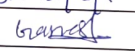
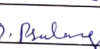
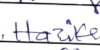
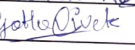
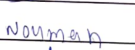
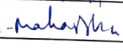



MR. TRIVIKRAM SHENVI
VICE PRESIDENT
DIRECT SALES



B.E. IV-Sem. Civil Engg. A1

S. No	Roll No.	Name of the Student (as per SSC)	Signatuer
1	160121732001	A.Lalitha	
2	160121732002	Bachala Pravalika	
3	160121732003	B.Anusha	
4	160121732005	Edara V S S Sahithi	
5	160121732006	irugu Puteena	
6	160121732007	Jatling Esha	
7	160121732008	K. saichandana	
8	160121732009	Mamatha Choudhary	
9	160121732010	Maredvally Sreeya	
10	160121732011	Meghana Manne	
11	160121732012	Muthe sreeja	
12	160121732013	Nenavath Akhila	
13	160121732014	Palli.Thanmai	
14	160121732015	Panditi.Sai Venkata Cherishma	
15	160121732016	R. Asritha	
16	160121732017	Ragam Deekshitha Yadav	
17	160121732018	Shaik Afreen	
18	160121732019	Shetty Bhargavi	
19	160121732020	Abdul Rafah	
20	160121732021	Adigoppula nithish	
21	160121732022	Akkapathri Sushanth paul	
22	160121732023	A Shashikanth Goud	
23	160121732024	Bhukya Sharath	
24	160121732025	Challuri Prem Kumar	
25	160121732026	CH. Vishruth Krishna	
26	160121732027	Devasani.Ramcharan	
27	160121732028	Erla Shanthi Kumar	
28	160121732029	Gandham sunil	
29	160121732031	G. Anurag	
30	160121732032	K.Nitish	
31	160121732033	Karthik kasturi	
32	160121732034	K.Mallikarjun	
33	160121732035	Muktesh kondoju	
34	160121732036	K. Sri Harshith Reddy	
35	160121732037	Lakkireddy GunacharanReddy	
36	160121732038	GATAA VIVEK	

B.E. IV-Sem. Civil Engg. A1

S. No	Roll No.	Name of the Student (as per SSC)	Signatuer
36	160121732038	M.Srinivas	
37	160121732039	Maggidi Sravan Kumar	
38	160121732040	Maloth Udaykumar	
39	160121732043	Mohammad Saifuddin	
40	160121732045	Mudavath Meghanath	
41	160121732046	N.Litheesh Reddy	
42	160121732047	Nadimpalli Subhavan Varma	
43	160121732048	Nadimpalli Saikumar	
44	160121732049	Nattuva Hari Raghavendra Prasad	
45	160121732050	O. Saikumar	
46	160121732051	gopichand	
47	160121732052	Pallerla.D.M.Santosh Reddy	
48	160121732054	p. pavan	
49	160121732055	P.Vivek Reddy	
50	160121732056	S.Ajay Reddy	
51	160121732057	Sabavath Naveenkumar	
52	160121732058	Shaik Abdul Saifullah	
53	160121732059	Abdul Rahman	
54	160121732060	Sheri Tejeshwar Reddy	
55	160121732061	S.Ashrith Raj	
56	160121732062	vakudoth mahesh nayak	
57	160121732063	V.Abhiram	
58	160121732064	Y.Krishna teja	
59	160121732301	Kandala Varshith	
60	160121732303	Irukulla venkatasai	
61	160121732304	Bellam Akshitha	
62	160121732305	Emula ganesh	
63	160121732306	Manda Pralaya	
64	160121732314	Gonela Harikrishna	
65	160121732030	Gatla Vivek	
66	160121732044	Mohammed Nouman	
67	160121732302	M. Maharshi	
68	160121732017	R.Deekshitha Yadav	
69	160121732041	M. Sai Pranay	

B.E. IV-Sem. Civil Engg. A2

04-04-2023

S. No	ROLL NUMBER	NAME OF THE STUDENT	Signature
1	160121732084	Sheri Gowthami	
2	160121732071	Azmeera Pavani	A. Pavani
3	160121732072	Chidruppa vishwa	vishwa
4	160121732073	Sreeja ch	Sreeja.ch
5	160121732074	Getty Venkata Nanditha Rao	Getty
6	160121732075	Gudibandla sunaina	Gudibandla
7	160121732076	Sonal	Sonal
8	160121732077	Usha Guguloth	Usha
9	160121732078	Niharika kamisetty	Niharika
10	160121732079	Prathyusha.k	Prathyusha.k
11	160121732080	P.Kusumitha	P. Kusumitha
12	160121732081	P.Manvitha	P.Manvitha
13	160121732082	Salendar Sneha	S. Sneha
14	160121732083	Sheri gayathri	Gayathri
15	160121732085	Sree satya naga Anjani.Vatti	Sree satya naga Anjani.Vatti
16	160121732086	Vujjini Reethu	Reethu
17	160121732087	Subhushan	Subhushan
18	160121732089	B aryan reddy	Aryanreddy
19	160121732090	Bandari Sai Teja	Bandari Sai Teja
20	160121732091	Begari Prashanth	Prashanth
21	160121732092	Bhukya Aakash Naik	Aakash
22	160121732093	D.Aryan	
23	160121732094	Devarakonda Saketh	Saketh
24	160121732095	Jashwanth D	Jashwanth D
25	160121732096	D.vikram reddy	D.vikram Reddy
26	160121732097	Saketh Dubala	Saketh Dubala
27	160121732098	G Nitesh	Nitesh
28	160121732099	G sai Kiran Reddy	Sai Kiran Reddy
29	160121732100	G Harsha Sri Yogendra Kumar	G.H.Sri Kumar
30	160121732101	Gugloth Jeevan	Jeevan
31	160121732102	Govardhan Datta	Govardhan Datta
32	160121732103	Jujjavarapu saketh	Jujjavarapu saketh

160121732105 Sai theja . k

Sai theja

33	160121732104	Kallu Krishnarjun Reddy	Arjun ✓
34	160121732106	Abhiram	Abhi
35	160121732107	K.Sai kiran	Sai
36	160121732109	Kontham manikanta	Mani
37	160121732111	M Shankar Varun	Shankar Varun
38	160121732112	Macherla Vaishnav Ganesh	Vaishnav
39	160121732113	Madu Shri Mokshagna Goud	MS
40	160121732114	Mallegari Shanmukh Reddy	Shanmukh
41	160121732115	M rohith krishna	Rohith
42	160121732116	M sai snohith sagar	Sai Snohith
43	160121732117	Rohith	N.Rohith.
44	160121732118	P S Anush Reddy	Anush
45	160121732119	P Uday Kiran	Uday Kiran
46	160121732120	P.Vinay Kumar	Vinay
47	160121732121	P jagadeesh	Jagadeesh
48	160121732123	Penta Rohith	Rohith
49	160121732125	R. Pradeep kumar	Pradeep
50	160121732126	Lokesh rao	Lokesh
51	160121732127	SD ASIF	Asif
52	160121732128	Shaik afroz	Afroz
53	160121732129	Thonti Rayudu	Rayudu
54	160121732130	Thota Laleeth shiva kumar	Thota Laleeth
55	160121732131	Udutha Vishnu Vardhan	Vishnu
56	160121732132	Yele Lakshmi narasimha	Lakshmi
57	160121732133	Rishit Rao	
58	160121732307	Madipally Mallikarjun	M.Mallikarjun.
59	160121732308	Puppala Swetha	P. Swetha
60	160121732309	Boini Thirupathi	B. Thirupathi
61	160121732310	Gadapa Madhu	G. Madhu
62	160121732311	Banothu Nikhil	B. Nikhil
63	160121732312	Banoth priyanka	Priyanka
64	160121732313	Sk. Sana Taslim	SK. Sana Taslim
65	160121732315	Sana Firdaus	Sana Firdaus

160121732108

K. Rahul
K. Raj

160121732110



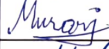




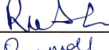


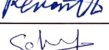


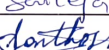


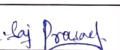



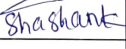
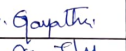
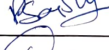







Manideep Reddy
Manideep

160121732122

P. Akash
Akash

CED - VI Sem A1

DT: 4-4-2024

S. No	Roll No.	Name of the Student (as per SSC)	Signature
29	160120732038	Manohar K	
30	160120732039	Adla Manoj reddy	
31	160120732041	Murari Suriti	
32	160120732042	Nikhil Naidu KN	
33	160120732043	NITHISH BOIDI	
34	160120732044	Phani Sai Anaveni	
35	160120732045	Somisetty Rajith	
36	160120732046	Gajjala Rakshith Reddy	
37	160120732047	B.Ramakrishna	
38	160120732048	Ravi Kollu	
39	160120732049	Revanth Thaneeru	
40	160120732050	Sahith Reddy Thummala	
41	160120732051	Saikiran Kanugula	
42	160120732052	Pandiri Sai Teja	
43	160120732053	Meesala Santhosh	
44	160120732058	Talla Viswanth Reddy	
45	160120732301	Sai Preetham Pochampally	
46	160120732302	Kundeti Sai Prasad	
47	160120732303	Gorre Shiva	
48	160120732304	Vemula Pranay	
49	160120732305	Singathi Sai Samyuktha	
50	160120732306	Thupari Shashank	
51	160120732313	Vaddamani Gayathri	
52	160120732314	Ramagiri Sai Shashank	
53	160120732315	Vadithya Sainath	
54	160120732056	Sandeep Reddy	
55	160120732034	Hari Krishna N	
56	160120732028	G. Balasubramanyam	
57	160120731858	A. Vivek	
7	160120732007	Madhumitha	

CED - VI Sem A1

DT: 4-4-2024

S. No	Roll No.	Name of the Student (as per SSC)	Signature
1	160120732002	Gangarapu Anjali	Anjali
2	160120732003	Anusha keesara	Anusha
3	160120732004	Anushka reddy	Anushka
4	160120732005	Charmila vantepaka	Charmila
5	160120732006	Lohitha Rathlavath	Lohitha
6	160120732008	Poojiitha Goud	Poojiitha
7	160120732009	Poladi Poojiitha	Poojiitha
8	160120732010	Praneetha Thirumani	Praneetha
9	160120732011	M.Rani	M.Rani
10	160120732012	Renuka Amrutham	Renuka
11	160120732013	Renusri Orsu	Renusri
12	160120732014	Shivakeerthana	Shivakeerthana
13	160120732015	Shravya uppu	Shravya
14	160120732016	Ch.Snigdha	Snigdha
15	160120732018	Srivarsha vuda	Varsha
16	160120732019	Sucharitha Chalamalla	Sucharitha
17	160120732020	G Supriya	Supriya
18	160120732021	Swapnika Dharavath	Swapnika
19	160120732022	Tharani Reddy	Tharani
20	160120732023	Thriveni kommula	Thriveni
21	160120732024	Abdullah Mohammad	Abdullah
22	160120732027	Akash Kadari	Akash
23	160120732029	Bharadwaj Kappala	Bharadwaj
24	160120732030	Chandra Vikas Thipirishetty	Chandra
25	160120732031	Chenna Reddy	Chenna
26	160120732032	Chethanya Vara Prasad	Chethanya
27	160120732033	Alladi Dinesh	Dinesh
28	160120732037	Ravuri Kasi Ranga Snehith Setty	Snehith

CED - VI Sem A2

DT: 4-4-2023

S. No	Roll No.	Name of the Student (as per SSC)	Signature
1	160120732061	Oggu Akshitha Priya	O. Akshitha Priya
2	160120732062	Rayapuri Amulya	Amulya
3	160120732063	Nalamati Anushka	Anushka
4	160120732064	T Haripriya	Hp
5	160120732065	Khushi Gangji	Khushi
6	160120732067	Aluvala Radhika	A. P. Radhika
7	160120732068	Vadde Rekha	Rekha
8	160120732069	Samra Sadiq	Samra
9	160120732070	Puchala Sri Harshitha Reddy	Sri Harshitha
10	160120732071	Madunala Srilatha	Srilatha
11	160120732072	Jajam Sruthi	J. Sruthi
12	160120732073	Kanike Tejashwini	K. Tejashwini
13	160120732074	Kalakuntala Vaishnavi	Vaishnavi
14	160120732076	Avaji Akash	Akash
15	160120732077	Shaik Baji Saidavali	Baji
16	160120732078	Munnangi Bharath Reddy	Bharath
17	160120732079	P Chandu Prakash Raj	Chandu
18	160120732080	Shivarathri Charan Kumar	S. Charan
19	160120732081	Dhanush Cheguri	Dhanush
20	160120732082	Chintala Guruvendra Sagar	Guruvendra
21	160120732083	Arpula Isaacnewton	Arpula
22	160120732084	Andra Jayanth	Jayanth
23	160120732085	Tipparthi Koushik	Koushik
24	160120732086	Gandamalla Mahesh	Mahesh
25	160120732087	Ambati Manoj	Manoj
26	160120732088	Guguloth Naveen	Naveen
27	160120732089	Boddupally Nikhil	Nikhil
28	160120732090	Thandra Pratheek Reddy	Pratheek
29	160120732091	Banoth Ranjith Kumar	Ranjith
30	160120732092	Jupaka Ravi Varma	Ravi Varma
31	160120732093	Sai Kishore Vardhan M	Sai Kishore
32	160120732094	Patlola Sai Pranay Reddy	Sai Pranay

CED - VI Sem A2

DT: 4-4-2023

S. No	Roll No.	Name of the Student (as per SSC)	Signature
33	160120732096	Sanaka Sai Srikar	Srikar
34	160120732097	Mannemoni Sai Teja Yadav	Saitoja
35	160120732098	Akuri Sakesh Reddy	A Sakesh
36	160120732100	M Saneeth	Saneeth
37	160120732101	Bhupelli Sanjeev	Sanjeev
38	160120732102	Siripuram Shiva Deckshith	Shiva
39	160120732103	Mudipalli Shiva	Shiva
40	160120732104	Malipeddi Shiva Shanker	Shiva
41	160120732105	Shrujan Chada	Shrujan
42	160120732107	Palika Srinadh	Srinadh
43	160120732108	Gangili Jatin Suhas Yadav	Suhas
44	160120732109	Dulam Sujith Reddy	Sujith
45	160120732110	Komuravelli Sumith	Sumith
46	160120732111	Mohd Tabrez	Tabrez
47	160120732112	Velagala V S Sairakesh Reddy	Sai Sakesh
48	160120732113	Venkat Rama Raju V	Venkat
49	160120732114	Gokari Vinay Kumar	Vinay
50	160120732115	Vishwajith Reddy Kunchala	Vishwajith
51	160120732116	Gugulothu Yakub	Yakub
52	160120732117	Nerella Yathin Sai Goud	Yathin
53	160120732122	Rishita Sharma	Rishita
54	160120732307	C Bhaskar Sagar	C Bhaskar
55	160120732308	Konda Niharika	Niharika
56	160120732309	Thummanapelly Abhinav	Abhinav
57	160120732310	Ravula Ashritha Naidu	Ashritha
58	160120732311	Animalla Charan Teja	Charan
59	160120732312	Jhadi Bikshapathi	Bikshu
60	160120732316	Dukanam Manjunath	Manjunath
61	160120732317	Buppergudem Poorna Goud	Poorna

B.E. VIII. Sem Civil Engg. A1

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S. No	Roll No. No.	Name of the Student (as per SSC)	Signatuer
1	1601-19-732-732001	Aishwarya Choudary	<i>Aishwarya</i>
2	1601-19-732-19732002	Akhila Srigadde	<i>Akhila</i>
3	1601-19-732-19732003	Anusha Rachapaka	<i>R.A.S</i>
4	1601-19-732-160119732004	Charvi Panyala	
5	1601-19-732-160119732005	Chihmitha Kontemukkula	<i>Chihmitha</i>
6	1601-19-732-160119732006	Harika Mokka	<i>Harika</i>
7	160119732007	K Rama Srikari Bhandaram	<i>B. Srikari</i>
8	160119732008	Khyathi Vardhini Vangala	
9	160119732009	Likhita Yandava	<i>Likhita</i>
10	160119732010	Maheen Sadiq	<i>Maheen</i>
11	160119732011	Mahima Dasary	<i>Mahima</i>
12	160119732012	Mahitha Kotte	<i>Mahitha</i>
13	160119732013	Nikitha Godisela	<i>Nikitha</i>
14	160119732014	Nikitha Karnam	<i>Nikitha</i>
15	160119732015	Pragna Kasarla	<i>Pragna</i>
16	160119732016	Pravalika Baddam	<i>B. Pravalika</i>
17	160119732017	Ramya Bandi	<i>B. Ramya</i>
18	160119732018	Sanyukta Chenna	<i>Sanyukta</i>
19	160119732019	Shivani Mamidi	<i>Shivani</i>
20	160119732020	Sravya Suthari	
21	160119732021	Vandana S Vadithya	<i>Vandana</i>
22	160119732022	Aditya Yanamandra	<i>Aditya</i>
23	160119732023	Akhil Rajesh Goud Pachimatla	<i>P.A.S</i>
24	160119732024	Anil Yadav G	<i>G. A</i>
25	160119732025	Bobbyrohan Dasari	
26	160119732026	Dinesh Modem	<i>M.D.S</i>
27	160119732027	Drovan Reddy Obiligovendhugari	
28	160119732028	Harshavardhan Dongala	<i>H.D.</i>
29	160119732029	Harshith Reddy Dawalgari	
30	160119732030	Laxmi Tarun Padugupadu	<i>Laxmi</i>
31	160119732031	Manoj Rami Reddy Pallavali	<i>Manoj</i>
32	160119732032	Meghanath Annapuri	<i>Meghanath</i>
33	160119732033	Naveen Kumar K	<i>Naveen</i>
34	160119732034	Nikhil Patha	
35	160119732035	Nithin Varma Poshala	<i>Nithin</i>
36	160119732036	Pavan Kalyan Reddy Eruvuri	<i>P.K.R</i>

B.E. VIII. Sem Civil Engg. A1

04-04-2023

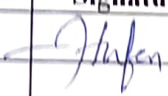
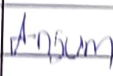


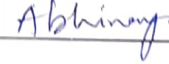
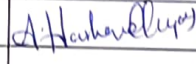
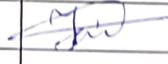
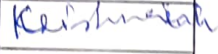
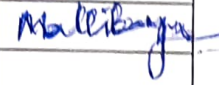
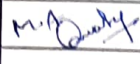
4-2023

Signature

S. No	Roll No.	Name of the Student (as per SSC)	Signature
37	160119732037	Rahul Gundoju	
38	160119732038	Rajeev Reddy P	Rajeev
39	160119732039	Rajesh Katta	Rajesh
40	160119732040	Rakesh Bolle	Rakesh
41	160119732041	Rohan Gogikari	Rohan
42	160119732042	Rohan Vivek Atmakuru	Rohanvivek
43	160119732043	Roshan Bajjuri	
44	160119732044	Sachin Mudigonda	Sachin
45	160119732045	Sai Charan Nagaram	Sai Charan
46	160119732047	Sai Darshan Medisetty	MSD
47	160119732048	Sai Kamal Arukala	Sai Kamal
48	160119732049	Sai Kiran Naik Amgoth	A. Sai Kiran
49	160119732050	Sai Vamshi Raju Tellapuram	
50	160119732051	Sai Vamsi Vinukonda	V. Sai V.
51	160119732052	Sree Harsha Ghandikota	
52	160119732053	Sri Manjunatha Vaddepally	Sri Manjunatha
53	160119732054	Suhas Dasari	
54	160119732055	Umakanth Deshmukh	Umakanth
55	160119732056	Vamshi Amgoth	Vamshi
56	160119732057	Venkat Saketh Appaji	Venkat Saketh
57	160119732058	Venkata Vignan Domala	Vignan
58	160119732059	Vijay Kumar Voddepally	Vijay Kumar
59	160119732060	Vinay Muniganti	Vinay
60	160119732301	Gundeboina Tulasi	Tulasi
61	160119732302	K Manipal	Manipal
62	160119732303	Palla Divya	Divya
63	160119732304	Vasala Nithya	V. Nithya
64	160119732305	Shaik Ibrahim	SK Ibrahim
65	160119732306	Buthapally Nandini	B. Nandini
66	160118732023	Md Ahtisham Adil	Adil
67	160118732039	Voleti Rishikesh	Rishikesh
68	160118732047	K Sita Ram Reddy	Sita Ram
69	160118732048	Depa Srishanth Reddy	Srishanth
70	160117732009	Praneetha Mudiraj	Praneetha
71	160115732039	Moosa Mohammed	Moosa

B.E. VIII. Sem Civil Engg. A2

04-04-2023

S. No	Roll No.	Name of the Student (as per SSC)	Signature
1	1601-19-732-061	Atula Tanyeem	
2	1601-19-732-062	Devi Chandishwari Muslapuram	
3	1601-19-732-063	Eshrath Anjum	
4	1601-19-732-064	Manaswini Asa	
5	1601-19-732-065	Poojitha Chippalapelly	
6	1601-19-732-066	Prasanna Muthineni	
7	1601-19-732-067	Prathyusha Saidu	
8	1601-19-732-068	Rishitha Kommidi	
9	1601-19-732-069	Sai Keertana K	
10	1601-19-732-070	Sowmya Gundukadi	
11	1601-19-732-071	Sowmya Lalagari	
12	1601-19-732-072	Sri Harini Reddy Chiluka	
13	1601-19-732-073	Swetha Kesavarapu	
14	1601-19-732-074	Swetha Thumma	
15	1601-19-732-075	Vaishnavi Devi Patnam	
16	1601-19-732-076	Abhilash Challa	
17	1601-19-732-077	Abhinay Bhonagani	
18	1601-19-732-078	Abhishek Yadav Badri	
19	1601-19-732-079	Anjaneya Varma Kanumuri	
20	1601-19-732-080	Ashir Joshua Ta	
21	1601-19-732-081	Charan Naik Banoth	
22	1601-19-732-082	Chirag D Nankani	
23	1601-19-732-083	Dhanush Puli	
24	1601-19-732-084	Harsha Vardhan Vyas Ambati	
25	1601-19-732-085	Hrushikesh Reddy G	
26	1601-19-732-086	Jaivanth Kumar G	
27	1601-19-732-087	Jayadeep Bathini	
28	1601-19-732-088	Koushik Karra	
29	1601-19-732-089	Krishnaiah Dongala	
30	1601-19-732-090	Lokesh Kumar Gunti	
31	1601-19-732-091	Lukesh Gampa	
32	1601-19-732-092	Mallikarjun Osa	
33	1601-19-732-093	Manish Kumar	
34	1601-19-732-094	Manoj Kumar Ambati	
35	1601-19-732-095	Mohammed Abdul Quadar	
36	1601-19-732-096	Mohammed Ajmal Ali	

B.E. VIII. Sem Civil Engg. A2

04-04-2023

S. No	Roll No.	Name of the Student (as per SSC)	Signature
37	1601-19-732-097	Mohammed Fasi Ahmed	
38	1601-19-732-098	Naveen Naidu Alla	
39	1601-19-732-099	Nikhil Kumar K	
40	1601-19-732-100	Nithinreddy Bogireddy	
41	1601-19-732-101	Prashanth Kumar Reddy Anantha	
42	1601-19-732-102	Praveen Kumar Sandypogu	<i>S. Praveen</i>
43	1601-19-732-103	Rahul Karan K R	
44	1601-19-732-104	Rakesh Peddina	
45	1601-19-732-105	Ravi Mallevoina	<i>Ravi</i>
46	1601-19-732-106	Rohith Aleti	
47	1601-19-732-107	Saathvik Cheripalli	
48	1601-19-732-108	Sai Kumar Siramaina	
49	1601-19-732-109	Sai Vinay Boga	
50	1601-19-732-110	Pashya Sathwik Reddy	
51	1601-19-732-111	Shiva Narayana Kondamedi	<i>Shiva</i>
52	1601-19-732-112	Sreejan Reddy Kandi	
53	1601-19-732-113	Supreeth Reddy Sampath	
54	1601-19-732-114	Swamy Narapaka	<i>Swamy</i>
55	1601-19-732-115	Uday Kiran Reddy Patnam	
56	1601-19-732-116	Udhay Goud D	
57	1601-19-732-117	Uttam Sai Nakkala	
58	1601-19-732-118	Venkata Kowkuntla Akshath Thirupathi	
59	1601-19-732-119	Venkatesh Maryada	
60	1601-19-732-120	Yuvaraja Yalamanchili	
61	1601-19-732-307	Voodari Sathwika	
62	1601-19-732-308	Mudam Srikanth	
63	1601-19-732-309	Govindu Shivani	
64	1601-19-732-310	Lonka Shirisha	
65	1601-19-732-311	P Anvesh	
66	1601-19-732-312	Chinthapalli Manasa	
67	1601-18-732-079	Voleti Deepak	
68	1601-18-732-105	M Shyamal Kumar	
69	1601-18-732-107	Somadatta Varma Kosuri	
70	1601-18-732-111	Y Vamshidhar Reddy	
71	1601-17-732-121	Asmatullah	



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44
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No.843/CBIT/AEC/IC/2023

Dt. 25.05.2023

CIRCULAR

Virtual Alumni talk is scheduled for IV Semester UG students of IT on 27-05-2023 from 02.00 to 03.00pm

Ms. SLS.Harshitha, Software Engineer, JP Morgan Chase & Co, Alumnus of CBIT 2022 Batch of IT will deliver talk on "RPA & UiPath Tool"

The Speaker Session will focus on

- Robotic Process Automation.
- UiPath Tool.
- Industry Trends.

Date: 27th May 2023

Event Timings: 02PM to 03PM - Speaker Session

The Speaker Session is open to students of 4th semester CSE, IT and Allied Branches. All the Staff are invited to attend the Speaker Session. For any further clarifications in this regard, contact Ms.K.Swathi, Alumni Co-ordinator, Mobile number -9491388749.

Webex link: <https://cbitindia.webex.com/join?MTID=704125359d74d7263913ee969e2984>



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To

All Heads of the Departments/Sections/FPC Coordinators for information and with a request to arrange for circulation among their students.

CC: The I/Cs - General and Electrical Maintenance to make necessary arrangements

CC: To all Advisors, Directors, Joint Directors, COE, Head HR and PRO for information and n/a.



Head Dept. of IT
CBIT, Hyderabad

Chaitanya Bharathi Institute of Technology (CBIT) (A)

Department of Information Technology Alumni Talk

Brief report

Event Date: 27th May 2023

Organized by: Department of Information Technology, CBIT (A)

Coordinator: Ms. K. Swathi, Assistant Professor, Department of Information Technology

Mode: Virtual (Webex)

Resource Person: Ms. SLS Harshitha, Software Engineer, JP Morgan Chase & Co., Alumnus of CBIT, 2022 Batch

Topic: RPA&UiPath Tool.

Overview

The Department of Information Technology at CBIT(A) took a significant step towards integrating current technological advancements into its curriculum by organizing an Alumni Talk focused on Robotic Process Automation (RPA), a burgeoning field in the tech industry. Held on 27th May 2023, the session was conducted in a virtual setting via Webex, making it accessible to a broad audience of IV-Semester students.

Key Highlights

Robotic Process Automation Insights: Ms. SLS Harshitha led the session with an emphasis on RPA, a technology that automates mundane and repetitive tasks, thus enhancing productivity and efficiency within businesses. Her discussion revolved around the core principles of RPA, its applications, and the transformative potential it holds for various industries.

UiPath Tool Exploration: A significant portion of the talk was dedicated to exploring UiPath, one of the leading tools in the RPA market. Ms. Harshitha elucidated its functionalities, user interface, and how it's being leveraged by businesses to automate processes seamlessly.

Industry Trends: Keeping the session aligned with real-world applications, the resource person shared insights into current trends in the RPA domain, highlighting how industries are adopting automation to streamline operations and reduce human error.

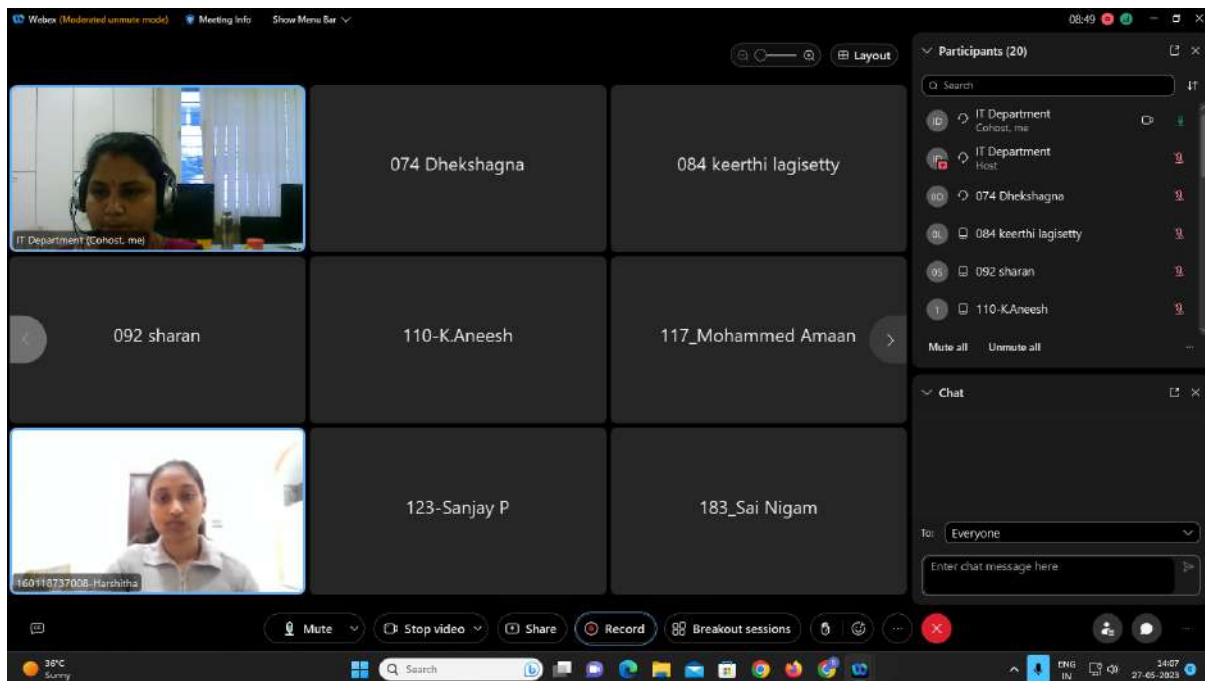
Interactive Session with Industry Experience Sharing: The session was markedly interactive, with Ms. Harshitha encouraging questions and discussions, thereby fostering an engaging learning environment. She shared her experiences working in the field, offering students a glimpse into the practical challenges and opportunities that professionals encounter in RPA implementation.

Virtual Platform Utilization: Organized by Ms. K. Swathi and conducted on the Webex platform, the event ensured wide participation without the constraints of physical boundaries. The session link provided was

<https://cbithyd.webex.com/cbithyd/j.php?MTID=m928f9f295297c2e94c1725580fce>, facilitating easy access for all attendees.

Conclusion

The Alumni Talk on RPA, spearheaded by Ms. SLS Harishtha, served as a valuable platform for students to understand and appreciate the nuances of robotic process automation and its impact across industries. Through this initiative, the Department of Information Technology at CBIT(A) not only enriched its academic offerings but also ensured that students are well-versed with the latest technological trends and tools, equipping them with the knowledge and skills required to thrive in the evolving tech landscape.



Webex (Moderated unmuting mode) Meeting Info Show Menu Bar

IT Department Cohost, me 074 Dhekhagna 082 K.Srreysri 084 keerthi lagisetty 092 sharan

Viewing 160118737008-Harshitha's ap... 59%

RPA

ROBOTIC PROCESS AUTOMATION

Participants (21)

- IT Department Cohost, me
- IT Department Host
- 160118737008-Harshitha
- 074 Dhekhagna
- 082 K.Srreysri
- 084 keerthi lagisetty
- 092 sharan
- 110-KAnesh
- 117_Mohammed Amaan
- 123-Sanjay P
- 307_Mithra

Unmute Start video Share Record Breakout sessions

38°C Sunny 12:13 27-05-2023

Webex (Moderated unmuting mode) Meeting Info Show Menu Bar

IT Department Cohost, me 074 Dhekhagna 072 Vishwade Reddy 073 Ch.Rashmika 076 Varsha

Viewing 160118737008-Harshitha's ap... 58%

UiPath Studio - Main Sequence - open Browser

- Use Browser Chrome: Google
- Browser URL: "www.google.com"
- Type Into: TEXTAREA AP7jap

Participants (18)

- IT Department Cohost, me
- IT Department Host
- 160118737008-Harshitha
- 072 Vishwade Reddy
- 073 Ch.Rashmika
- 074 Dhekhagna
- 076-Varsha
- 084 keerthi lagisetty
- 092 sharan
- 101 - B. Sujith Kumar
- 102_Venkat Vardhan

Unmute Start video Share Record Breakout sessions

38°C Mostly sunny 5:10 27-05-2023



Jani Reddy

Head Dept. of IT
CBIT, Hyderabad



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SUDHEE-2023

DEPARTMENT OF CHEMICAL ENGINEERING

CHEMSPARK-2K23

Department of Chemical Engineering at CBIT organized the department annual technical symposium, CHEMSPARK - 2k23 under SUDHEE-2023. In-line with the theme of Sudhee-2023 'Nurture Natural Technologies', CHEMSPARK - 2k23 theme was designed as 'Sustainable Technologies in Process Industries' (STP), with a caption "Ignite the Spark in 'U'". It has a vision to motivate young engineers to improve their scientific knowledge in innovations and research options in the field and related disciplines towards sustainable technologies. The technical symposium organizes oral and poster presentations, idea presentations, technical quiz and many more events on recent trends. It offers the participants all the required opportunities to share knowledge, experiences, exchange of ideas and also showcase their work in front of eminent experts of their field. The event will give an opportunity for the participants to share their ideas but also come across latest developments in the chemical engineering field by invited speakers from academics. The student and the faculty of the department collectively worked for the success of the event and its expected outcome.

The poster for CHEMSPARK - 2K23 features the following content:

- Header:** CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) logo and name, address, website, and accreditation logos (NBA, NAAC, NIRF, ISO).
- Theme:** SUDHEE-2023 Nurture Natural Technologies, Department of Chemical Engineering Presents.
- Event Title:** CHEMSPARK - 2K23, Sustainable Technologies in Process Industries (STP).
- Dates:** 31 Jan - 1 Feb.
- Events:** Chemकृति (Hybrid Mode), Pradarshan, Chem-o-brainiac, Hear-Here, In-quiz'itive, Chemixir, Chemstat, Reflux.
- Registration:** Register @ linktree.chemspark2k23, QR code.
- Social Media:** @CbitChemical, @chemicalcbit, Chemical Cbit.
- Contact:** Krishna Chaitanya-8074715512, Aravind-9398516540, Chendana-85004 62539.
- Organizers:** Chairperson: Dr.P.V Naga Prapurna, Convener: Dr. M. Mukunda Vani, Coordinator: Dr. R. Prasanna Rani.

Chemspark-2k23 Poster



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Keynote Session - Inaugural and Keynote talk

The inaugural session of the Chemsark-2k23 was held on 31st Jan 2023 at 11.15 am – 12.30 pm in the Placement seminar hall. The program started with the opening remarks by the Convener, Chemsark-2k23, Dr. M. Mukunda Vani followed by the address by HoD, the student Coordinators and Dr. NLN Reddy. Sri Mikkilineni Akkaiah Choudary, Retd. General Manager, Indian Oil Corporation Limited Refineries Division, was the chief guest and the keynote speaker. He was a Post Graduate from Osmania University and he served 35 years in IOCL in various capacities and retired as General Manager from the company.

The title of keynote talk was “Overview of Energy Scenario & Sustainable development measures in Process Industries”. The history of human evolution rests on the availability and use of energy. From the transformation from the early use of fire and animal power that improved lives, to the present world with use of electricity and cleaner sustainable fuels for a multitude of purposes – energy has been the enabler of development. Energy presents a fundamental need ranging from, but not limited to, the essential services of cooking, heating, cooling, lighting, mobility, and operation of appliances, to information and communications technology, and machines in every sector. The lack of access to reliable and clean energy supplies is now considered as a major barrier to improving human wellbeing around the globe. In his talk, Sri M. Akkaiah Choudary has given an overview of the energy scenario in India and the sustainable development initiatives at refineries. The major initiatives adopted by refineries so far is to improve the quality & efficiency of operations to reduce emissions such as: Implementation of BS-VI fuels across the country, Increased Furnace/Boiler efficiency, Shifting from Fuel Oil, Gas Oil & Naphtha to Natural Gas, Carbon Capture Utilisation & Storage, Use of Renewable Energy etc. As we embark on economical production of use of hydrogen for mobility and other energy needs, future refineries would be more focussed towards enhancing the petrochemicals intensity which would call for significant investments in upgrading the existing the refineries as well as setting up future refineries targeting lower production of transportation fuels and higher conversion to petrochemicals.

The program ended with the closing remarks and vote of thanks by the faculty coordinator, Dr. Prasanna Rani R.



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Group Photo of the inauguration ceremony with the Chief Guest



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A Report on One Week Online Student Workshop on Orientation of Latest Technologies Organized by Department of Information Technology during 29-01-2024 to 03-02-2024

The Department of Information Technology, CBIT organized one-week online student workshop on "Orientation of Latest Technologies" from 29-02-2024 to 03-03-2024. Prof.Rajanikanth Aluvala, HoD, Department IT is the convener of this workshop. The coordinators for this workshop are Dr.N.Sudhakar Yadav, Dr.S. Rakesh and the Co-Coordinator are Dr.K.Sugamya and Mr.U.Sai Ram. 250+ CBIT students registered for this workshop across different departments and all are enthusiastically participated. In this one week, various latest and industry relevant technologies introduced to the students. These are Data Visualization using Power BI, Azure Administrative Fundamentals, and Azure DevOps, the role of Full Stack Developer, AWS Cloud and Data Science in Industry. The students expressed satisfaction over this workshop. They felt, this type of workshops should introduce every year to give orientation of latest technologies and trends and would helpful to know the latest things happening in the industry. Thanks to our HoD, Principal and Management of CBIT for encouraging these types of workshops and events for students growth in the field of IT Sector.

One week online workshop on orientation of latest technologies



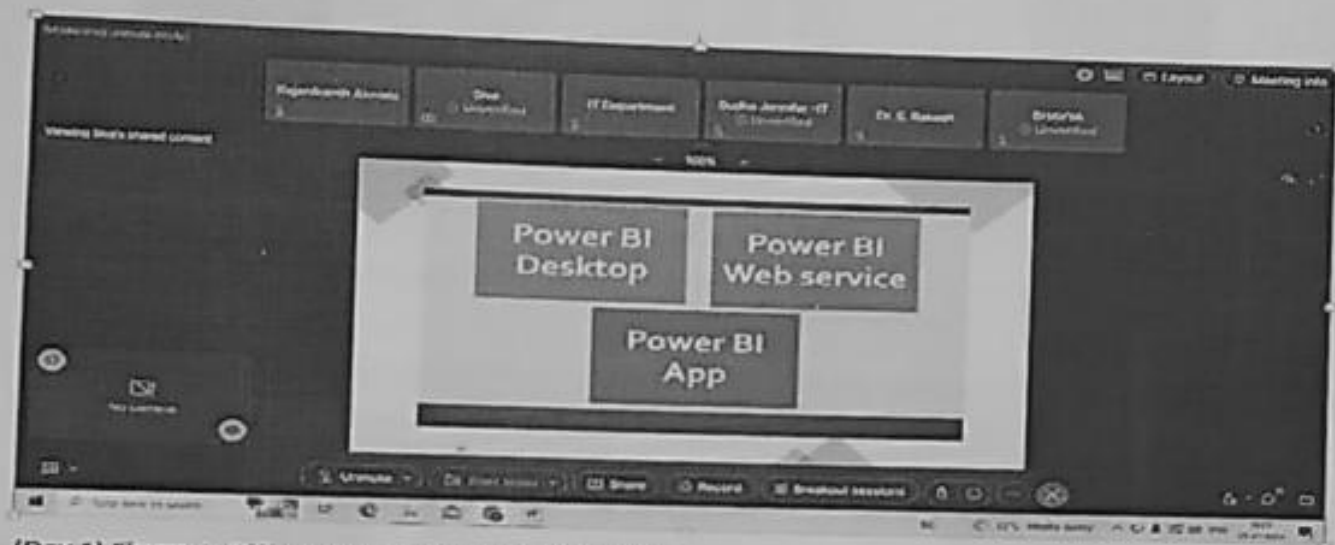
Hyderabad, 29th January, Hyderabad.
The Dept. of Information Technology in the Chaitanya Bharathi Institute of Technology is organizing One week online workshops on orientation of latest technologies from 29th Jan - 03rd Feb 2024 in association with IEEE Robotics and automation society student branch chapter, CBIT and Soft computing research society - CBIT Student chapter and by college principal Prof.C.V.Narasimulu. Today the inauguration session is conducted through online said by convener of this program Prof. Rajanikanth Aluvala, HoD of IT department. The coordinators of this program are Dr. N. Sudhakar Yadav Associate professor, Dept. of IT and Dr. S. Rakesh Assistant professor Dept. of IT and co-coordinators of this program are Dr. K. Sugamya Assistant professor Dept. of IT and Mr U Sai Ram Assistant professor Dept. of IT. In this workshop various topics related to latest technologies like Data visualization using power BI, Azure DevOps, Azure administrator fundamentals, Role of full stack developer, AWS Cloud and data science in industry will be discussed.

Press Report: Brochure release

[Signature]
Department of IT
CBIT, Hyderabad

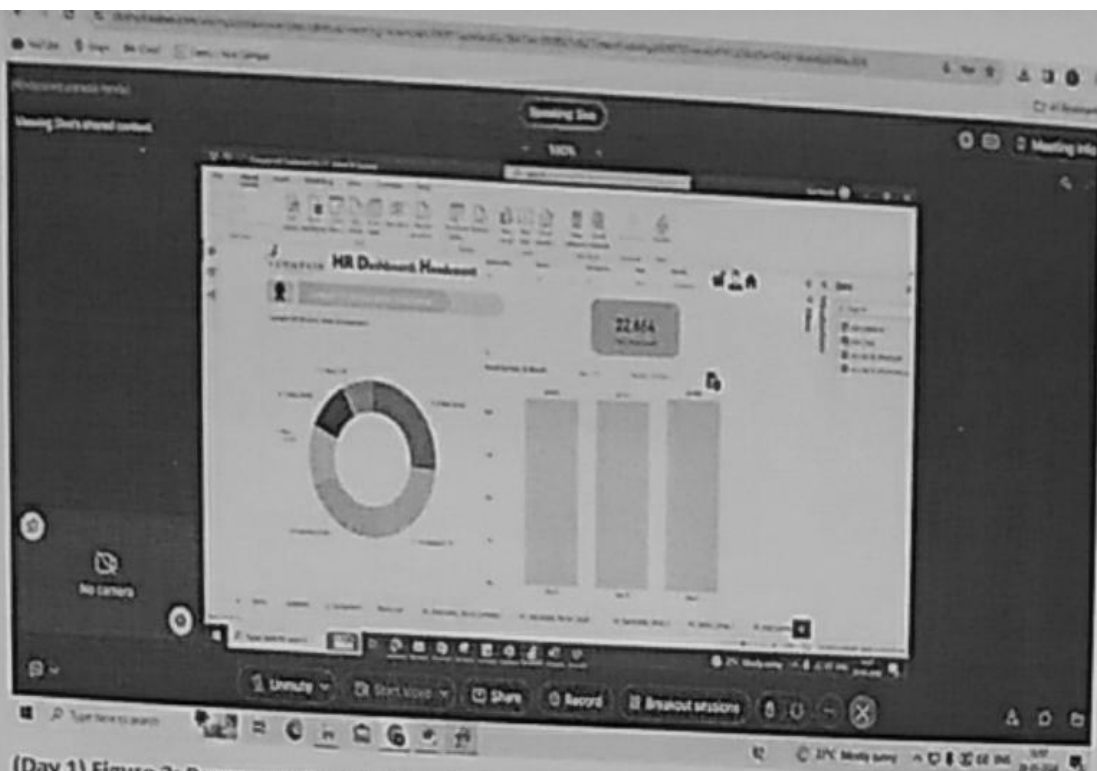
Day 1: The session held on day 1 is "Data Visualization using Power BI" by Siva Manne, BI Module Lead in Yash Technologies Pvt.Ltd. The resource having 10 years of experience in IT industry with vast knowledge on various BI tools like Power BI, Tableau, IBM Cognos, QlikSense. He has delivered the importance of Data Visualization in the software industry and importance of Power BI tool. With help of Power BI tool, he has shown to students about how to create graphs and dashboards. And also he has given insights on HR Analytics use case using Power BI. Finally, students understood the importance of Power BI and how to create the dashboards for the businesses and other organizations to get insights that lead to take wise decisions.

Glimpses of Day 1:

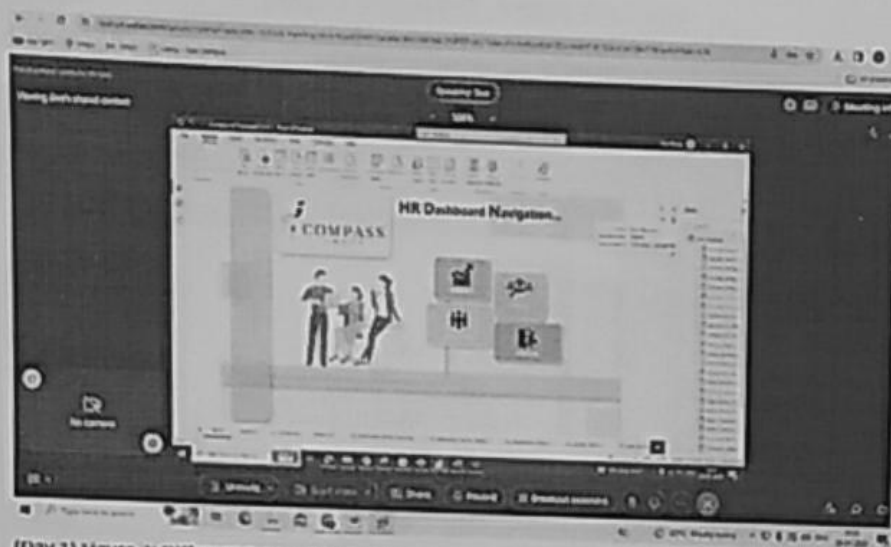


(Day 1) Figure 1: Different types of Power BI Services

Siva Manne
Department of IT
CBIT, Hyderabad



(Day 1) Figure 2: Representation of Data using Bar Charts and Pie Charts



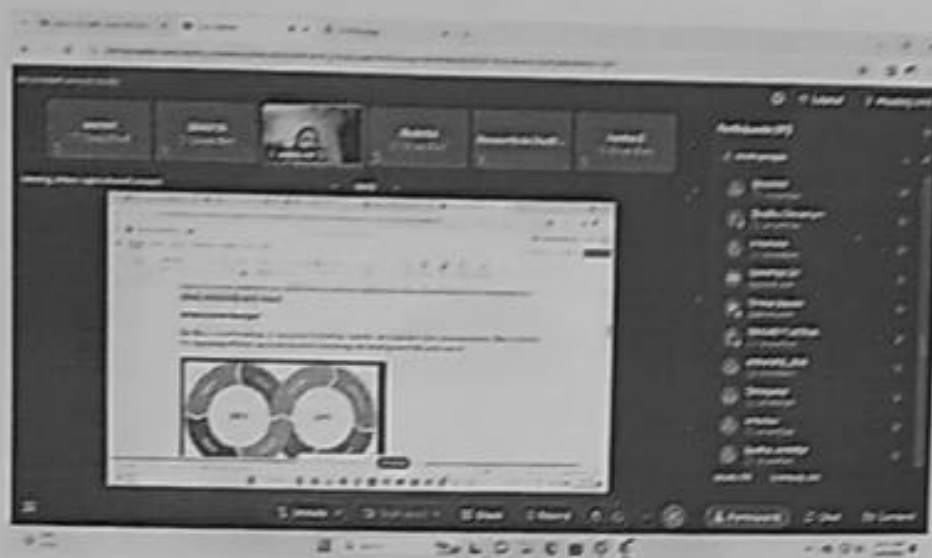
(Day 1) Figure 3: Different types of Power BI Services

Day 2:

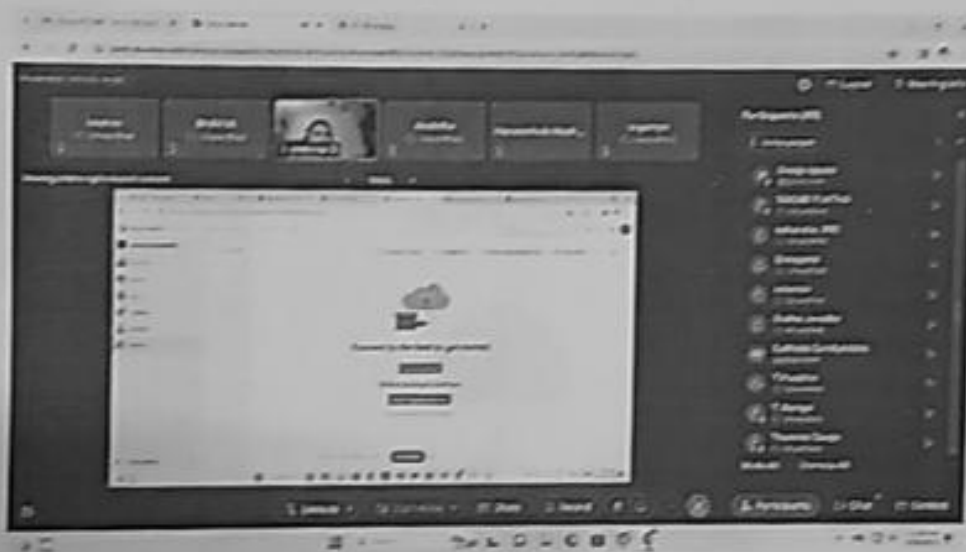
The session started with "Azure DevOps" on Day 2 by Raja Onteru, Senior Associate, Cognizant, Hyderabad. The resource person having 10+ years of experience in IT industry. The resource person has certified in Microsoft Azure Fundamentals and Microsoft Azure Developer Associate. He initially given insights about the need of DevOps. Why DevOps necessary in the industry. And discussed the Azure Cloud concepts. Later on how DevOps used in the Azure Cloud environment. He explained about end-to-end solutions on Azure to implement DevOps practices throughout

application planning, development, delivery, and operations. Apply the right combination of DevOps technologies, culture, and processes to enable continual software delivery and better value for customers.

Glimpses of Day 2:



Day-2 Figure-1 Azure Devops



Day-2 Figure-2 Connect to Cloud

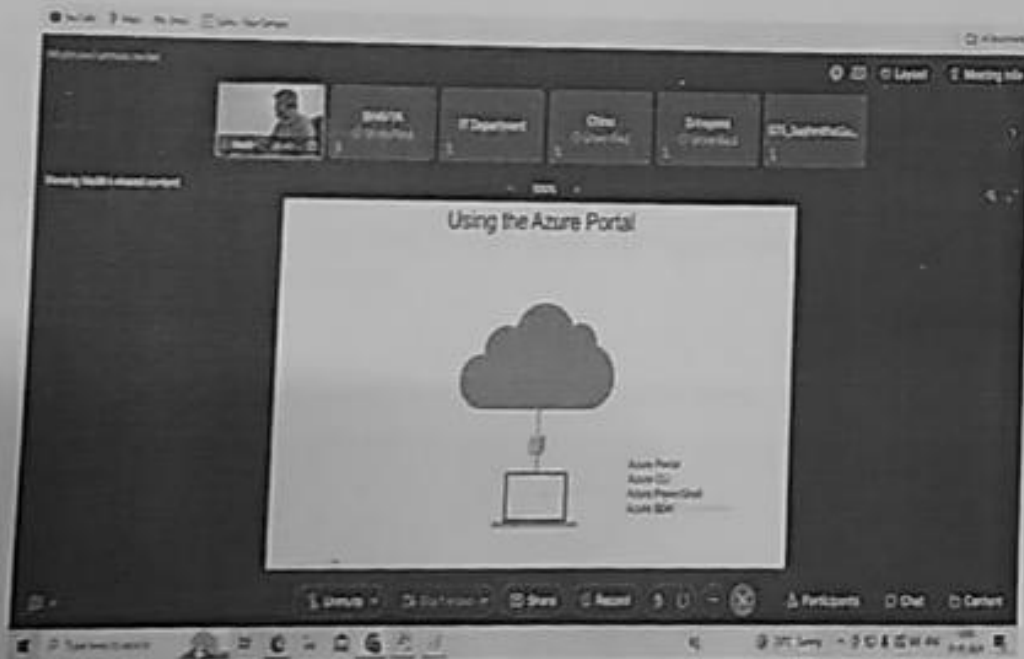
Day 3: The third day session starts with "Azure Administrator fundamentals". Resource person for this session is the Mr. M. Mallikarjuna, Microsoft Corporation, USA. He has 20+ years of vast experience in the field of Big Data Analytics Administration and Azure Administration. He delivered the session on "Azure Administrator fundamentals". Mr.M.Mallikarjuna covered various Azure Cloud concepts like Azure Blob, Azure Files, Azure Virtual Machines, Azure Container Instance, Azure Kubernetes Service etc. He has shared the real time things happened in the software company related to Azure Administration. And also, he stressed the importance of

learning basics, understood the importance of domain knowledge and technical skills. Finally, he shared his experience and insights in the field of Azure Administration.

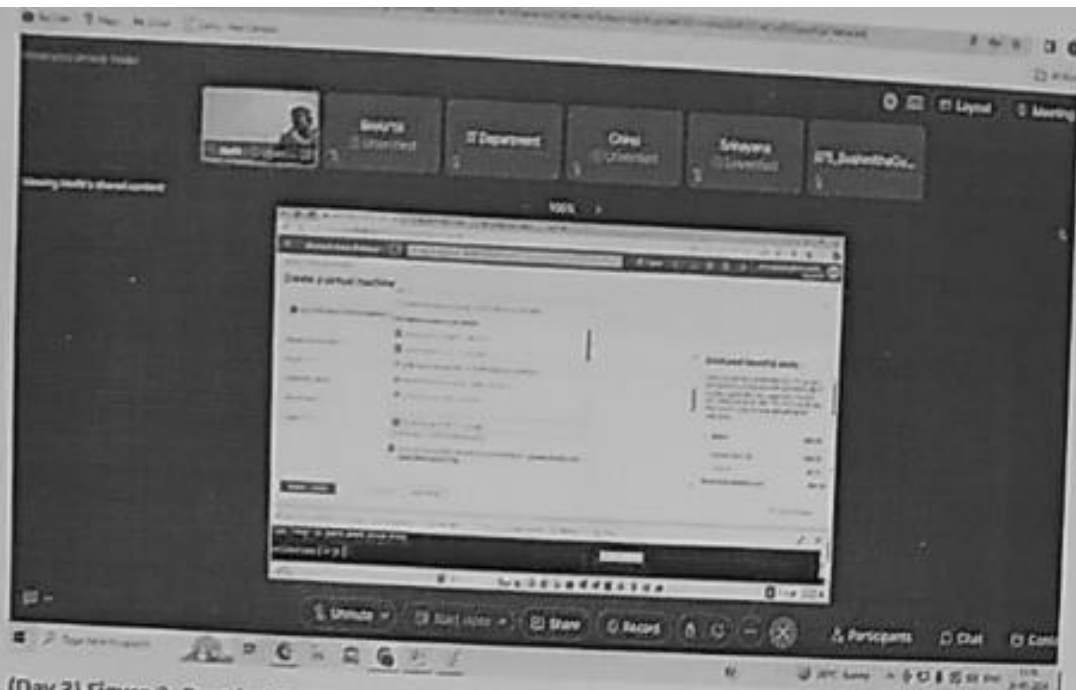
Glimpses of Day 3:



(Day 3) Figure 1: Basics of Azure Cloud Fundamentals



(Day 3) Figure 2: Demo on using Azure Portal



(Day 3) Figure 3: Practical Demonstration on Azure Cloud

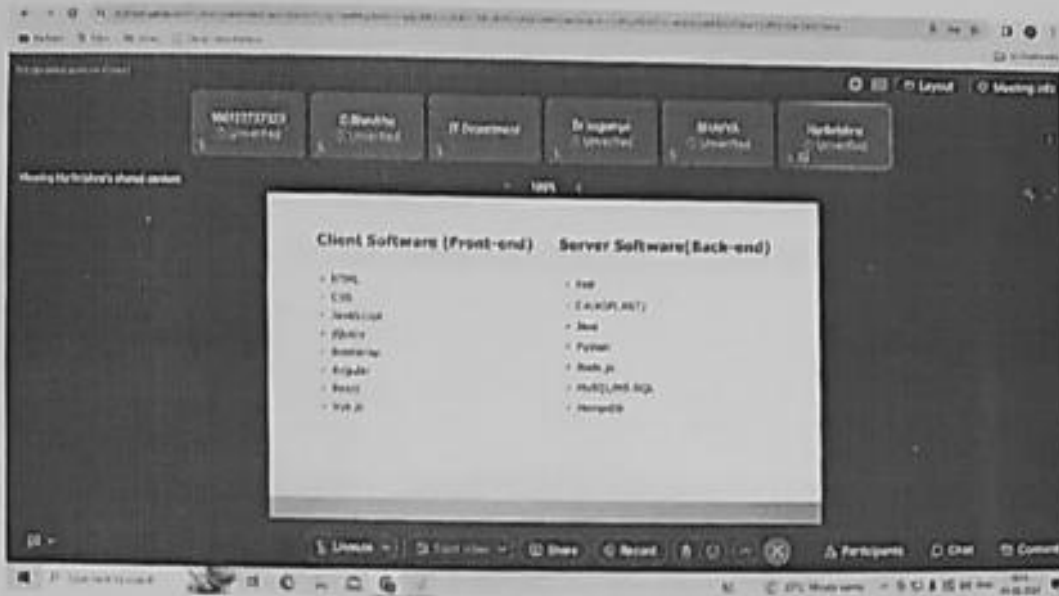
Day 4:

The fourth day session starts with "Role of Full Stack Developer", The resource person is P. Hari Krishna, Tech Lead, Tata consultancy services pvt ltd, Bangalore. A full-stack developer helps build and maintain both the front-end and the back end of a website. Students learn about full-stack developer skills, salary, and how you can become full-stack developer. Students also learn about what are current tools widely used in Full stack developer role and also how to learn all these to become a good full stack developer.

Glimpses of Day 4:



Day-4 figure-1 : Full Stack developer responsibilities



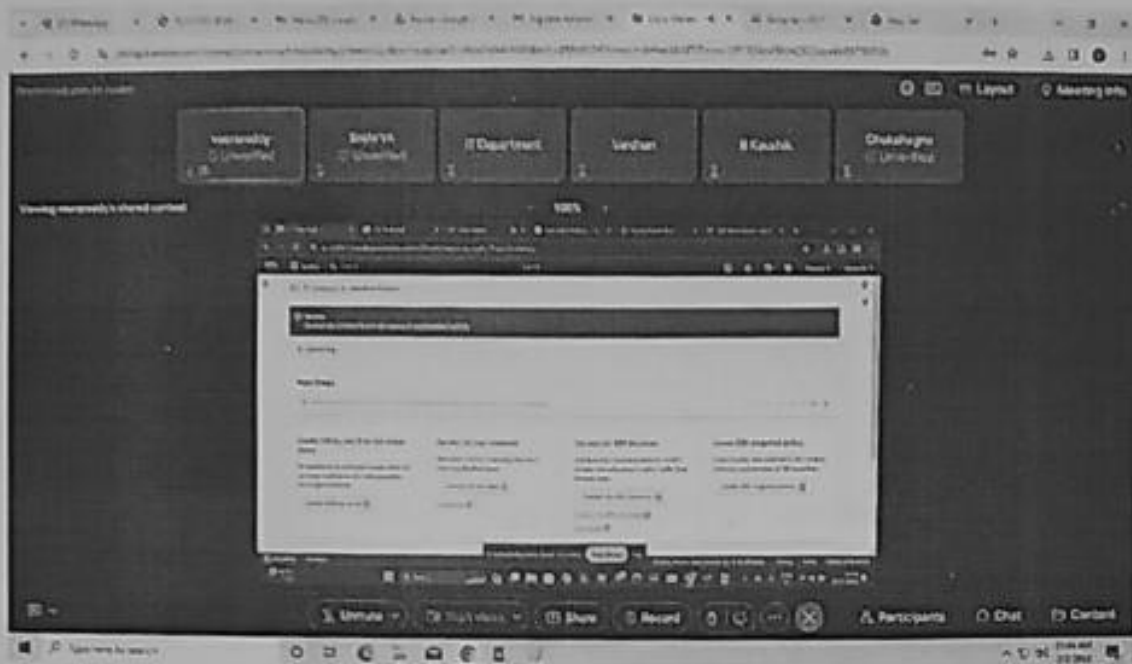
Day-4 figure-2 : Full Stack developer Client side – Server side tools

Day 5: The fifth day session starts with “AWS Cloud”, The resource person is K. Veera Reddy, Cloud Architecture Consultant, Cyberaegis IT solutions, Hyderabad. He explained the basics of cloud computing, and then introduced AWS cloud purpose, applications, and importance in the current market. He also covered AWS s3 storage, how to create VPC and given exposure on certification courses.

Glimpses of Day 5:



Day-5 figure-1 : AWS environment



Day-5 figure-2 : Steps to connect to AWS cloud

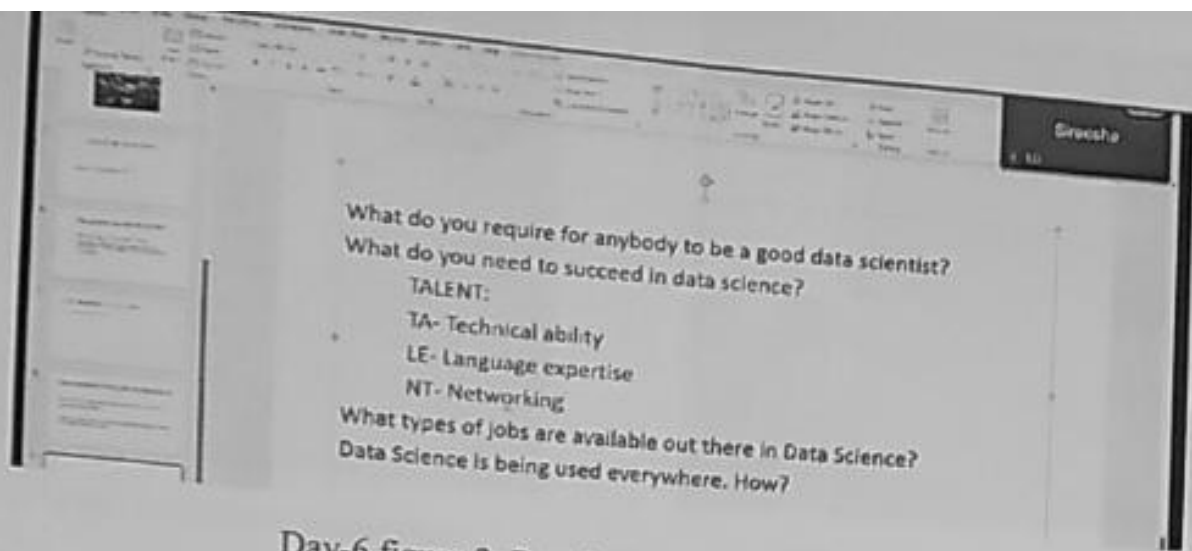
Day 6: The sixth day session starts with “Data Science in Industry”, The resource person is Sireesha Jasti, Senior software Engineer, TCS, Hyderabad. Madam started with the discussion on industrial revolution from 1.0 to 4.0, given good insights about industrial revolution in the computer science industry. Then explained data science basics, data science life cycle and current market of data science industry.

Glimpses of Day 6:

What is this data? How is it generated? How does that mean to say data generation?



Day-6 figure-1: Importance of Data



Day-6 figure-2: Requirements of Data Scientist

Followed by valedictory session was conducted. Principal Prof. C. V. Narasimhulu commended the efforts of the workshop convener Prof. Rajanikanth Aluvalu, HoD IT Department and faculty coordinators Dr. N. Sudhakar Yadav, Dr. S. Rakesh, Dr. K. Suganya and Mr. U. Sai Ram. This workshop attracted 250 student participants from CBIT college. Eminent Speakers from reputed industry shared the importance of latest cutting edge technologies like Power Bi, Azure DevOps, Azure Administrator fundamentals, Role of Full Stack Developer, AWS Cloud and Data Science in Industry etc. Prof Rajanikanth Aluvalu said that the Orientation of Latest Technologies workshop was a significant success, offering students valuable insights into the world of emerging technologies. This workshop coordinators Dr. N.Sudhakar Yadav and Dr. S. Rakesh said that the knowledge gained during this workshop will empower participants in their academic and professional journeys.

Glimpses of Valedictory Session:



Day-6 Fihure-1: Valedictory session



Principal Sir Speech in valedictory



HOD sir speech in valedictory

Successful Week-Long Tech Workshop at CBIT

DECCAN NEWS SERVICE
HYDERABAD

The Department of Information Technology at Chaitanya Bharathi Institute of Technology recently concluded a dynamic one-week online workshop on the Orientation of Latest Technologies, spanning from January 29 to February 3, 2024. The event, spearheaded by Prof. Rajanikanth Aluvalu, HoD IT Department, and supported by faculty coordinators, Dr. N. Sudhakar Yadav, Dr. S.



Rakesh, Dr. K. Suganya, and Mr. U. Sai Ram, received accolades from Principal Prof. C. V. Narasimhulu.

The workshop drew participation from 250 students within CBIT college, featuring distinguished speakers from reputable industries. These experts delved into the signifi-



cance of cutting-edge technologies such as Power BI, Azure DevOps, Azure Administrator fundamentals, Role of Full Stack Developer, AWS Cloud, and Data Science in Industry.

Prof. Rajanikanth Aluvalu expressed satisfaction, labeling the workshop as a signifi-



cant success that provided valuable insights into emerging technologies. Coordinators Dr. N. Sudhakar Yadav and Dr. S. Rakesh emphasized that the acquired knowledge would empower participants in both academic and professional pursuits.

Press Report: Successful Completion of Workshop

[Signature]
Department of IT
CBIT, Hyderabad



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INSTITUTE OF TECHNOLOGY (A)

Manusapet/Vijayal, Gannapet, Hyderabad, Telangana 500075, www.cbit.ac.in



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No. 791/CBIT/AEC/IC/2023

Dt. 27.04.2023

CIRCULAR

It is proposed to organize a **Virtual Alumni Talk** for IV Semester UG students of IT on 29-4-2023 from 03.00 to 04.00pm

Mr. M. Rama Rao, Senior Architect, Virtusa Consulting Services Private Limited Alumnus of CBIT 2005 Batch of IT will deliver talk on **"Cloud Computing and Sales Force"**.

The Speaker Session will focus on:

- Cloud Computing
- Sales Force Services
- Industry Trends

Date: 29th April 2023

Event Timings: 03pm to 04pm - Speaker Session

The Speaker Session is open to students of 4th semester from CSE and IT. All the interested staff are invited to attend the Speaker Session. Attendance for the students will be recorded only if they have attended the event. For any further clarifications in this regard, contact Ms.K.Swathi, Alumni Co-ordinator, Mobile number -9491388749 .

Meet link: <https://cbitnycd.webex.com/join?MTID=9230f295297c2e94c1725580fce204c>

PRINCIPAL

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All Heads of the Departments/Sections/FPC Coordinators for information and with a request to arrange for circulation among their students.

CC: The J/Cs - General and Electrical Maintenance to make necessary arrangements

CC: To all Advisors, Directors, Joint Directors, COE, Head HR and PRO for information and n/a.

Head Dept. of IT
CBIT, Hyderabad

Chaitanya Bharathi Institute of Technology (CBIT) (A)

Department of Information Technology Alumni Talk

Brief report

Event Date: 29th April 2023

Organized by: Department of Information Technology, CBIT(A)

Coordinator: Ms. K. Swathi, Assistant Professor, Department of Information Technology

Mode: Virtual (Webex)

Resource Person: Mr. M. Rama Rao, Alumnus (Batch 2001-2005)

Topic: Trends in Cloud Computing and Salesforce

Overview

The Department of Information Technology at CBIT(A) successfully hosted an enriching Alumni Talk on 29th April 2023, targeting the IV-Semester students to acquaint them with the latest trends in Cloud Computing and Salesforce. The virtual session, orchestrated by Ms. K. Swathi, was graced by the expertise of Mr. M. Rama Rao, a distinguished alumnus from the 2001-2005 batch.

Key Highlights

Emerging Technologies Insight: Mr. Rama Rao delved into the intricacies of Cloud Computing and Salesforce, emphasizing their significance in the current technological landscape. He provided an in-depth understanding of virtualization, cloud computing models, resources, and attributes.

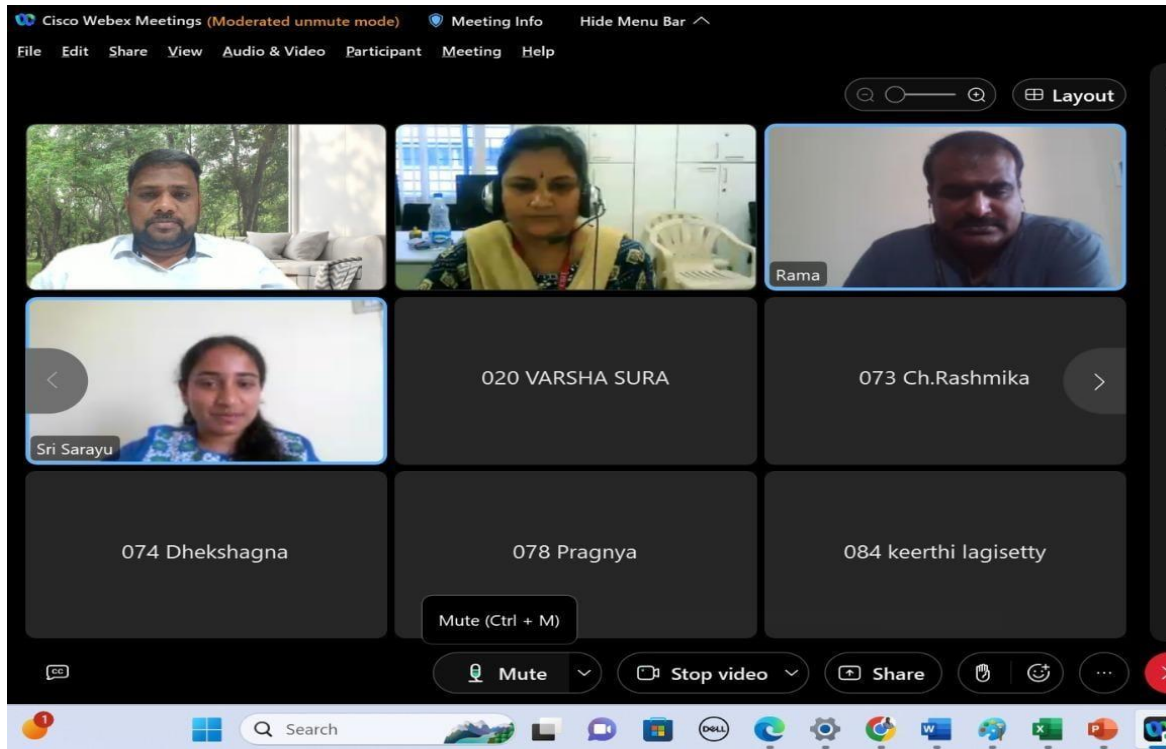
Salesforce Architecture: A detailed explanation of Salesforce Architecture was given, outlining its comprehensive framework. Mr. Rao also shed light on the variety of roles within the Salesforce ecosystem, offering students a glimpse into potential career paths.

Interactive Session: The talk was highly interactive, with Mr. Rao engaging with students through Q&A sessions, thereby fostering a dynamic learning environment. He shared valuable industry experiences, offering practical insights alongside theoretical knowledge.

Virtual Platform: The event was conducted in a virtual mode using Webex, ensuring broad accessibility despite geographical constraints. The session link provided was <https://cbithyd.webex.com/cbithyd/j.php?MTID=m928f9f295297c2e94c1725580fce204c>, facilitating seamless participation.

Conclusion

The Alumni Talk by Mr. M. Rama Rao marked a significant contribution to the enrichment of the Department of Information Technology's academic culture. Through this initiative, students were not only exposed to the theoretical aspects of trending technologies but also gained insights from real-world applications and industry practices. Such events underscore the department's commitment to bridging the gap between academic learning and industry requirements, preparing students for future challenges in the dynamic field of technology.



Cisco Webex Meetings (Moderated unmute mode) Meeting Info Hide Menu Bar ^ 46:01

File Edit Share View Audio & Video Participant Meeting Help

Rajanikanth Aluvalu Me Struthik Rama Seshadri Reddy Layout

Viewing Rama's application(s) - 60% +

Salesforce Product Ecosystem

virtusa

Participants (38)

Search

- RA Rajanikanth Aluv... Me
- ID IT Department Host
- P Rama
- OS 020 VARSHA SURA
- 0 025
- 0C 073 Ch.Rashmika
- 0D 074 Dhekshagna
- 0P 078 Pragnya
- 0L 084 keerthi lagisetty

Unmute Start video Share

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Jai

Head Dept. of IT
CBIT, Hyderabad

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Convener

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Coordinators

Dr. Kiran Kumar Amireddy, Assistant Professor,
MED.

Mrs. Venkata Sushma Chintla, Assistant Professor,
MED.

Co-Coordination

Dr. B.V.S Rao, Assistant Professor, MED.

Mrs. E. Ramalakshmi, Assistant Professor, IT.

Mode of classes: Hybrid

Timings: 6 to 8 PM

ABOUT THE INSTITUTE

CBIT is one of the premier Engineering Colleges in the state of Telangana located in the serene surroundings of Gandipet Lake. Over the past 44 years this institute has become a temple of knowledge and produced about 21,000 eminent and skillful graduate and postgraduate engineers, serving all over the world. Various programmes of the college were accredited five times by NBA (AICTE) and the institute is also accredited (A++) by NAAC - UGC. UGC has granted autonomous status to this institute from the academic year 2013-2014 and renewed in 2019-2020. The total constructed area is about 6.257 lakhs sq. ft. Worth about Rs. 4500 crores spread over 50.32 acres. The grants received from AICTE UGC DST are worth about Rs. 10 crores. The college offers Nine UG and Eleven PG courses. The institute has signed MOU's with various esteemed organizations.

ABOUT THE AICTE IDEA LAB OF CBIT

The aim of AICTE IDEA Lab in CBIT is to provide all facilities for conversion of an idea into a prototype. With these facilities in the campus, more students and faculty are being encouraged to take up creative work and, in the process, are getting trained on creative thinking, problem solving, collaboration etc. The IDEA Lab of CBIT is headed by Principal & Professor Dr. P. Ravinder Reddy, who is the chief mentor and the program is being actively guided by Dr. UK Choudhury, Director I & I, Dr. BVS Rao and Dr. P. Sathish are coordinators. We also have strong team of four Technical Gurus. The IDEA lab at CBIT is equipped with 15 3-D Printers, 50 Robotic Kits. About 600 Students have already underground training for Digital Fabrication using 3-D Printers and in Arduino. So that they become technically more competitive and confident. Presently the IDEA Lab at CBIT is also trying to reach schools and industries in and around Hyderabad.



*One Month AICTE IDEA LAB
Summer Internship Programme (SIP)*

2023

**“Python, Image processing
using openCV and
Innovative Projects”**

19 June -14 July, 2023

Coordinators

**Mrs. Venkata Sushma Chintla
Dr. Kiran Kumar Amireddy**

Organized by



AICTE IDEA LAB

**Chaitanya Bharathi Institute of
Technology (A)**

(Affiliated to Osmania University &
Approved by AICTE, Accredited by NBA-
AICTE, NAAC-UGC, ISO 9001-
2015 certified Institute)

**Kokapet(V), Gandipet(M), Hyderabad,
Telangana-500075**

Website: <http://www.cbit.ac.in>

ABOUT THE PROGRAMME

The objective of the program is to provide basic knowledge of Python and Image Analysis.

- **Practical Skills:** will develop a strong foundation in Python programming and OpenCV, giving you a competitive edge in the job market.
- **Problem-Solving Abilities:** The hands-on project will provide challenges Critical thinking, and problem analysis skills.
- **Real-World Relevance:** The skills acquired will provide applications in industries such as computer vision, image processing, artificial intelligence, robotics, and more.
- **Career Opportunities:** Python and OpenCV are highly sought-after skills in the industry.

The internship will cover.

Week1: BASICS OF PYTHON

- Variable creation
- Arithmetic and logical operators
- Data types and associated operations
- Conditional Statements, Loops

Week2: SEQUENCE DATA TYPE

- Strings, Lists and Arrays
- Tuples, Dictionary and Sets
- Range

Week3: Open CV

- Read an image and change pixel values
- Convert the image to grayscale
- Apply Gaussian blur to the image.
- Crop a region of interest (ROI)
- Apply a binary threshold, color filter
- Draw shapes on the image etc.

Week4: Innovative Projects

- On Python and/or OpenCV

ELIGIBILITY

Student from BE/B.Tech and M.E/M.Tech of any discipline

GUIDELINES

- Payment of fee and registration is first
- Mention **SIP by MED** while payment
- Eligible participants will be selected based on first come first serve basis and will be intimated by e- mail only.

REGISTRATION DETAILS

Registration fee: Rs. 1000/-

Bank Details: Acc.No: 180401001442

ICIC0004385



For details contact

Mrs. Ch. V. Sushma, Assistant Professor.

Dept. of Mechanical Engineering, CBIT,

Hyderabad-500075

Contact No: 8317643775

Mail Id: venkatasushmachinta_mech@cbit.ac.in

Dr. Kiran Kumar Amireddy, Assistant Professor.

Dept. of Mechanical Engineering, CBIT,

Hyderabad-500075

Contact No: 8754500229

Mail Id: akirankumar_mech@cbit.ac.in

REGISTRATION FORM

A One-Month Hybrid mode

AICTE IDEA LAB SIP on

Python, Image processing using Open CV

and Innovative Projects

(19 June-14 July 2023)

Organized by

DEPARTMENT OF MECHANICAL
ENGINEERING and

AICTE IDEA LAB

Chaitanya Bharathi Institute of Technology

Gandipet, Hyderabad

Telangana-500075

1. Name:
2. Date of Birth:
3. Gender:
4. Course and Year:
5. Branch:
6. Institute:
7. Address for Communication:
8. E-mail:
9. Mobile:
10. Any other information:

Declaration: The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the programme and shall attend the course for the entire duration.

<https://docs.google.com/spreadsheets/d/1XAcJB8Mt5ZYqaqfx7W509H1nIZ-t40tkMXTh5lmgz9e/edit?usp=sharing>

[8Mt5ZYqaqfx7W509H1nIZ-t40tkMXTh5lmgz9e/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1XAcJB8Mt5ZYqaqfx7W509H1nIZ-t40tkMXTh5lmgz9e/edit?usp=sharing)

Signature of the Candidate

Date:



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075, www.cbit.ac.in



COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

44
years



CERTIFICATE OF APPRECIATION

This is to certify that Mr. / Ms. / Dr. Kiran Kumar Amireddy, Assistant Professor, Department of Mechanical Engineering is a **Coordinator** and in association with AICTE IDEA LAB successfully organized One Month Summer Internship Programme (SIP) on “**Python, Image Processing using OpenCV and Innovative Projects**” during 19th June-14th July 2023 at Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad - 500 075, Telangana, India.

Dr. U.K Choudhury
Technical Advisor-SIP

Dr. P. Prabhakar Reddy
Head, MED

Dr. C. V. Narasimhulu
Principal, CBIT

A One-Month Hybrid mode
AICTE IDEA LAB SIP on
Python, Image processing using Open CV and Innovative Projects
(19 June-14 July 2023)

Organized by

**DEPARTMENT OF MECHANICAL ENGINEERING and AICTE IDEA
LAB**

Program Schedule:

	Date	Topic	Faculty Name / Contact Information
Week 1			
Inauguration on 19/06/2023			
1	19-06-2023	Significance of image processing / Introduction to Python, interfacing IDE	Dr. A. Kiran kumar/ Smt. Venkata Sushma Chinta Assistant Professor MED CBIT
2	20-06-2023	Variable Creation Operators	Smt. Venkata Sushma Chinta Assistant Professor MED CBIT
3	21-06-2023	Data types and associated operations	Smt. Venkata Sushma Chinta Assistant Professor MED CBIT
4	22-06-2023	Conditional Statements	Smt. Venkata Sushma Chinta Assistant Professor MED CBIT
5	23-06-2023	Loops	Smt. Venkata Sushma Chinta Assistant Professor MED CBIT
Week 2			
1	26-06-2023	Tuple, Lists	Sri. M. Venkata Krishna Reddy Assistant Professor CSE CBIT
2	27-06-2023	Arrays, Strings	Sri. B. Ramana Reddy Assistant Professor

			CSE CBIT
3	28-06-2023	Sets, Dictionaries	Smt. E. Swathi Assistant Professor CSE CBIT
4	29-06-2023	GUI programming basics with tkinter, Build a basic calculator program in Python that performs arithmetic operations (project)	Dr. Naga Raja Prasad Goli Senior Asst. Professor MCA CBIT
5	30-06-2023	Data Visualization using Python Libraries Matplotlib and Seaborn	Smt. E. Ramalakshmi Assistant Professor IT CBIT
Week 3			
1	03-07-2023	Introduction to image processing using OpenCV, basic programs	Smt. Venkata Sushma Chinta Assistant Professor MED CBIT
2	04-07-2023	Image Cropper: Design a tool that allows users to select a region of interest in an image and crop it using OpenCV (project)	Dr. A. Kiran kumar Assistant Professor MED CBIT
3	05-07-2023	Disparities matching in design of Graphical models Image Filters: Apply various image filters, Draw shapes on the image	Sri. Varun Chandra Samudrala Senior software consultant, CAD vision Engineer Pvt ltd Smt.Venkata Sushma Chinta / Dr.A.Kiran kumar Assistant Professor MED CBIT
4	06-07-2023	Optical Character Recognition (OCR) (Project)	Dr. S. Praveena Associate Professor CSE MGIT
5	07-07-2023	Image Rotator (Project), Image Thresholding using OpenCV (Project)	Dr. T. Sridevi Associate Professor CSE CBIT
Week4			
1	10-07-2023	GUI programming using Python to develop a Contact Book (Project)	Mrs. I. Srujana Assistant Professor CSE CBIT isrujana_cse@cbit.ac.in
2	11-07-2023	Object Detection: Use OpenCV to	Dr. B. Swathi Sowmya

		detect and track objects in a live video stream. (Project)	Assistant Professor IT CBIT
3	12-07-2023	GUI programming using Python to develop Password Generator (Project)	Dr. Katta Sugamya Assistant Professor IT CBIT
4	13-07-2023	Face Recognition: Develop a program that recognizes and identifies faces in images or live video streams using OpenCV. (Project)	Mrs. I. Srujana Assistant Professor CSE CBIT
5	14-07-2023	Valedictory	

REPORT

*A One-Month Hybrid mode
Summer Internship Program*

on

Python, Image processing using Open CV and Innovative Projects

(19 June-14 July 2023)

Organized by

**DEPARTMENT OF MECHANICAL ENGINEERING and AICTE IDEA
LAB**

**Title: Report on Summer Internship Programme on Python, Image
Processing using OpenCV, and Innovative Projects**

Introduction:

The Mechanical Engineering Department in collaboration with AICTE IDEA LAB at Chaitanya Bharathi Institute of Technology (CBIT) organized a one-month summer internship program on "Python, Image Processing using OpenCV, and Innovative Projects." The program aimed to provide participants with a strong foundation in Python programming, image analysis, and practical skills using OpenCV. This report highlights the key aspects of the program and its successful implementation.

Program Details:

- Title: Summer Internship Programme (SIP) on "Python, Image processing using OpenCV and Innovative Projects"
- Duration: 19 June - 14 July, 2023
- Coordinators: Mrs. Venkata Sushma Chinta and Dr. Kiran Kumar Amireddy

Organizing Institution:

- Chaitanya Bharathi Institute of Technology (CBIT), Kokapet(V), Gandipet(M), Hyderabad, Telangana-500075
- Website: <http://www.cbit.ac.in>

Key Personnel:

- Chief Patron: Sri. N. Subash, President, CBIT
- Patron: Dr. P. Ravinder Reddy, Principal, CBIT
- Advisor: Prof. Umakant Choudhary, Director I&I, CBIT

- Convenor: Dr. P. Prabhakar Reddy, HOD, Mechanical, CBIT
- Coordinators: Dr. Kiran Kumar Amireddy, Mrs. Venkata Sushma Chinta
- Co-Coordinators: Dr. B.V.S Rao, Mrs. E. Ramalakshmi

Program Objectives:

The program aimed to:

1. Provide basic knowledge of Python programming and image analysis using OpenCV.
2. Develop practical skills in Python programming and OpenCV, enhancing participants' employability.
3. Foster problem-solving abilities, critical thinking, and problem analysis skills through hands-on projects.
4. Demonstrate the real-world relevance of Python and OpenCV skills in various industries, including computer vision, image processing, artificial intelligence, and robotics.
5. Highlight career opportunities associated with Python and OpenCV skills.

Program Curriculum:

The internship program was structured into four weeks, covering the following topics:

Week 1: Basics of Python

Week 2: Sequence Data Type

Week 3: OpenCV

Week 4: Innovative Projects on Python and/or OpenCV

Program Highlights:

- Inauguration: The program commenced with an inaugural session on 19th June 2023.
- Expert Speakers:
 - The Summer Internship Programme (SIP) featured enlightening lectures from a total of 13 distinguished speakers, who shared their expertise on various topics. All the speakers delivered the content effectively, meeting the program's objectives. These sessions provided valuable insights and knowledge to the 20 participating faculty members and 40 students. The active engagement and enthusiastic participation of the faculty and students greatly benefited them, enhancing their skills and understanding in the respective areas of focus. The combined efforts of the speakers, faculty, and students made the SIP a highly impactful and rewarding experience for all involved.

Session Details and Importance:

Week 1: Basics of Python

- Session 1: Significance of image processing / Introduction to Python, interfacing IDE

Faculty: Dr. A. Kiran Kumar / Mrs. Venkata Sushma Chinta

Importance: This session set the foundation by introducing participants to the significance of image processing and providing an overview of Python programming and the IDE used for coding. Understanding the fundamentals of Python was crucial for the subsequent sessions.

- Session 2: Variable Creation, Operators

Faculty: Mrs. Venkata Sushma Chinta

Importance: Exploring variable creation and operators in Python allowed participants to grasp the core concepts of programming. This session facilitated hands-on practice and familiarized participants with essential programming constructs.

- Session 3: Data types and associated operations

Faculty: Mrs. Venkata Sushma Chinta

Importance: Understanding data types and their associated operations enabled participants to manipulate and work with different types of data efficiently. This knowledge formed the basis for further programming tasks and analysis.

- Session 4: Conditional Statements

Faculty: Mrs. Venkata Sushma Chinta

Importance: Learning conditional statements empowered participants to make decisions and control the flow of their programs. This session enhanced their problem-solving abilities and critical thinking skills.

- Session 5: Loops

Faculty: Mrs. Venkata Sushma Chinta

Importance: Mastery of loop structures provided participants with the ability to iterate over data and perform repetitive tasks. Loops are essential for efficient programming and are widely used in image processing and analysis.

Week 2: Sequence Data Type

- Session 1: Tuple, Lists

Faculty: Sri. M. Venkata Krishna Reddy

Importance: Understanding tuples and lists equipped participants with powerful data structures to store and manipulate collections of values. These concepts are vital for handling image data and performing operations on pixel values.

- Session 2: Arrays, Strings

Faculty: Sri. B. Ramana Reddy

Importance: Arrays and strings are fundamental in programming and image processing. This session focused on their usage and manipulation, enabling participants to work with multidimensional data and process textual information.

- **Session 3: Sets, Dictionaries**

Faculty: Smt. E. Swathi

Importance: Sets and dictionaries provided efficient data structures for storing and retrieving data. Participants learned how to utilize these structures for various tasks, including image analysis and feature extraction.

- **Session 4: GUI programming basics with tkinter, Build a basic calculator program in Python that performs arithmetic operations (project)**

Faculty: Dr. Naga Raja Prasad Goli

Importance: Graphical User Interfaces (GUI) play a crucial role in developing user-friendly applications. This session introduced participants to GUI programming using tkinter and enabled them to create a basic calculator, showcasing their problem-solving abilities.

- **Session 5: Data Visualization using Python Libraries Matplotlib and Seaborn**

Faculty: Smt. E. Ramalakshmi

Importance: Data visualization is essential for analyzing and interpreting image processing results. Participants learned to use Python libraries such as Matplotlib and Seaborn to create meaningful visual representations of data.

Week 3: OpenCV

- **Session 1: Introduction to image processing using OpenCV, basic programs**

Faculty: Smt. Venkata Sushma Chinta

Importance: This session introduced participants to OpenCV, a powerful library for image processing. They learned basic image manipulation techniques and acquired the skills needed for subsequent project-based sessions.

- **Session 2: Image Cropper: Design a tool that allows users to select a region of interest in an image and crop it using OpenCV (project)**

Faculty: Dr. A. Kiran Kumar

Importance: Through this project, participants applied their knowledge of OpenCV to develop a practical tool for image cropping. This project enhanced their problem-solving abilities and provided hands-on experience in implementing image processing algorithms.

- **Session 3: Image Filters: Apply various image filters, draw shapes on the image, etc. (project)**

Faculty: Smt. Venkata Sushma Chinta / Dr. A. Kiran Kumar

Importance: The project-based session focused on applying different image filters and drawing shapes on images using OpenCV. Participants gained practical experience in enhancing and manipulating images, honing their image analysis skills.

Disparities matching in design of Graphical models

Industry resource person: Sri. Varun Chandra Samudrala

Importance: Disparities matching in the design of graphical models plays a crucial role in various fields such as computer vision, robotics, and image processing. By understanding the importance of disparities matching, participants were able to develop a solid foundation in graphical models and enhance their image analysis skills.

- Session 4: Optical Character Recognition (OCR) (Project)

Faculty: Dr. S. Praveena

Importance: This project delved into the field of OCR, where participants developed a program capable of recognizing and extracting text from images. It exposed participants to advanced image processing techniques and their real-world applications.

- Session 5: Image Rotator (Project), Image Thresholding using OpenCV (Project)

Faculty: Dr. T. Sridevi

Importance: These projects allowed participants to explore image rotation and thresholding techniques using OpenCV. They developed practical skills in manipulating and enhancing images, preparing them for more complex image processing tasks.

Week 4: Innovative Projects

- Session 1. GUI programming using Python to develop a Contact Book (Project)

Faculty: Mrs. I. Srujana

Highlights:

- This project focused on utilizing Python's GUI programming capabilities to develop a contact book application.
- Participants learned to create an interactive user interface, implement contact management functionalities, and ensure data persistence.
- The project allowed participants to enhance their GUI programming skills and gain practical experience in building a useful application.

- Session 2. Object Detection: Use OpenCV to detect and track objects in a live video stream (Project)

Faculty: Dr. B. Swathi Sowmya

Highlights:

- This project involved using OpenCV to implement object detection and tracking algorithms in a real-time video stream.

- Participants learned to apply techniques such as Haar cascades, feature extraction, and bounding box detection.
- The project provided hands-on experience in computer vision and showcased the practical applications of OpenCV in object detection scenarios.

- Session 3. GUI programming using Python to develop a Password Generator (Project)

Faculty: Dr. Katta Sugamya

Highlights:

- Participants were introduced to GUI programming in Python and used their skills to create a password generator application.
- The project involved generating secure passwords based on user-defined parameters, such as length and character sets.
- Participants gained experience in creating user-friendly interfaces and implementing algorithms for secure password generation.

- Session 4. Face Recognition: Develop a program that recognizes and identifies faces in images or live video streams using OpenCV (Project)

Faculty: Mrs. I. Srujana

Highlights:

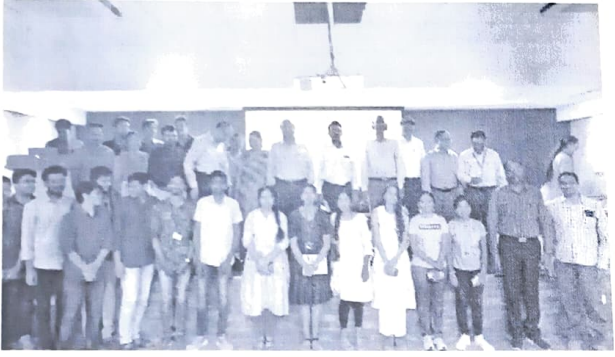
- This project focused on implementing face recognition techniques using OpenCV.
- Participants learned about face detection, feature extraction, and face matching algorithms.
- The project allowed participants to develop a face recognition program capable of identifying individuals in images or live video streams, demonstrating the practical applications of computer vision.

- 5. Valedictory

- The internship program concluded with a valedictory session on 14th July 2023.
- The valedictory session provided an opportunity to celebrate the achievements of the participants and acknowledge their dedication and hard work throughout the program.

Attachments:

- Brochure of the program



పైథాన్, ఓపెన్సివి మరియు ఇన్నోవేటివ్ ప్రాజెక్ట్లను ఉపయోగించి ఇమేజ్ ప్రాసెసింగ్ (షివ్) పై ఒక నెల సమ్మర్ ఇంటర్షిప్ ప్రోగ్రామ్

అక్షర శకం, హైదరాబాద్, జూన్ 20 : చైతన్య భారతి ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ, మెకానికల్ ఇంజనీరింగ్ విభాగం , ఎ బ సి టీ ఈ బడియా ల్యాబ్ తో కలిసి జూన్ 19 నుండి 14 జూలై, 2023 వరకు "పైథాన్, ఓపెన్సివి మరియు ఇన్నోవేటివ్ ప్రాజెక్ట్లను ఉపయోగించి ఇమేజ్ ప్రాసెసింగ్ (షివ్)" పై ఒక నెల సమ్మర్ ఇంటర్షిప్ ప్రోగ్రామ్ ని నిర్వహిస్తోంది. ప్రారంభకార్యక్రమానికి ప్రెస్నిపోల్ ప్రొఫెసర్ పి. రవీందర్ రెడ్డి ముఖ్య అతిథి గా చోజలై మాట్లాడుతూ ఒక నెల సమ్మర్ ఇంటర్షిప్ విస్తూత్వ ప్రాజెక్టులు విద్యార్థుల పరిశ్రమల అవసరాల తగట్టుగా మరియు మార్కెట్ దిమాండ్ కు అనుగుణంగా వారి కెరీర్ రూపొందించడంలో ఎంతో సహాయపడుతుంది అని అన్నారు. ప్యాకల్జీ కోల్పోనేలర్ గా, డాక్టర్ కిరణ్ కుమార్ అమిరెడ్డి మాట్లాడుతూ ఈ షివ్ కార్యక్రమానికి వివిధ విశ్వవిద్యాలయ విద్యార్థులు మరియు ఇతర కళాశాలల నుండి 42 మంది విద్యార్థులు, 14 మంది అధ్యాపకులు మరియు 3 పరిశ్రమల నుండి చోజరవుతున్నారని సభను ఉద్దేశించి పేర్కొన్నారు. ఇతర ప్యాకల్జీ కోల్పోనేలర్ శ్రీమతి వెంకట సుష్ర చింత మాట్లాడుతూ, ఈ ప్రోగ్రామ్ పైథాన్, సిక్స్ షివ్, డేటా టైప్, ఓపెన్సివిని ఉపయోగించి ఇమేజ్ అనాలిసిస్ మరియు ఇన్నోవేటివ్ ప్రాజెక్టుల యొక్క ప్రాథమికాలను కవర్ చేస్తుంది అని తెలిపారు. విద్యార్థులు మరియు ఇతర భాగస్వాములు సమ్మర్ ఇంటర్షిప్

ప్రోగ్రామ్ ను పూర్తి స్థాయిలో ఉపయోగించుకోవాలని మరియు దాని నుండి గరిష్ట ప్రయోజనాన్ని పొందాలని డిపార్ట్ మెంట్ హెడ్, ప్రొఫెసర్ పి. ప్రభాకర్ రెడ్డి కోరారు. మరియు ప్రోగ్రామ్ కు అవసరమైన అన్ని సౌకర్యాలను అందించడానికి డిపార్ట్ మెంట్ సిద్ధంగా ఉంది మరియు విద్యార్థులు ప్రాథమిక భావనలపై డ్యుష్టి పేజ్యాలని మరియు సామాజిక అవసరాలను పరిష్కరించడానికి ప్రత్యక్ష ప్రాజెక్టులో వాటిని వర్తింపజేయాలని కోరారు. డైరెక్టర్ సర్జెంట్ ఎస్కెర్ ప్రొ.పి.వి.ఆర్. రవీంద్రారెడ్డి, మెకానికల్ మరియు ఎలక్ట్రికల్ తదితర వృత్తిగత విభాగాలను కేవల చేయడం వల్ల ఎలాంటి ప్రయోజనం ఉండదని పేర్కొన్నారు. వాస్తవానికి అన్ని విజ్ఞానాల కలయిక అవసరం మరియు ప్రాజెక్టును పూర్తి చేయడానికి సమిష్టిగా దరఖాస్తు చేసుకోవాలి. అందువల్ల, అన్ని విభాగాలతో కలిపి ప్రాజెక్టులను చేయాలని అయిన పాల్గొనే వారందరికీ సూచించారు. ప్రెస్నిపోల్ ప్రొఫెసర్ పి.రవీందర్ రెడ్డితో పాటు విద్యార్థి వృత్తిపాల డైరెక్టర్ ప్రొఫెసర్ పి.వి.ఆర్. సిద్దిబతి హైదరాబాద్ లో జరిగిన ఈ ప్రారంభోత్సవ కార్యక్రమానికి రవీంద్రారెడ్డి, డిపార్ట్ మెంట్ హెడ్ ప్రొ. పి. ప్రభాకర్ రెడ్డి, సిక్స్ ప్యాకల్జీ కోల్పోనేలర్లు డాక్టర్ కిరణ్ కుమార్ అమిరెడ్డి మరియు శ్రీమతి వెంకట సుష్ర చ్చిత, ఇతర డిపార్ట్ మెంట్ అధ్యాపకులు మరియు అన్ని విభాగాల విద్యార్థులు చోజరయ్యారు.

Timestamp	Email Address	Name of the Participant (As per registration)	Type of Registration	Department	(If for students) Year and semester	(If for faculty) is not in College Name	Roll number (complete)	Transaction ID/Ref Number of the Proof for Fee Payment
7/3/2023 9:57:48	weedygma@icloud.com	Wanthy Maita R Marak	Student	Artificial Intelligence and	2nd year, 4th semester	Chaitanya Bharathi Instt	16012171092	316569512651
7/3/2023 10:02:14	omel.pabbat@gmail.com	Om Prabhakar	Student	Mechanical	2 Year and 4 Sem	CBIT	16012173662	T230624212514956193192
7/3/2023 10:08:41	anvithakakka@gmail.com	Anvitha Halapata	Student	Mechanical	2nd year 4th semester	Chaitanya Bharathi Instt	16012173611	31707674519
7/5/2023 22:38:16	ug21124_mech_pranee@fmsai.frans.edu	Mech. Pranee R Naga Sai Franseth	Student	Mechanical	2nd year 4th semester	Chaitanya Bharathi Instt	16012173612	31749686648
7/3/2023 10:21:56	s.amarashwaryav63@gmail.com	S Amarashwaryav63	Student	AIRDS	2nd year 4th sem	Chaitanya Bharathi Instt	16012177129	31749686648
7/3/2023 12:48:35	hansthapanna5@gmail.com	Hansthapanai Hanstha Naski	Student	AIRDS	2nd year 4th sem	CBIT	16012173519	T230624212200125499964
7/3/2023 16:42:07	shamshaham9@gmail.com	Shamshaham Mythri Tumavata	Student	ECE	2nd year 4th semester	CBIT	16012173519	31749686648
7/3/2023 17:50:12	aregamaiah41@gmail.com	Areema Madasa	Student	Mechanical	Second year, IV Semester	Chaitanya Bharathi Instt	16012173612	T230624212514956193192
7/3/2023 18:39:07	gowtham.poono2005@gmail.com	Poono Gowtham Nivas	Student	AIRDS	2nd year 4th sem	CBIT	16012173611	31749686648
7/3/2023 18:52:12	rlthakpala30@gmail.com	JELLA RITHIKA	Student	Biotechnology	2nd year 4th sem	Chaitanya Bharathi Instt	16012173611	T230624212200125499964
7/3/2023 18:30:01	vishnuvajjala@gmail.com	POLA VISHNU TEJA	Student	Artificial Intelligence & Data Science	2nd year 4th sem	Chaitanya Bharathi Instt	16012171121	T230625162646141397346
7/4/2023 9:30:26	munagyath0035@gmail.com	Muni Gayathi	Student	Electronics and Commar	2nd year - 4th Semester	Chaitanya Bharathi Instt	16012173564	31732022748
7/4/2023 17:17:39	praneethchary@gmail.com	Praneeth Chary Kammani	Student	Mechanical	2nd year, 4th sem	CBIT	16012173612	T230624212514956193192
7/4/2023 18:04:16	akshathabhayankar@gmail.com	Koti Akash Abhayankar	Student	Mechanical	2nd year, 4th semester	Chaitanya Bharathi Instt	16012173612	31749686648
7/4/2023 20:15:59	meghanreddy26@gmail.com	Dendi meghana	Student	Biotechnology	SEM-4(2023)	CBIT	16012169910	T230625011461790961616
7/4/2023 20:53:04	chavipoo3079@gmail.com	Chavi D Chavi	Student	Mechanical	2nd year - IV semester	Chaitanya Bharathi Instt	16012173612	T230624212514956193192
7/4/2023 20:19:08	praneethch@gmail.com	Chaitanya Venkata Narasimha	Student	Mechanical	2nd year and 4th Semesr	CBIT	16012173611	31749686648
7/4/2023 20:32:52	ksst090@gmail.com	Kankasha Sana Sania Banu	Student	Mechanical	2nd year, 4th semester	CHAITANYA BHARATHI	16012173611	T2306211649015141136945
7/5/2023 9:00:11	bandjyath7378@gmail.com	BANDI JAYANTH	Student	ECE	2nd year 4th sem	Chaitanya Bharathi Instt	16012173611	31749686648
7/5/2023 9:00:23	jahnaveemka305@gmail.com	Mukka Jahnave	Student	Biotechnology	2nd year, 4th semester	Chaitanya Bharathi Instt	16012190209	317441450153
7/5/2023 9:00:42	nathwikavakapudi@gmail.com	Vakapudi Sathwik	Student	Mechanical	3rd year 6th semester up	Chaitanya Bharathi Instt	16012073612	T23061819519522393423
7/5/2023 9:11:09	kirtikasunder07@gmail.com	Kirtika Shanmuga Sunder	Student	Biotechnology	2nd year, 4th semester	Chaitanya Bharathi Instt	16012169912	T2301059605946158651768
7/5/2023 9:40:10	2004arejaredy@gmail.com	Sreeja Reddy	Student	B.E.Mechanical	2nd year 4th sem 2023	Chaitanya Bharathi Instt	16012173604	31724535107
7/5/2023 11:16:30	sharonpreetha01@gmail.com	Bodanapu Sharon Geetha	Student	Mechanical	2nd sem 3rd year 2023	Chaitanya Bharathi Instt	16012173603	317246187835
7/5/2023 12:36:58	arvillinnara25@gmail.com	A Nibanka	Student	Mechanical engineering	2nd year 4th semester	CBIT	16012173612	T230626004303880511454
7/5/2023 12:42:35	vegthar2003@gmail.com	V CHATURYA	Student	Mechanical	2nd year, IVth Semester	Chaitanya Bharathi Instt	16012173603	T2306242131168465215922
7/5/2023 18:34:06	satarthansundera@gmail.com	Sai venhan goud Bandaru	Student	Mechanical Engines	2nd year 4th semester	Chaitanya Bharathi Instt	16012173616	T2306211649015141136945
7/5/2023 18:36:53	mummalakalastainedan	Mumkala Balu Sai Srinandan	Student	Mechanical Engines	2nd year 4th semester	Chaitanya Bharathi Instt	16012173616	T2306211649015141136945
7/5/2023 18:56:40	achyuthkarthikeya@gmail.com	Achyuth Karthikeya	Student	Mechanical Engines	2nd year, 4th sem	Chaitanya Bharathi Instt	16012173615	T2306281840017642239351
7/5/2023 19:14:37	veerapatalnitha@gmail.com	Ruchitha veerapatal	Student	Mechanical	2nd year 4th semester	CBIT	16012173611	T2306211649015141136945
7/5/2023 19:58:42	gvathareddy@gmail.com	Gillala Vishakh Reddy	Student	Artificial Intelligence and	2nd Year 4th sem	Chaitanya Bharathi Instt	16012177102	31722556661
7/5/2023 20:29:00	lohithachoudhary@gmail.com	Lohitha Choudhary	Student	AIRDS	2nd year 4th sem	Chaitanya Bharathi Instt	16012177103	354995246297
7/5/2023 21:53:48	ugs21111_lokesh_mech@icloud.com	Lokesh Manjary	Student	Mechanical Engineering	2nd year 4th semester	Chaitanya Bharathi Instt	16012173611	T2306269936260402818410
7/7/2023 9:40:45	jayshreddy04@gmail.com	Jayesh Reddy	Student	Mechanical	2nd year 4th semester	Chaitanya Bharathi Instt	160121736105	317144082613
7/7/2023 10:47:20	meghajn2904@gmail.com	Marthi Mukund Meghaji	Student	Ece	2nd year, 4th sem	CBIT	16012173565	317020122617
7/8/2023 12:24:16	kgirdharreddy2022@gmail.com	K. Girdhar Reddy	Student	ECE Electronics and Com	1st year, 2nd semester	Chaitanya Bharathi Instt	16012273504	318896251024
7/8/2023 10:47:02	varunvcbit@gmail.com	Samsudra Varun Chandra	CAD Vision Engineers	NA	NA	NA	NA	NA
7/10/2023 12:18:11	charanakobline@gmail.com	Charan sai	Student	Mechanical	2nd year 2nd sem	Chaitanya Bharathi Instt	16012173612	T2306242239127519784433
	pkiranumar_mech@cbit	P. Kiran Kumar	Assistant Professor	Mech	NA	CBIT	NA	NA
	Dr P.P Chowdary	Dr P.P Chowdary	Associate Professor	Mech	NA	CBIT	NA	NA
	V. Jaipal Reddy	V. Jaipal Reddy	Assistant Professor	Mech	NA	CBIT	NA	CNF 3430796
	venkalmshwarrao_mech	N. Venkateswara Rao	Assistant Professor	Mech	NA	CBIT	NA	CNF 3429201
	Dr. Nngini Yarramsetty	Dr. Nngini Yarramsetty	Assistant Professor	Mech	NA	CBIT	NA	CNF 341290
	V Sandhya	V Sandhya	Assistant Professor	Mech	NA	CBIT	NA	NA
	Dr. P.V.R. Ravindra Reddy	Dr. P.V.R. Ravindra Reddy	Professor	Mech	NA	CBIT	NA	NA
	Dr. G. Laxmaiah	Dr. G. Laxmaiah	Professor	Mech	NA	CBIT	NA	NA
	Dr. B.V.S Rao	Dr. B.V.S Rao	Assistant Professor	Mech	NA	CBIT	NA	NA
	Mrs. E. Ramalaxmi	Mrs. E. Ramalaxmi	Assistant Professor	IT	NA	CBIT	NA	NA
	Mrs. Venkata Sushma Chinta	Mrs. Venkata Sushma Chinta	Assistant Professor	Mech	NA	CBIT	NA	NA
	Dr. Kiran Kumar Amireddy	Dr. Kiran Kumar Amireddy	Assistant Professor	Mech	NA	CBIT	NA	NA

SIP-Final Evaluation-Participants Response (Responses)

Timestamp	Email Address	Dr. Kiran Kumar Amiredd	Mrs. Venkata Sushma Ch	Sri. M . Venkata Krishna Red
7/13/2023 19:10:34	anvithakalapatapu7@gm	Excellent	Excellent	Very Good
7/13/2023 19:11:26	megnareddy26@gmail.c	Very Good	Very Good	Very Good
7/13/2023 19:11:31	charansaiobilineni@gma	Very Good	Very Good	Good
7/13/2023 19:11:49	lomaniyar@gmail.com	Excellent	Excellent	Very Good
7/13/2023 19:13:43	Isureshkumar_mech@cb	Excellent	Excellent	Excellent
7/13/2023 19:14:40	reddivs@gmail.com	Excellent	Excellent	Very Good
7/13/2023 19:16:59	vjaipalreddy_mech@cbit	Excellent	Excellent	Excellent
7/13/2023 19:20:49	sreejamadaka47@gmail	Very Good	Very Good	Excellent
7/13/2023 19:21:43	praneethcvn@gmail.com	Good	Excellent	Very Good
7/13/2023 19:23:32	venkateshwarrao_mech@	Excellent	Excellent	Excellent
7/13/2023 19:23:40	prkprasad_mech@cbit.a	Excellent	Excellent	Excellent
7/13/2023 19:32:15	s.amareshwaryadav63@	Excellent	Excellent	Excellent
7/13/2023 19:34:27	shanmukhamythrii@gma	Excellent	Excellent	Excellent
7/13/2023 19:34:28	aakashabhayankar@gm	Excellent	Excellent	Excellent
7/13/2023 19:48:54	snspraneeth@gmail.com	Very Good	Very Good	Very Good
7/13/2023 19:57:19	pkirankumar_mech@cbit	Excellent	Excellent	Excellent
7/13/2023 20:03:45	vishnutejapola@gmail.co	Excellent	Excellent	Excellent
7/13/2023 20:04:38	kssb990@gmail.com	Excellent	Excellent	Excellent
7/13/2023 20:14:48	wendymarla.marak@gm	Excellent	Excellent	Very Good
7/13/2023 20:41:21	varuncnitw@gmail.com	Very Good	Very Good	Very Good
7/13/2023 20:42:46	bandijayanth7378@gmai	Very Good	Excellent	Good
7/13/2023 20:42:50	veerajyothi_it@cbit.ac.in	Excellent	Very Good	Good
7/13/2023 20:49:59	kirthikhasunder07@gmai	Excellent	Excellent	Excellent
7/13/2023 22:40:23	dsmadhuri_mexh@cbit.a	Excellent	Excellent	Excellent
7/13/2023 23:27:44	munigayathri9035@gmai	Very Good	Excellent	Good
7/14/2023 8:02:24	kgiridharreddy2022@gm	Excellent	Very Good	Very Good
7/14/2023 8:39:36	rpchowdary_mech@cbit	Excellent	Excellent	Very Good
7/14/2023 8:56:46	munigayathri9035@gmai	Very Good	Excellent	Very Good
7/14/2023 9:39:24	glaxmaiah_mech@cbit.a	Excellent	Excellent	Excellent

Sri. B. Ramana Reddy (Smt. E. Swathi (Topic: :	Dr. Naga Raja Prasad C	Smt. E. Ramalakshmi (Mr. Samudrala Varun C-	Dr. S. Praveena (Topic: :
Very Good	Very Good	Good	Excellent	Excellent	Excellent
Very Good	Good	Very Good	Very Good	Very Good	Very Good
Excellent	Very Good	Excellent	Very Good	Very Good	Very Good
Excellent	Excellent	Excellent	Excellent	Excellent	Good
Very Good	Very Good	Very Good	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Very Good	Very Good	Good	Good	Good	Excellent
Very Good	Very Good	Very Good	Very Good	Good	Very Good
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Very Good	Very Good	Very Good	Excellent	Excellent	Excellent
Very Good	Very Good	Very Good	Very Good	Very Good	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Very Good	Very Good	Very Good	Excellent	Excellent	Excellent
Very Good	Very Good	Very Good	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Very Good	Very Good	Good	Very Good	Average	Very Good
Very Good	Excellent	Very Good	Very Good	Excellent	Very Good
Good	Good	Good	Good	Good	Good
Good	Very Good	Very Good	Very Good	Good	Very Good
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Good	Very Good	Good	Good	Good	Excellent
Excellent	Excellent	Very Good	Good	Good	Good
Very Good	Excellent	Very Good	Very Good	Very Good	Very Good
Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
Very Good	Very Good	Good	Very Good	Very Good	Very Good
Very Good	Very Good	Excellent	Very Good	Excellent	Very Good

Dr. T. Sridevi (Topic: Im	Mrs. I. Srujana (Topic: (Dr. B. Swathi Sowmya (T	Dr. Katta Sugamya (Top	Mrs. I. Srujana (Topic: I	Is this Internship topics n
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Excellent	Excellent	Excellent	Very Good	Excellent	Maybe
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Very Good	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Good	Very Good	Very Good	Very Good	Very Good	Maybe
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Maybe
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Excellent	Excellent	Very Good	Very Good	Very Good	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Good	Good	Good	Good	Good	Yes
Excellent	Very Good	Good	Excellent	Very Good	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Excellent	Excellent	Excellent	Excellent	Excellent	Yes
Good	Good	Good	Good	Good	Yes
Very Good	Excellent	Very Good	Very Good	Excellent	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Very Good	Very Good	Very Good	Very Good	Very Good	Yes
Excellent	Excellent	Very Good	Excellent	Excellent	Yes

Is the topics covered in it	We value your feedback. Would you	Overall Rating of the SIP	Any suggestions to the coordinators
Yes	yes anything on ai or ml or data mar	5	no
Yes	Yes, may be on other courses like D	5	No
Yes	not decided any sir	3	N.A
Yes	Something in core so that it can be z	5	No
Yes	Yes	5	Nil
Yes	Yes ML applications using python	5	The session were planned and executed perfectly.
Yes	yes	5	NIL
Yes	yes	4	nil
Yes	3D Modelling, Solid works	4	No
Yes	cloud computing	5	Very good
Yes	Yes	5	Very good
Yes	Yes,It was very helpful and interactiv	1	Duration is more like it is 2 hours...it could be lesse
Yes	yes. electronics topics like Arduino c	5	would recommend offline classes occasionally as v
Yes	Yes, Java programming with AI appl	5	Please do not keep attendance mandatory
Yes	Robotics	4	Very good sessions
Yes	Yes	5	Better if it is in offline mode with hands on sessions
Yes	yes and we are interested in full star	4	no
Yes	More Internship on software engineer	5	No thanks
Yes	3D printing	5	-
Yes	good	4	good work
Yes	Java ,web development and DSA	4	Please upload the recording video's so that if we m
Yes	Yes	4	Good
Yes	Yes	5	No
Yes	Yes	5	Nil
Yes	Yes,JAVA ,WEB DEVELOPMENT A	3	Nothing
Yes	Yes. I would also like to attend a pro	4	Live classes would be more interactive and resourc
Yes	Yes	1	Nil
Yes	Yes	4	No
Yes	control systems	5	Professionally organised

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

Gandipet, Hyderabad – 500075

Report on

One day Workshop “Advances in Geotechnical & Structural Engineering”

29th April 2023

Department of Civil Engineering CBIT organized a one-day workshop on “Advances in Civil Engineering - Special Reference to Structural and Geotechnical Engineering” In honor of Dr MVK Rao, Professor, Department of Civil Engineering and Sri G Bhaskar Reddy, Assistant Professor, Department of Civil Engineering on attaining Superannuation.



Dr K Jagannadha Rao, Sri G Baskara Reddy, Dr M. R. Madhav, Dr P. Ravinder Reddy, Dr P Rateesh Kumar, Dr M.V Kriahna Rao during the inaugural session

Prof. P. Ravinder Reddy, principal CBIT welcomed the participants and through light on the role of skills in the growth of students. And he also emphasised growth of civil engineering now a days. on in his remarks to the participants, Professor K. Jagannadha Rao outlined the department's activities in research and consultancy. He also uttered the importance

of these kinds of activities for the overall development of the students. And mentioned some of the recent achievements in civil engineering department. Dr N.R.D Murthy coordinated the workshop. The workshop is conducted in offline attracted more than 60 participants (students, working professionals and faculty from various colleges).

The gathering was addressed by the most experienced individuals, Dr M. R. Madhav, Emeritus Professor JNTUH, (Former Professor IIT Kanpur) and Dr P Ratish Kumar Professor, CED, NITW. The speakers shared their experiences and knowledge among students regarding advantages of Geo-synthetics for sustainability”, and concrete deterioration causes with remedies, deterioration of concrete Structures and overview of strengthening techniques.

Dr M. R. Madhav, Emeritus Professor JNTUH, (Former Professor IIT Kanpur) presented a knowledgeable talk on "Geo-synthetics for sustainability" in which he covered various geo textile and geosynthetic types. And presented different case studies of natural geotextile embankment stabilisation, which he dealt with as a consultant. Additionally, various natural geo-synthetics that are widely accessible and useful for stabilising soil were presented. In his presentation he also discussed about economics aspect also.



Dr M. R. Madhav delivering a lecture on geo-synthetics for sustainability

The following lecture was delivered Dr P Rateesh Kumar, Professor, NIT Warangal on “Repair, Rehabilitation & Retrofitting” Delivered a presentation on Concrete Structure Deterioration and an Overview of Strengthening Techniques. He focused more on the

fundamentals of retrofitting techniques and how concrete is detonated by time and harmful environmental conditions in that talk. In his presentation he also shown and explained some of the case studies. Students were actively participated during the session.



Dr P. Rateesh Kumar delivering a lecture on repair, rehabilitation and retrofitting



Participants during the session

Later, the department of civil engineering honoured Dr. MVK Rao and Sri G. Bhaskar Reddy. Both the faculty members recollected their experiences working with CBIT, many faculty shared their relationship with both the faculties.



Felicitation of Mr & Mrs Dr M.V. Krishna Rao

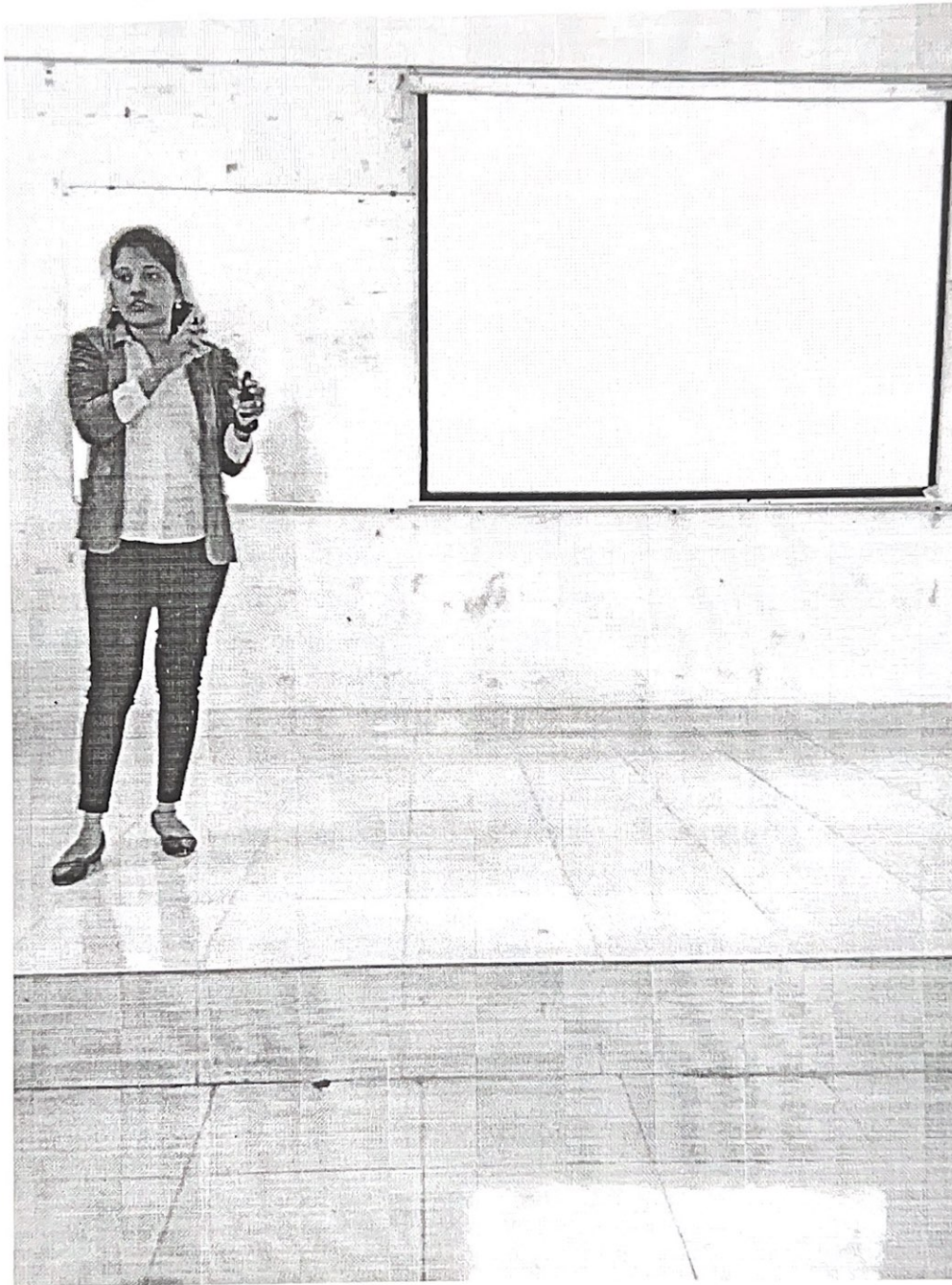


Felicitation of Dr G Baskara Reddy

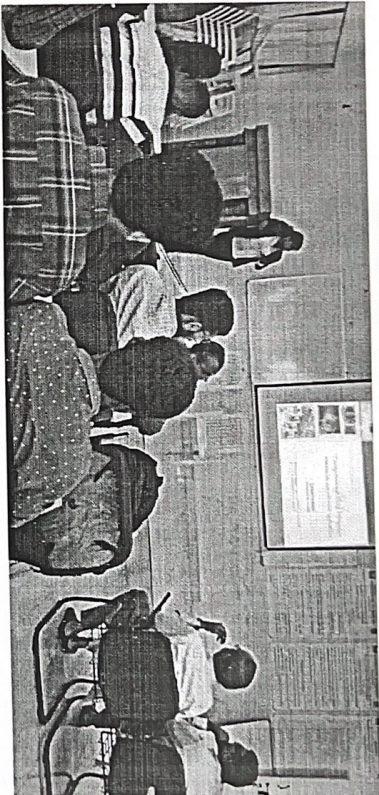
Head, CED

DEPARTMENT OF CIVIL ENGINEERING
CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
GANDIPET, HYDERABAD - 500 075

REPORT ON
GUEST LECTURE BY B.SIREESHA ON 20th APRIL 2023



2022-



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.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

BE VI SEM MECHANICAL F1 SECTION

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

Date: 20-03-2023

S.No	Roll No.	Name of the Candidate	Signature
1	1601-20-736-001	AYUSHI CHATURVEDI	
2	1601-20-736-002	BHARGAVI PHADKE	
3	1601-20-736-003	HANSIKA REDDY TADISINA	
4	1601-20-736-004	LAHARI KALANGI	
5	1601-20-736-005	LAKSHMI MITHRAVINDA REDDY KARNATAKAM	
6	1601-20-736-006	SAHITHI EAMANI	
7	1601-20-736-008	SRAVYA SANIKOMMU	
8	1601-20-736-009	SREEJA SIRPUR	
9	1601-20-736-010	ABDUL RAHMAN	
10	1601-20-736-011	ABHIRAM CHITTURI	
11	1601-20-736-012	ANIRUDH AKKINEPALLY	
12	1601-20-736-013	ANIRUDH GADDAMANUGU	
13	1601-20-736-014	ARYAN VISHWANATH PALLERLA	
14	1601-20-736-015	BHARATH POL	
15	1601-20-736-016	BHARGAV KASIMALLA	
16	1601-20-736-017	CHANDRAKANTH SINGH G	
17	1601-20-736-018	CHANDRASHEKHAR KAMMARI	
18	1601-20-736-019	CHEENNA REDDY GUNTAPALLY	
19	1601-20-736-020	DHANA NIVAS MARIKUKALA	
20	1601-20-736-021	DHANUSH TEJA BERA	
21	1601-20-736-023	DILEEP DHARAVATH	
22	1601-20-736-024	DIVYA TEJA MAMIDIPALLY	
23	1601-20-736-025	HRSHIKESH SANGAM	
24	1601-20-736-026	KIRAN KUMAR R	
25	1601-20-736-027	MANJUNATH NAYAK PRASANNAGANAPATI	
26	1601-20-736-028	MANJUNATH REDDY WUJI	
27	1601-20-736-029	MOHAMMED FURQAN JAMAL	
28	1601-20-736-030	MOKSHITH PADALA	
29	1601-20-736-031	MUKUND BALRAJ VISHWANATH	
30	1601-20-736-032	NISHANTH THOKALA	
31	1601-20-736-033	PRANAV KOTTURI	
32	1601-20-736-034	RAKESH MUNSHI	

S.No	Roll No.	Name of the Candidate	Signature
33	1601-20-736-035	RITHVIK ANAND GODI	<i>Rithvik</i>
34	1601-20-736-037	SAI NARAYANA GUBBA	<i>Sainarayana</i>
35	1601-20-736-038	SAIKRISHNA KATHROJU	
36	1601-20-736-039	SAKETH PONNAM	<i>Saket</i>
37	1601-20-736-040	SAMARA TEJA KONDILA	<i>Samara Teja</i>
38	1601-20-736-041	SATHWIK ANNALADESH	<i>Sathwik</i>
39	1601-20-736-042	SATHWIK VAKALAPUDI	<i>Sathwik</i>
40	1601-20-736-044	SIDDHARTH KONREDDY	<i>Siddharth</i>
41	1601-20-736-045	SREE SATWIK YARLAGADDA	<i>Sree Satwik</i>
42	1601-20-736-046	SRIPAVAN N	<i>Sripavan</i>
43	1601-20-736-047	SUBBULU YALALA	<i>Subbulu</i>
44	1601-20-736-048	SYED MOHI UDDIN	<i>Syed Mohi</i>
45	1601-20-736-049	VAMSHIKRISHNA GAJULA	<i>Vamshikrishna</i>
46	1601-20-736-050	VEERA BHADRA GANDLA	<i>Veera Bhadra</i>
47	1601-20-736-051	VENKATA AJAY KUMAR REDDY PULI	<i>Venkata</i>
48	1601-20-736-052	VENKATA NAGA RUTHVIK SOMAROUTU	<i>Venkata</i>
49	1601-20-736-053	VENKATA SATYA SAI SRIMANTH INDURTHY	<i>Venkata</i>
50	1601-20-736-054	VINEETH KUMAR NAGAPURI	<i>Vineeth Kumar</i>
51	1601-20-736-055	YASHWANTH GUDURU	<i>Yashwanth</i>
52	1601-19-736-026	NAYANI LOKESH	<i>Nayani</i>
53	1601-20-736-301	RANGA PRANAY KUMAR	<i>Ranga</i>
54	1601-20-736-302	MUSHINI NARENDER	<i>Mushini</i>
55	1601-20-736-303	CHAMANTHULA ROHITH	<i>Ch. Rohith</i>
56	1601-20-736-304	CHEPURI ASHWINI	<i>Ch. Ashwini</i>
57	1601-20-736-305	SRIHITHA MALUSETTY	<i>M. Srihitha</i>
58	1601-20-736-306	KUCHANA BANUSRI	<i>K. Banusri</i>
59	1601-20-736-313	KENCHE KARTHIK	<i>K. Kenche</i>
60	1601-20-736-314	KARI BHARATH	<i>K. Bharath</i>
61	1601-20-736-315	NARAYANADASU LOKESH	<i>Narayana</i>
62	1601-20-736-316	BURRA MANIKANTA GOUD	<i>Burra</i>
63	1601-20-736-317	MULAGIRI SAI KIRAN	<i>Mulagiri</i>
64	1601-20-736-318	VISHAL AVASTHI	<i>Vishal</i>

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

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

Date: 20-03-2023

Sl No	Roll No.	Name of the Candidate	Signature
	1601-20-736-061	AFREEN BEGUM	
2	1601-20-736-062	DIVYA SIRIGARI	
3	1601-20-736-063	MOHAMMED SHAGUFTHA	<i>Shaguftha</i>
4	1601-20-736-064	MOUNIKA BADAVATH	<i>Mounika</i>
5	1601-20-736-065	NIKHITHA PUNATI	<i>Nikhitha</i>
6	1601-20-736-066	PHANITHA BODA	<i>Phanitha</i>
7	1601-20-736-067	SATATHA PALETI	<i>Satatha</i>
8	1601-20-736-068	SATHVIKA EEARLA	
9	1601-20-736-069	SHAIK NAUSHEEN FIRDOUZ	<i>Nausheen</i>
10	1601-20-736-070	SOWMYA ISRALGANDI	<i>Sowmya</i>
11	1601-20-736-071	SREENIJA MORUMPALLI	<i>Sreenija</i>
12	1601-20-736-072	SRICHANDANA DUGGYAMPUDI	<i>Srichandana</i>
13	1601-20-736-073	ABHIRAM REDDY TELAKALA	
14	1601-20-736-074	ADITYA SUBBARAO VARUPULA	
15	1601-20-736-075	AHMED AQIB	
16	1601-20-736-076	AQIB UDDIN SIDDIQUI	
17	1601-20-736-077	ARYA BHATTA CHARAN BONGARALA	<i>B. Charan</i>
18	1601-20-736-078	BHAVANI SANKAR CHODAVARAPU	
19	1601-20-736-079	GIRINATH BHARATHAKAVI	
20	1601-20-736-080	JASHWANTH GAJULA	
21	1601-20-736-081	KARTHIK ARNAV GUMMADI	
22	1601-20-736-082	KARTHIK THUMUGANTI	<i>Karthik T</i>
23	1601-20-736-083	KOUSHIK DEVULAPELLY	<i>D. Koushik</i>
24	1601-20-736-084	MANIDEEP DASARI	<i>DMandeeep</i>
25	1601-20-736-085	MOHAN RAO SHERI	
26	1601-20-736-086	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	1601-20-736-090	PRANAY KUMAR ARURI	
31	1601-20-736-091	PRANEETH RAM KUMMARA	
32	1601-20-736-092	PUNNAM CHANDER THATIPAMULA	

S.No	Roll No.	Name of the Candidate	Signature
33	1601-20-736-093	RISHAB ERRAMILLI	
34	1601-20-736-094	RUTHVIK DEV AKUTHOTA	<i>R.D. Ven.</i>
35	1601-20-736-095	SAI CHARAN REDDY P	<i>Sai Charan</i>
36	1601-20-736-096	SAI KIRAN KURMAPU	
37	1601-20-736-097	SAI KIRAN REGU	
38	1601-20-736-098	SAI KOUSHIK CHINTHAPANDU	<i>Chint</i>
39	1601-20-736-099	SAI SABAREESH REDDY NEELAM	<i>Sabari</i>
40	1601-20-736-100	SAI SAMANVITH TIRUNAGARI	
41	1601-20-736-101	SANTHA SAWANTH MARINGANTI	
42	1601-20-736-102	SANTHOSH JAKKULA	<i>Santhosh</i>
43	1601-20-736-103	SHASHI KIRAN MANKALA	<i>M. Shashi Kiran</i>
44	1601-20-736-104	SHRAVAN KUMAR BAIRI	<i>Shraavan</i>
45	1601-20-736-105	SRI HARSHA DEVANAPALLI	<i>Harsha</i>
46	1601-20-736-106	SURESH BANOTH	
47	1601-20-736-108	VAMSHI KUMAR KALYABOINI	
48	1601-20-736-109	VENKATA SAI CHANDRA VEERLAPALLY	
49	1601-20-736-110	VENU PUTTA	
50	1601-20-736-111	VIGNESH SURYADEVARA	
51	1601-20-736-112	YASHWANTH RAGHAVENDRA REDDY DONTULAPALLY	
52	1601-20-736-307	BHUKYA SAGAR	
53	1601-20-736-308	BANOTH KALYAN	
54	1601-20-736-309	THOTA SHIVA	
55	1601-20-736-310	BINGI UDAY KIRAN	
56	1601-20-736-311	BALAGANI KEERTHI	
57	1601-20-736-312	MALOTH MAHESHWARI	
58	1601-20-736-319	THIPPARTHI SUMANTH	
59	1601-20-736-320	NARISSETTI JYOTHI JAGADISH	
60	1601-20-736-321	CHARAN SAI GOLI	
61	1601-18-736-310	MOHAMMED ABDUL SHUKUR	

PROFESSOR & HEAD
 Department of Mechanical Engineering
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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (Autonomous)
GANDIPET, HYDERABAD- 500075**

DEPARTMENT OF CIVIL ENGINEERING

Report on

Two-week Practice Oriented Student Internship Program (SIP) on “Software Applications for Sustainable Water Resources Management (SASWRM 2023)” during 29th May to 15th June 2023 in association with AICTE Idea Lab

About the Internship

This internship is an excellent platform for students and researchers to gain knowledge on applications of different computational tools in Water Resources Engineering. Theoretical knowledge is not solely sufficient to work in real-field problems. Therefore, this internship mainly focused on hands-on training on computational flow modelling, application of artificial intelligence in discharge assessment, remote sensing application, satellite image processing, realistic problems in water supply / distribution system and its solution, Hydrograph studies in flood routing, Rainfall-runoff simulation, Scouring depth prediction, which require an intense knowledge of relevant software and their working. The internship was handled by experts from resource persons from universities of national repute and Industries like IITs, NITs, HMWSSB and CGWB. The internship was conducted for total 90 contact hours with its numerous sessions include training, hands-on and project work. Assignments were given to all interns as homework and the same was evaluated. Assessment was done on a given project related to real-field application thereby enhancing the ability of the participants in carrying out its application in the future research.

The internship was conducted in association with AICTE IDEA Lab, CBIT. The aim of AICTE IDEA Lab in CBIT is to provide all facilities for conversion of an idea into a prototype. With these facilities in the campus, more students and faculty are being encouraged to take up creative work. In this process, students and faculty are getting trained on creative thinking, problem solving, collaboration etc. The IDEA Lab of CBIT is headed by Principal & Professor Dr. P. Ravinder Reddy, who is the chief mentor.

Organizing Committee:

Patron

Prof. P. Ravinder Reddy
Principal, CBIT (A)

Chairman

Dr. K. Jagannadha Rao

Professor & Head, Department of Civil Engineering, CBIT (A)

Convenors

Dr. Jnana Ranjan Khuntia

Assistant Professor

Department of Civil Engineering, CBIT (A)

Dr. Kamalini Devi

Assistant Professor

Department of Civil Engineering, CBIT (A)

Coordinators

Sri E. Maheshwar Reddy, Assistant Professor

Sri Ramanarayan Sankriti, Assistant Professor

Dr. Angshuman Das, Assistant Professor

Dr. B. V. S. Rao, Coordinator, AICTE IDEA Lab CBIT

RESOURCE PERSONS

1. Prof. Kishanjit Kumar Khatua

Professor and Dean (AR), NIT Rourkela

2. Dr. Bhabani Shankar Das

Assistant Professor, NIT Patna

3. Mr. Mane S R Rohith

Manager (engg), Shivam section

Sub division -3, O&M Division -5, HMWS&SB

4. Dr. Kamalini Devi

Assistant Professor, CBIT (A), Hyd

5. Sri Ramanarayan Sankriti

Assistant Professor, CBIT (A), Hyd

6. Mr. Ketan Kumar Nandi

Ph.D. Scholar, IIT Guwahati

7. Mr. Sarjati Sahoo

Ph.D. Scholar, NIT Rourkela

8. Sri Bijay Ketan Mohanta

Scientist C, Central Ground Water Board, Southern Region, Hyderabad

Student Volunteers:

- Edara V S S Sahithi
- Mamatha Choudhary
- K Rahul
- Abdul Rafeh Chouhan
- Macherla Vaishnav Ganesh
- Gadapa Madhu
- Shaik Sana Taslim
- Madu Shri Mokshagna Goud
- Madipally Mallikarjun
- Puppala Swetha
- Boini Thirupathi
- Chidruppa Vishwa
- Niharika Kamisetty

Date: 29-05-2023 (Day 1)

An Inaugural ceremony for the internship program was conducted in Main Seminar hall at CBIT, Hyderabad on its first day. The program was started by welcoming the Principal and Patron Prof. P. Ravinder Reddy, Guests Dr. Bhabani Shankar Das, Assistant Professor, NIT Patna (Chief Guest), Er. Mane S. R. Rohith, Manager, Shivam Section, HMWS&SB (Guest of honour), Dr. K. Jagannadha Rao, Head-CED and Chiarman SASWRM-2023, Prof. U. K. Chaudhury, Director I&I, Dr. Jnana Ranjan Khuntia, Dr. Kamalini Devi, Assistant Professors, Convenors SASWRM 2023 at the stage. The inauguration function was started with lightening of the lamp the dignitaries. Then, it started with Saraswati Bandhana. After that, Principal has addressed the gathering and motivated students for the internship and felt that this internship program SASWRM 2023 would be awarding a promising career to the interns. Head, CED has addressed the interns and highlighted about the department and its activities/ achievements. Chief Guest has emphasized on the recent trends of developing ideas for new start-up and the skill development through the internship. Guest of honour addressed some key issues in water distribution and its solution of HMWS&SB. Director I&I focused on the AICTE Idea lab aim and objectives in helping to give the scope for different events. Convener Dr. Kamalini has foregrounded on the significance of conducting the internship. Convener Dr. Jnana Ranjan has accentuated evaluation process and rules and regulation of the internship program. Dr. Angshuman Das, one of the Coordinators SASWRM 2023 delivered vote of thanks at the end. 22 nos. of teaching and non-teaching staffs and 75 nos. of interns from CBIT and other institutions attended this inaugural program.



Fig. 1: Glimpses during inauguration of SASWRM 2023

Session 1: Water Distribution in Twin cities of Hyderabad and Secunderabad.

Speaker: Er. Mane SR Rohith

The session started with the role of HMWSSB in the distribution of drinking water and treatment of wate water in the twin cities and its later introduction to the Musi River. Also,

further the topic of Water Cycle was introduced and the role it plays in the availability of ground water rain water and surface water on earth. The different sources of water to the twin cities were outlined since 1920 when Osmansagar and Himayatsagar served as water sources and then with growing population and development of IT Hub, Singur dam (Manjira River), Nagarjuna Sagar dam (Krishna River), Yellampally Barrage (Godavari River) were the current sources of water supply to the twin cities.

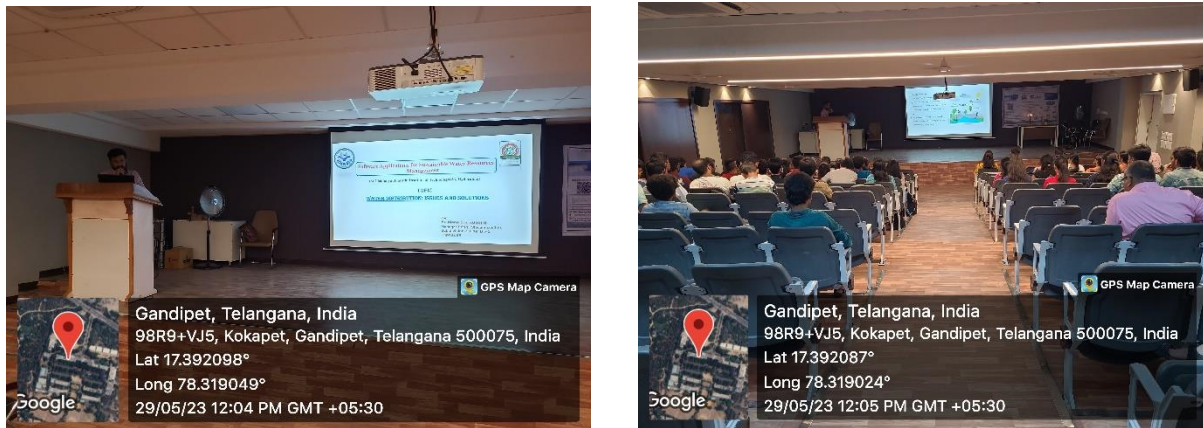


Fig. 2: Glimpses during Session1: by Er. Rohith SR Manne

Session 2: Application of Artificial Intelligence in Flow Assessment

The interns were introduced to the concept of machine learning like similarities and differences between human and artificial intelligence and membership functions.

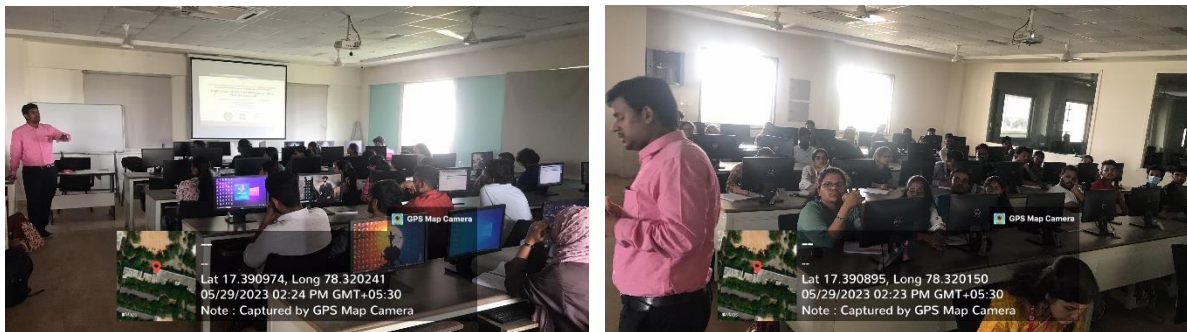


Fig. 3: Glimpses during Session 2: by Dr. Bhabhani Shankar Das

Date: 30.05.2023 (Day-2)

The session started with the Introduction and demo of software and ended with hands-on practice session to software like Win Gamma, MATLAB and ANFIS by Dr. Bhabhani Shankar Das. Afternoon session also witnessed Assessment-I (Quiz) on content delivered in previous day's lectures.



Fig. 4: Glimpses during Session 3 and Assessment: by Dr. Bhabani Shankar Das and coordinators

Date: 31.05.2023 (Day-3)

Flood routing by using HEC-RAS (Hydrology Engineering Center-River Analysis System) by Dr Bhabani Shankar Das and in the afternoon introduction to the importance of IDEA lab and Innovative Idea management and technology readiness level achievement by Dr. Umakanta Choudhury.

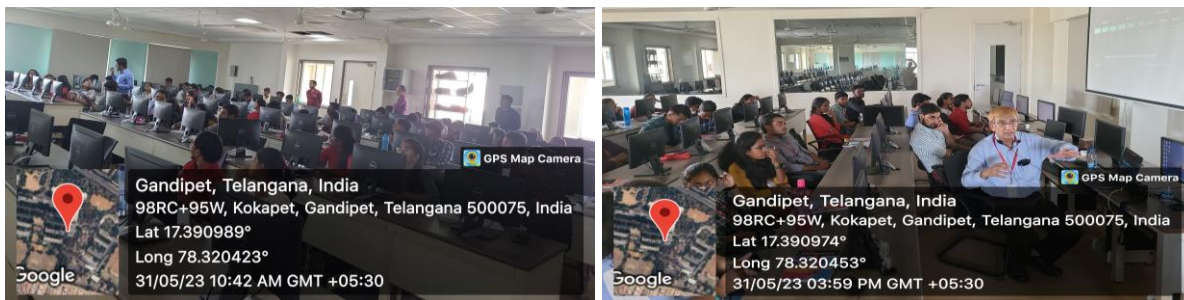


Fig. 5: Glimpses during Session 4 and AICTE Idea Lab session: by Dr. Bhabani Shankar Das and Dr. Umakanta Choudhury

Date: 01.06.2023 (Day-4)

Morning: Online training session and Demo of the ANSYS by Mr.Sarjati Sahoo of NIT Rourkela respectively.

Afternoon: Introduction to hands-on practice session of HEC-RAS software with Dr. Kamalini Devi, Dr. Jnana Ranjan Khuntia and Sri Ramanarayan Sankriti.



Fig. 6: Glimpses during Session 5 and AICTE Idea Lab session: by Mr. Sarjati Sahoo and Dr. B. V. S Rao

Date: 02.06.2023 (Day-5)

FN- Dr Kishanjit Kumar Khatua has given one lecture on water conservation and its challenges. Also, he demonstrated of flow parameter measuring techniques in Laboratory and real filed cases.

AN- ANSYS hands-on session in CAD/CAM lab of MED.

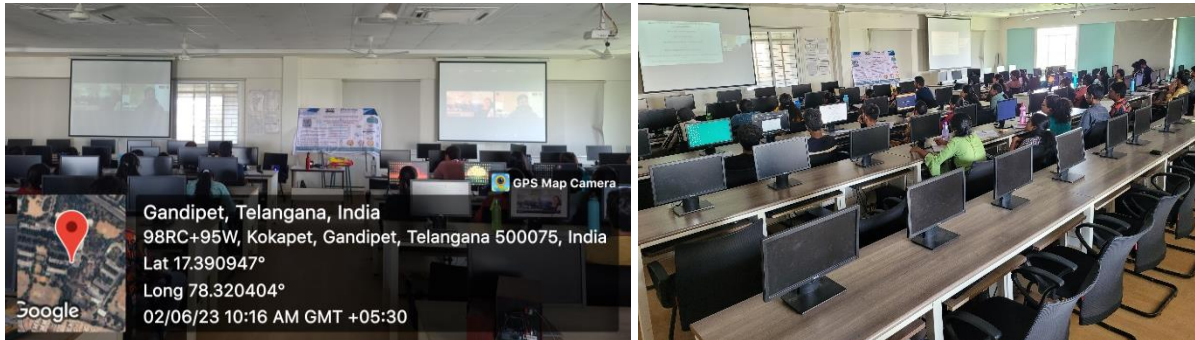


Fig. 7: Glimpses during Session 6 and Hands-on Session: by Dr. Kishnajit Kumar Khatua and coordinators

Date: 05.06.2023 (Day-6)

FN-Conveyance Estimation System is explained and demonstrated by Dr. Kamalini Devi. The software CES is used to compute the conveyance of open channel like river/canal. Also, it is used to observe the variation of depth averaged velocity and bed shear stress across the channel.

AN-Assessment –II (Quiz). An assessment of the interns undertaken in the lectures taught after Assessment-I.

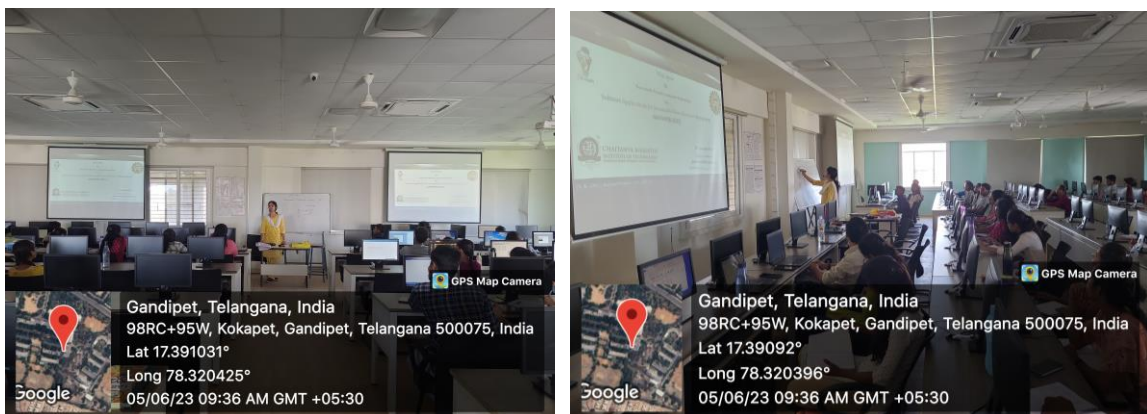


Fig. 8: Glimpses during Session 7 and Hands-on session: by Dr. Kamalini Devi and coordinators

Date: 06.06.2023 (Day-7)

Application of GEE in River health management by Mr. Ketan Kumar Nandi

River health management was assessed using NDWI and NDVI which gives a measure of wetness of the river valley in the peninsular rivers that don't carry water throughout the year.

AN-Georeferencing and Digitizing by Sri Ramanarayan S

The students were introduced to the concept of geo-referencing and how it is performed using QGIS. Also there was a demo of digitizing exercise in QGIS.

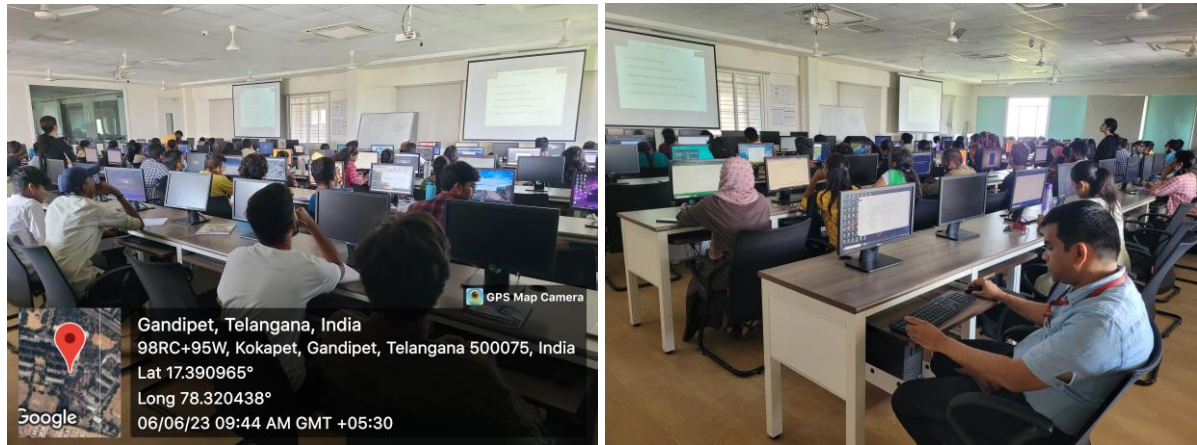


Fig. 9: Glimpses during Session 8: by Mr. Ketan Kumar Nandi and Sri Ramanarayan Sankriti
Date: 7.06.2023 (Day-8)

FN- The morning session comprised of the Application of crop health assessment using Google Earth Engine (GEE) and QGIS with the Indices like Vegetation condition Index, Temperature condition index and vegetation health index. GEE codes for these indices were explained to students followed by DEMO and hands-on session.



Fig. 10: Glimpses during Demo and hands-on session of GEE: by Sri Ramanarayan Sankriti
AN-ANSYS Training session-II

The problem of drawing velocity contours and secondary flow currents in an open channel was explained using ANSYS Fluent by Mr. Sarjati Sahoo.

Date: 08.06.2023 (Day-9)

Formation of Project batches. All the interns have started their project work based on the software learnt during training program.

Date: 09.06.2023 (Day-10)

Project Review-I. The review was done by Dr. Jnana Ranjna Khuntia, Dr. Kamalini Devi, Sri Ramanarayan Sankriti and Dr. Angshuman Das.

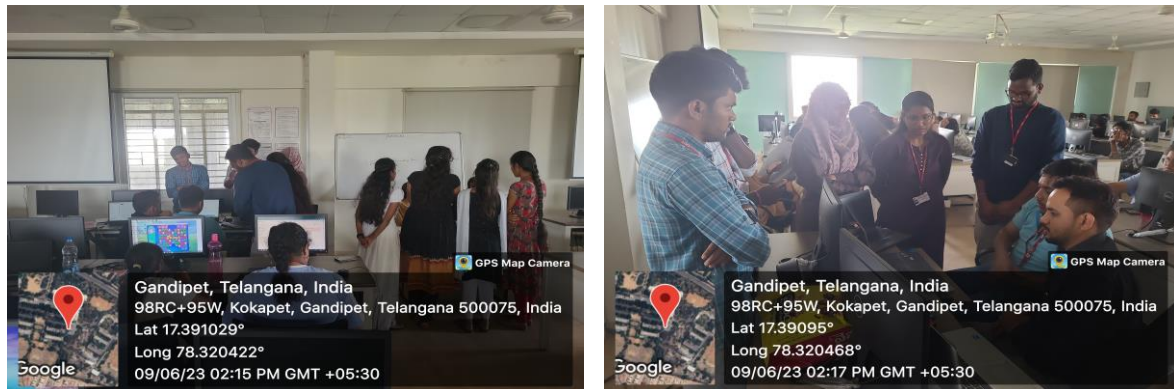


Fig. 11: Glimpses during Project Evaluation (Review 1): by Dr. Jnana Ranjna Khuntia, Dr. Kamalini Devi, Dr. Angshuman Das and Sri Ramanarayan Sankriti

Date: 10.06.2023 (Day-11)

PPT on ground water by Sri Bijay Ketan Mohanta form CGWB, Govt. of India. He emphasized the various geological formations that enable storage of ground water and also how to get access to data related to ground water depths at various locations at different times of the year.

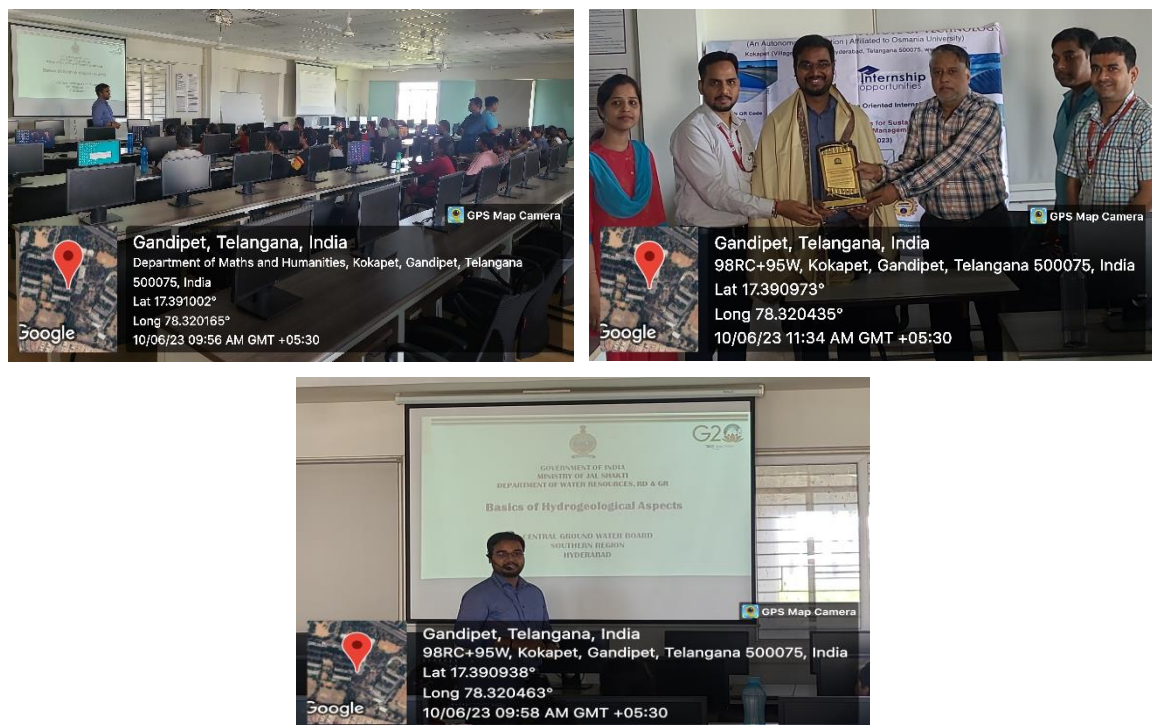


Fig. 12: Glimpses during Session 9: by Sri Bijay Ketan Mohanta

Date: 12.06.2023 (Day-12)

The students were involved in completion of the internship project. Each internship project was designed with the application of atleast 2-3 different software learnt during the previous days' training sessions.



Fig. 13: Review of work by the Conveners and Coordinators

Date: 13.06.2023 (Day-13)

Project Review-2: All the interns presented their group PPT and submitted their draft report during the evaluation process. The review process completed and assessed by Dr. Kamalini Devi, Dr. Jnana Ranjan Khuntia, Sri Ramanarayan Samkriti. Dr. K. Jagannadha Rao, Chairman SASWRM 2023 and Head of the department was the observer of the review process.

Date: 14.06.2023 (Day-14)

Industrial Visit: An Industrial visit to 23MLD and 51MLD Capacity Sewage Treatment Plants, Attapur of Hyderabad Metropolitan Water Supply and Sewerage Board (HMWSSB) also completed on 14th June 2023. Both 23MLD and 51MLD Capacity Sewage Treatment Plants were well conditioned and working very efficiently. Visit to water treatment plant was made possible for the interns to get an idea of water treatment process in Hyderabad city and further safe release of effluent into the River Musi. Both 23MLD and 51MLD Capacity Sewage Treatment Plants were well conditioned and working very efficiently. The latest 51 MLD STP uses the most advanced waste water treatment technology, C-Tech (cyclic-activated sludge Technology), provided by an Austria-based company, SFC Environmental Technologies Ltd. This technology is extensively used for treating domestic sewage and industrial effluents to the highest possible quality, at a low cost and by using minimum space. Though C-Tech is being used in over 30 plants countrywide, it is for the first time it is being used in the Telangana state by the Water Board. The technology used here with low investment and used 50% less power to get six times better 'outlet' characteristics. The HMWS&SB is using the STP to alleviate pollution in the Musi under the (NRCD) phase-I. People living in Rajendranagar, Attapur, Puranapul, Nayapul, Bahadarpua and nearby localities can breathe fresh air as the stench would

vanish after treatment at the Attapur STP. The treated water could be used for agriculture and recycle applications like gardening. HMWS&SB is working hard to give the society a green and clear environment. Manger Ms. Ranjitha and her total team were very cooperative and explained each and every facilities clearly to our students/ Interns. Total 120 students and Interns have participated in this visit. The faculty coordinators were Dr, Jnana Ranjan Khuntia, Dr. Kamalini Devi, Sri E. Maheshwar Reddy and Sri G. Vishwanath, Assistant Professors, Department of Civil Engineering, CBIT (A).



Fig. 14: Glimpses of Industrial Visit at STP Attapur

Date: 15.06.2023 (Day-15)

Valedictory Session

A Valedictory ceremony for the internship program was conducted in N-Block Seminar hall at CBIT, Hyderabad on 15th June 2023. The program was started by welcoming the Principal and Patron Prof. P. Ravinder Reddy, IQAC Director, Prof. N V Koteswara Rao, Dr. K. Jagannadha Rao, Head-CED and Chiarman SASWRM-2023, Prof. U. K. Chaudhury, Advisor I&I, Dr. Jnana Ranjan Khuntia, Dr. Kamalini Devi, Assistant Professors, Convenors SASWRM 2023 at the stage. At First Director IQAC has addressed the gathering and motivated students for the internship and appreciated the initiation on good topic of internship. Head, CED has addressed the interns and congratulated all interns and appreciated the conveners & coordinators for successful completion of internship. Director I&I focused on the AICTE Idea lab aim and objectives in helping to give the scope for different events and appreciated the effort of civil

engineering department, Conveners and coordinators. Convener Dr. Kamalini has foregrounded on the concluding remarks of the internship. Convener Dr. Jnana Ranjan has announced the winners of best Projects, best performers of the internship program and delivered vote of thanks at the end. Three groups were awarded with best project with first/ second/ third prize and 15 participants were awarded with best performer award. Cash prizes and merit certificates were given to all awardees. 22 nos. of teaching and non-teaching staffs and 75 nos. of interns from CBIT and other institutions attended this valedictory program. During the valedictory session, Certificates were distributed to the interns upon the successful completion of the internship programme. Certificate of Achievement, Certificate of Appreciation and certificate of internship were distributed to the interns in the order of merit. Seven students did not meet the eligibility criteria of getting the certificate. Dr. N. V. Koteswara Rao, Director IQAC distributed the best project certificates to the winner groups. Total 67 interns have received their internship certificates and 8 interns have not met the minimum requirements to get the same. Feedback was taken from the interns on their recommendations for similar programs in future. The interns were very happy from the outcome of the internship.

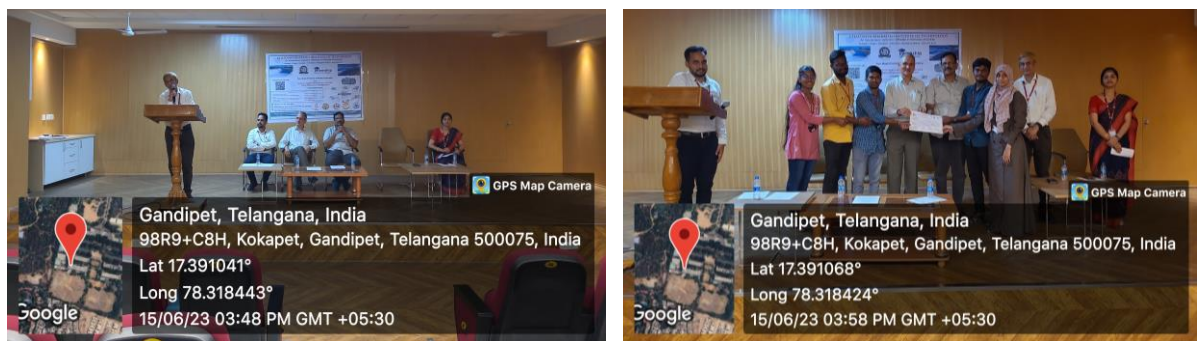


Fig. 15: Photo of valedictory Session and certificate/ Prize Distribution

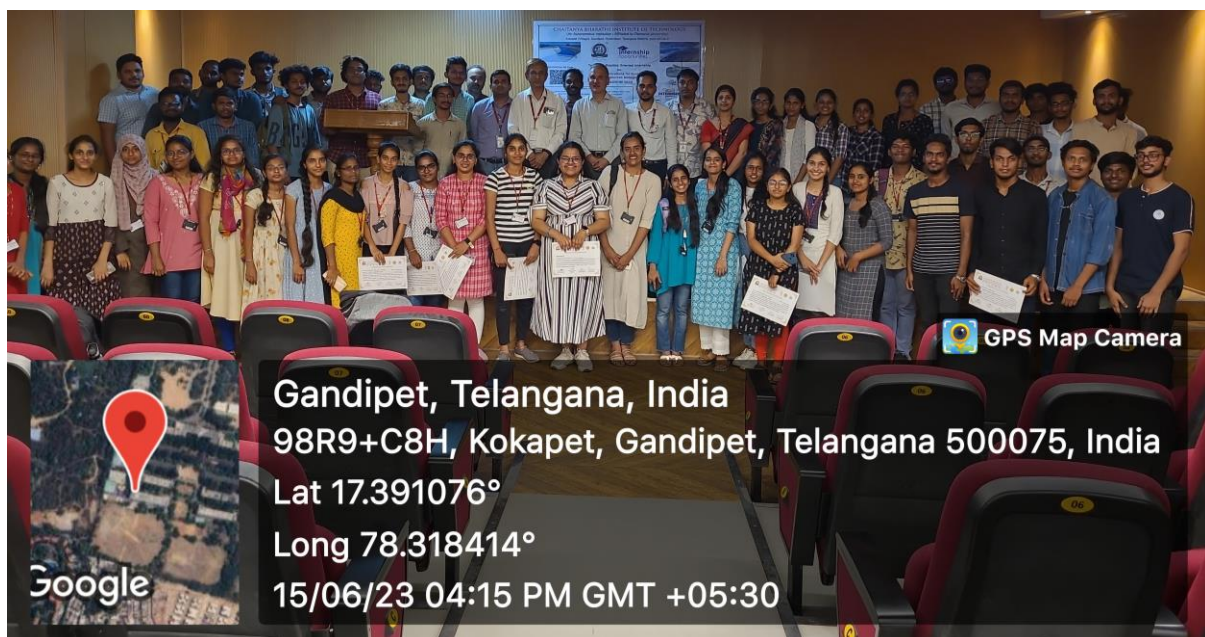


Fig. 16: Group photo after successful completion of valedictory ceremony-SASWRM 2023

Annexure

Registration Details:

Total Number of Registration: 75 and online registration amount received at STUDENTACTIVITIES Account: Rs. 90,000/- (= 75 nos.*Rs. 1200/-)

S. No.	Name of Intern	Institute Name	Mail id	Mobile	Transaction id
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63.	Mansi	VJIT (A), Hyderabad	mansiramru pee@gmail. com	6305296002	314390940803
64.	Puli.Vikesh	VJIT (A), Hyderabad	pulivikeshya dav@gmail. com	9347278240	T230523200955364 8885808
65.	Badam Nikhil	VJIT (A), Hyderabad	nikhilbadam 032@gmail. com	6301788919	314328910442
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67.	Korra Gouthami	VJIT (A), Hyderabad	gouthami92 6@gmail.co m	91 89789 21243	T230523203830048 0252395
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75.	Kammari Shivani	CBIT (A), Hyderabad: CHEM	shivanikam mari0@gma il.com	9346797982	T230528150036435 4357587

Registration Link and QR Code:

<https://forms.gle/CwzWWhoZ36wq3vWUHA>



REGISTRATION FEE

Rs. 1200/- per participant (includes Kit, hands-on, and Certificate)

For more Information, visit <https://sites.google.com/cbit.ac.in/saswrn-2023/home>

Brochure

<p>ABOUT THE INSTITUTE</p> <p>Chaitanya Bharathi Institute of Technology, established in the Year 1979, esteemed as the premier engineering institute in the states of Telangana and Andhra Pradesh. It is located in idyllic surroundings of Gandipet Lake, Hyderabad. The Institute, committed to education and innovation and over the 43 years, has emerged as a dream destination for students with a rewarding career and corporates to source well-rounded engineers. Best academic practices with quality education enabled the Institute to establish its identity in the Technical Education in both the Telugu Speaking States. The great learning experiences in the institute have enriched the lives of students and helped them to develop into a multi-skilled and multi-tasking personalities that ensured success in their careers and occupations. With the students being the singular objective, the institute has established excellent infrastructure such as state-of-the-art laboratories, spacious library with printed and digital collection of books and journals, sports, hostel, and other infrastructure for extra and co-curricular engagements with a total built-up area of about 57,714 m² in the serene ambience of 50 acres to inspire, encourage and pursue academics. In its relentless strive for Academic excellence, CBIT has scaled great heights both nationally and internationally in industry and global universities.</p> <p>ABOUT THE DEPARTMENT</p> <p>Civil Engineering Department of the institute started functioning right from the inception of the institute, in the year 1979. It has well qualified, experienced and dedicated faculty and committed supporting staff. Apart from giving their best in academics, the students of the department are highly enthusiastic & actively participate in various co-curricular & extra-curricular activities. The laboratories of the department are well equipped with advanced and sophisticated instruments, to fully satisfy the training needs of the students and research and consultancy needs of the department as well. The department offers one UG programme (Two Sections) and one PG Programme (Structural Engineering). Conducting seminars, workshops and conferences on the latest developments in civil engineering, arranging expert lectures and industrial</p>	<p>visits for the benefit of staff & students, is a regular feature in the department. The department also offers Consultancy Services for various Government and Private Agencies and has completed a good number of prestigious projects. It is a matter of great pride that this Department has submitted the draft for 'Water Policy' for the newly formed Telangana State.</p> <p>This academic year, CED has organised one 6-Day AICTE sponsored training program on "Crying need of Bridges" and an International Conference "ICACE2022" in collaboration with Universities abroad and India. An interdisciplinary (with Mechanical Engg Dept.) project worth Rs. 9.89 lakhs sanctioned by DRDO is under progress. In the current academic year, CED has published 21 research papers in reputed peer reviewed Journals/conferences. Also, one patent has been granted and one is published. Students of the department are equally good in extracurricular & Co-curricular activities and received some awards as well.</p> <p>ABOUT THE AICTE IDEA LAB OF CBIT</p> <p>The aim of AICTE IDEA Lab in CBIT is to provide all facilities for conversion of an idea into a prototype. With these facilities in the campus, more students and faculty are being encouraged to take up creative work. In this process, students and faculty are getting trained on creative thinking, problem solving, collaboration etc. The IDEA Lab of CBIT is headed by Principal & Professor Dr. P. Ravinder Reddy, who is the chief mentor. The program is being actively guided by Dr. UK Choudhury, Director I & I. Dr. BVS Rao and Dr. P. Sathish are coordinators. We also have strong team of four Technical Guru's. The IDEA lab at CBIT is equipped with 15 3-D Printers, 50 Robotic Kits. About 600 Students have already undergone training for Digital Fabrication using 3-D Printers and IoT prototype development. So that they become technically capable and confident to convert idea into prototype. Presently the IDEA Lab at CBIT is also trying to reach schools and industries in and around Hyderabad, to train and motivate the students to use IDEA Lab in CBIT.</p> <p>IMPORTANT DATES</p> <p>Registration Deadline 28 May 2023 Confirmation mail 28 May 2023 Internship 29 May to 15 June 2023</p>	<div style="text-align: center;">  <p>CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) Kichapet Vilagati, Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in</p>  </div> <p>Two-week Practice oriented Internship On Software Applications for Sustainable Water Resources Management (HYBRID MODE) 29th May to 15th June 2023</p> <div style="text-align: center;">    </div> <p>Organized by DEPARTMENT OF CIVIL ENGINEERING In Association with AICTE Idea Lab Chaitanya Bharathi Institute of Technology (Autonomous) Affiliated to Osmania University Accredited by NAAC-UGC and NBA-AICTE ISO 9001:2015 Certified Institution Gandipet, Hyderabad-75 (TS), India</p>
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ABOUT THE INTERNSHIP

This internship is an excellent platform for students and researchers to gain knowledge on applications of different computational tools in Water Resources Engineering. Theoretical knowledge is not solely sufficient to work in real-field problems. Therefore, this internship mainly focuses on hands-on training on computational flow modelling, Application of artificial intelligence in discharge assessment, remote sensing application, satellite image processing, realistic problems in water supply / distribution system and its solution, Hydrograph studies in flood routing, Rainfall-runoff simulation, Scouring depth prediction, which require an intense knowledge of relevant software and their working. Assessment will be done on a given project related to real-field application thereby enhancing the ability of the participants in carrying out its application in the future research. The proposed internship will be handled by experts from resource persons from universities of national repute and Industries.

WHO CAN ATTEND

Students (UG & PG)
Research Scholars

VENUE

Department of Civil Engineering, CBIT (A), Gandipet, Hyderabad, 500075

REGISTRATION LINK/ QR Code

<https://forms.gle/Cw2WHoZ36wq3VWUHA>



REGISTRATION FEE

Rs. 1200/- per participant (includes Kit, hands-on, and Certificate)

Limited seat up to 60 nos. Register first to book your seat.

For more Information, visit

<https://sites.google.com/cbit.ac.in/saswrm-2023/home>

CONTACT

Dr. Jnana Ranjan Khuntia, Asst. Prof.

Email: jnanaranjan_civil@cbit.ac.in

Phone: 7978868061

Sri Ramanarayan Sankruti, Asst. Prof.

Email: ramanarayan_civil@cbit.ac.in

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ORGANISING COMMITTEE

Patron

Prof. P. Ravinder Reddy

Principal, CBIT (A)

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Dr. K. Jagannadha Rao

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Department of Civil Engineering, CBIT (A)

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Dr. Jnana Ranjan Khuntia

Assistant Professor

Department of Civil Engineering, CBIT (A)

Dr. Kamalini Devi

Assistant Professor

Department of Civil Engineering, CBIT (A)

Coordinators

Sri E. Maheshwar Reddy, Assistant Professor

Sri Ramanarayan Sankruti, Assistant Professor

Dr. Angshuman Das, Assistant Professor

Dr. B. V. S. Rao, Coordinator, AICTE IDEA Lab CBIT

RESOURCE PERSONS

1. Prof. Kishanjit Kumar Khatua
Professor and Dean (AR), NIT Rourkela
2. Dr. Bhabani Shankar Das
Assistant Professor, NIT Patna
3. Mr. Mane S R Rohith
Manager (engg), Shivam section
Sub division -3, O&M Division -5, HMWS&SB
4. Dr. Kamalini Devi
Assistant Professor, CBIT (A), Hyd
5. Sri Ramanarayan Sankruti
Assistant Professor, CBIT (A), Hyd
6. Mr. Ketan Kumar Nandi
Ph.D. Scholar, IIT Guwahati
7. Mr. Sarjati Sahoo
Ph.D. Scholar, NIT Rourkela
8. Sri Bijay Ketan Mohanta
Scientist C, Central Ground Water Board,
Southern Region, Hyderabad

REGISTRATION FORM

For

Two-week Practice oriented Internship

On

Software Applications for Sustainable

Water Resources Management

(HYBRID MODE)

(29th May-15th June, 2023)

Name: _____

Designation: _____

Semester and Year: _____

Institute: _____

Mailing Address: _____

Contact Number with STD Code

(Office): _____

(Mobile): _____

Email ID: _____

Transaction Id.: _____

Bank: _____, Date: _____

Signature: _____

QR code for registration fee:



Merchant Name : CBITSTUDENTACTIVITIES

Mobile Number : 8466997204

Steps to Pay UPI QR Code
Open UPI app > Select Tap to Pay > Scan QR Code > Enter Amount

Note: The participants are requested to mention the subject name as "Registration Fee for Internship SAWRE-2023" during payment.

Poster



Two-Week Practice Oriented Internship on Software Applications for Sustainable Water Resources Management (SASWRM-2023)

REGISTRATION QR Code



₹ 1200/- Per Participant (Includes Kit, Hands on & Certificate)

Internship topics are not limited to :

- Computational flow modeling
- Application of artificial intelligence in discharge assessment
- Remote sensing application and satellite image processing
- Realistic problems in water supply / distribution system and its solution
- Hydrograph studies in flood routing
- Rainfall-runoff simulation
- Scouring depth prediction
- River Health Management
- Groundwater problems and solutions

29th May to 15th June 2023

Department of Civil Engineering, CBIT (A), Gandipet

For more Information Visit the below link
<https://sites.google.com/cbit.ac.in/saswrm-2023/home>



For any Queries please contact: Dr. Jnana Ranjan Khuntia, Asst. Prof., Email: jnanaranjan_civil@cbit.ac.in, Phone: 7978868061 and Sri Ramanarayan Sankruti, Asst. Prof., Email: ramanarayan_civil@cbit.ac.in, Phone: 9704802049

Any other relevant information/document

Chaitanya Bharathi Institute of Technology (A), Hyderabad-75
Department of Civil Engineering

Two-Week Practice Oriented Internship
on
Software Applications for Sustainable Water Resources Management
(SASWRM-2023)

Internship Timings: 9 am to 12 noon (FN) and 1pm to 4pm (AN): Total 6 hours per day

Program Schedule: 18 Hours of Live Sessions

S. No	Resource Person	Topic name	Date	Duration
1.	Er. Mane S R Rohith Manager (Engg), Shivam section Sub division -3, O&M Division -5, HMWS&SB	Water Distribution: Issues and Solutions	29-05-2023	2 hours (FN)
2.	Dr. Bhabani Shankar Das Assistant Professor, NIT Patna	Application of Artificial Intelligence in Flow Assessment	29-05-2023	2 hours (AN)
3.	Dr. Bhabani Shankar Das Assistant Professor, NIT Patna	Flood Routing by using HEC-RAS	30-05-2023	2 hours (FN)
4.	Mr. Sarjati Sahoo Ph.D. Scholar, NIT Rourkela	Application of ANSYS Fluent for Turbulent Flow Modelling	31-05-2023	2 hours (FN)
5.	Sri Ramanarayan Sankriti Assistant Professor, CBIT (A), Hyderabad	Delineation of Catchment Boundary using Remote Sensing and GIS	01-06-2023	2 hours (FN)
6.	Prof. Kishanjit Kumar Khatua Professor and Dean (AR), NIT Rourkela	Methods of Computational Fluid Dynamics in Flow Modeling	02-06-2023	2 hours (FN)
7.	Mr. Ketan Kumar Nandi Ph.D. Scholar, IIT Guwahati	Application of Google Earth Engine in River Health Management	05-06-2023	2 hours (FN)
8.	Dr. Kamalini Devi Assistant Professor, CBIT (A), Hyderabad	Flow Modelling in Natural River System using Conveyance Estimation System	06-06-2023	2 hours (FN)
9.	Sri Bijay Ketan Mohanta Scientist C (Hydrogeology), Central Ground Water Board, Southern Region, Hyderabad	Ground Water Assessment	10-06-2023	2 hours (FN)

Certificate Sample Copy:

	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A) Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cb.it.ac.in			
				
CERTIFICATE OF INTERNSHIP				
This is to certify that Mr. <u>Ms. Teegalapally Chendana</u> , Roll no <u>160121802015</u> student of <u>CBIT(A), Hyderabad, 500075</u> has successfully completed with <u>A+</u> / A / B+ / B grade in the two-week practice oriented internship programme on "Software Applications for Sustainable Water Resources Management (SASWRM-2023)" from 29th May 2023 to 15th June 2023 (90 contact hours) at Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad organised by Department of Civil Engineering with the association of AICTE Idea Lab.				
 Dr. Jnana Ranjan Khuntia Assistant Professor Convener SASWRM 2023	 Dr. Umakanta Choudhury Professor Director I&I	 Dr. K. Jagannadha Rao Professor & Head Chairman SASWRM 2023	 Prof. P. Ravinder Reddy Principal, CBIT (A) Patron SASWRM 2023	

Feedback Form Sample Copy:

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
 Kakapee (Village), Gandipet, Hyderabad, Telangana - 500075
 www.cbti.ac.in
 Two-week Practice Oriented Internship
 On
Software Applications for Sustainable Water Resources Management (SASWRM-2023)
 During 29th May to 15th June 2023
 Organized By: Department of Civil Engineering
 In association with AICTE Idea Lab

FEEDBACK FORM

Intern's Name: Uppala Sankrita Year and Semester: 3rd B.Tech 2021
 Address: Uppala, Kamareddy, Manchil, Medak
 Email id: UppalaSankrita@gmail.com Mobile: 990122213
 Department: Civil Engineering Institute: CBTI

- Was the work a valuable experience in relation to your academic studies?
 Yes No
- Have you attended the internship regularly?
 Yes No
- Is evaluation done covering all the topics taught in the internship?
 Yes No
- Was the hands-on sessions enough to completion of our problem?
 Yes No
- Will the software learnt in the internship be helpful in solving real field problems? If yes, how?
 Yes, by giving the exact parameters for analysis of problem that we get from sites.
- Briefly note new skills, techniques and knowledge gained in this position.
We learned a software that are AutoCAD, MS EXCEL, GIS, HD-RAS, GIS and gisdata engine.
- How would you describe the overall internship experience?
It is a great opportunity to learn various software. Greatly and enjoyed our internship.
- Can this knowledge be helpful for carrying out your Mini and Major project?
 Yes No
- What have you learnt by visiting the Sewage Treatment Plant, Atapur of HMWS&D?
Steps involved in sewage, water and importance of sewage treatment plant.
- Are you satisfied with the resources, hospitality and infrastructure provided during the internship?
 Yes No
- Any other comments and suggestions for further improvements.
Students required the software very easily to understand every software.

Uppala Sankrita
Signature with Date

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
 Kakapee (Village), Gandipet, Hyderabad, Telangana - 500075
 www.cbti.ac.in
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 During 29th May to 15th June 2023
 Organized By: Department of Civil Engineering
 In association with AICTE Idea Lab

FEEDBACK FORM

Intern's Name: C. Jagannath Year and Semester: 4th B.Tech
 Address: Kothicottapalle (Rtg) - Kamareddy Dist - Kamareddy (Dist)
 Email id: Jagannathc1990@gmail.com Mobile: 990122213
 Department: Civil Engineering Institute: CBTI

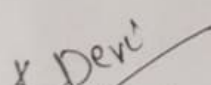
- Was the work a valuable experience in relation to your academic studies?
 Yes No
- Have you attended the internship regularly?
 Yes No
- Is evaluation done covering all the topics taught in the internship?
 Yes No
- Was the hands-on sessions enough to completion of our problem?
 Yes No
- Will the software learnt in the internship be helpful in solving real field problems? If yes, how?
 Yes, by giving the exact parameters for analysis of problem that we get from sites.
- Briefly note new skills, techniques and knowledge gained in this position.
AutoCAD, MS EXCEL, GIS, HD-RAS, GIS and gisdata engine.
- How would you describe the overall internship experience?
It is a great opportunity to learn various software. Greatly and enjoyed our internship.
- Can this knowledge be helpful for carrying out your Mini and Major project?
 Yes No
- What have you learnt by visiting the Sewage Treatment Plant, Atapur of HMWS&D?
The Methods to Sewerage, Wastewater used in various industries.
- Are you satisfied with the resources, hospitality and infrastructure provided during the internship?
 Yes No
- Any other comments and suggestions for further improvements.
Let us visit better if the software provided in internship available to learn after internship period.

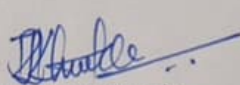
C. Jagannath
Signature with Date

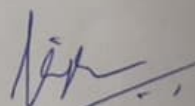
Prepared by:

Convener: Dr. Jnana Ranjan Khuntia

Coordinator: Sri Ramanarayan Sankrithi


 Dr. Kamalini Devi
 Assistant Professor
 Convener
 SASWRM-2023


 Dr. Jnana Ranjan Khuntia
 Assistant Professor
 Convener
 SASWRM-2023


 Dr. K. Jagannadha Rao
 Professor and Head
 Chairman
 SASWRM-2023

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
 GANDIPET, HYDERABAD - 500 075

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

Gandipet, Hyderabad - 500075

Report on

One day Workshop on Modern Concrete and Retrofitting Techniques

(In association with UltraTech Cement)

10th February 2023

Department of Civil Engineering CBIT organized a one-day workshop on "modern concrete and retrofitting techniques" in collaboration with UltraTech cement On the occasion of the inauguration of the student chapter of the Indian Concrete Institute.



Prof. P. Ravinder Reddy, Dr K Jagannadha Rao, Er. Mehar Rajendra, Er. N. Srinivas Rao, Ms. Aishwarya Gupta, Dr K Srikanth during the inaugural session

Prof. P. Ravinder Reddy, principal CBIT welcomed the participants and through light on the role of skills in the growth of students. In his remarks to the participants, Professor K. Jagannadha Rao outlined the department's activities in research and consultancy. He also uttered the importance of these kinds of activities for the overall development of the students. ICI student chapter coordinator Dr K Srikanth mentioned the significance of Indian Concrete Institute in today's constructional development. The workshop is conducted in hybrid mode which attracted more than 130 students from different institutes in the states of Telangana and Andhra Pradesh with physical participation of 90 students. The gathering was addressed by the most experienced individuals, Er. Mehar Rajendra the Quality control head, at Ultratech Ready Mix, Ultratech Cement along with Er. N. Srinivas Rao the regional head Technical Services at

UltraTech Cement, Telengana and Ms. Aishwarya Gupta from NVLN Construction Pvt Ltd, Hyderabad. The speakers shared their experiences and knowledge among students regarding next generation concrete, concrete deterioration causes with remedies, deterioration of concrete Structures and overview of strengthening techniques.

Er. Mehar Rajendra, QC Head at UltraTech Ready Mix Concrete, gave an experienced lecture on "Next Generation Concrete" in which he introduced many different concrete types and also gave a case study on one of his experiences addressing the issue of honeycombs in concrete caused by improper compacting. Honeycombs are hollow spaces and cavities left on the surface or inside the mass of concrete where concrete could not reach. These appear to be honey bee nests. The main causes of honeycombs in concrete are improper vibration and concrete workability. He also spoke about Freeflow Plus concrete, which does not need to be compacted because it finds its way through the reinforcements and compacts on its own. He also discussed Aquaseal by UltraTech, an innovative waterproofing solution that transforms concrete from a hydrophilic sponge to a hydrophobic, waterproof construction material. Sir also mentioned that UltraTech now provides many facilities for small scale projects, such as Ultratech Zip, which is ready to pour concrete available in 12L buckets. To provide a consistent quantity of concrete for a wide range of applications, this concrete is made with thoroughly tested raw materials and a scientific mix design.

The following lecture was delivered by Er. N. Srinivas Rao, Regional Head of Technical Services at UltraTech Cement. The topic of the lecture was "Concrete Deterioration - Causes and Remedies." He briefly described the numerous challenges that civil engineers face during and after construction. During the construction of a facility, there must be many factors to consider. The atmospheric conditions, climatic conditions, concrete ratios, using appropriate water for mortar and cementing works, and checking its turbidity, quality, and quantity. Cement is a critical component in building, and having the best quality with appropriate compositions of other raw materials will result in the best and longest-lasting buildings. He also explained that in order to reduce the deterioration attack on concrete, no foreign materials should be used. He went on to explain concrete corrosion, concrete cancer, sulphate attacks, and other topics. Sir then walked the students through a very interesting case study in which he addressed a great hotel that was deteriorating and the owner did not want to affect productivity and thus wanted the work done in 7 days, the work was huge because the entire ceiling was subject to a lot of problems and could completely fall at any time. However, the work was completed in a week and was a huge success, as the team removed the debris, applied an anti-corrosive coating, and

applied an anti-corrosive coating, and built a steel shutter after the shuttering was removed. Students were also captivated by this lecture. Instead of ignoring these issues, they learned how to address them.

Ms. Aishwarya Gupta of NVLN Construction Pvt Ltd, Hyderabad, followed. Delivered a presentation on Concrete Structure Deterioration and an Overview of Strengthening Techniques. She focused more on the fundamentals of retrofitting techniques and how concrete is deteriorated by time and harmful environmental conditions in that talk. They have also shown and explained some of the case studies that they have completed. Students were actively participated during the session.



Er. Mehar Rajendra presentation on new generation concrete



Participants during the session



Felicitation of Er. N. Srinivas Rao



Group photo

A handwritten signature in black ink, appearing to be 'S. Srinivas Rao', written over a horizontal line.

Head, CED

DEPARTMENT OF CIVIL ENGINEERING
CHAITANYA BRARADI INSTITUTE OF TECHNOLOGY
GANDIPET, HYDERABAD - 500 075

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
GANDIPET, HYDERABAD- 500075**

DEPARTMENT OF CIVIL ENGINEERING

REPORT ON WORKSHOP

“BASICS OF PROJECT MANAGEMENT AND APPLICATIONS ON PRIMAVERA”

on 1st February 2023

Introduction about CEA:

The CEA of Dept. of CE started functioning from 23rd Nov 1983 with Dr. K Nagi Reddy as the president & Dr. S. Ramaswami Reddy as staff advisor of the association under the principal ship of Dr.V Malakonda Reddy Garu and inaugurated by Sri V Raghavan, Chief Engineer (general) R&B Dept. AP. Head of the Civil Dept. is the chairman and all the faculty of Civil Engg. Dept. are the members of the association by default and Faculty also sokeen interest to organize & motivate students to participate. It has been very active in organizing seminars, workshops, expert lectures and other technical programmes involving Engineers of repute from industry, Academicians and Researchers. The activities of CEA have also been promoting students to develop organizational skills and managerial capabilities.

The aim of the association are two folds:

- To improve the technical & scientific background of the students
- To provide forum for the students and also staff of the college from where a support could be built with the engineers, managers & specialists of various Civil Engineering organizations and Institutes.

Falling in line with the objectives of association, successive staff advisors/coordinators have played their role in providing the platform for organization of technical sessions like workshop, seminar and guest lectures etc.

About the Workshop:

With the raising needs of proper planning and effective execution in the construction industry, a Civil Engineer must be aware of Project Management and Primavera. To make students aware of it's importance, the Civil Engineering Association of CED, CBIT organised a workshop on Basics of Project Management and Applications in Primavera.

This software is widely used in the construction industry to plan, prioritize, and execute projects, programs, and portfolios while maintaining schedules, staying within budget, allocating resources, and ensuring quality. As a civil engineer, learning about Primavera is essential for staying current in the field. Objective of this workshop stood to provide an opportunity for engineers to learn about various tools and techniques for using Primavera effectively.

Organizing committee:

Chairperson: Dr. K. Jagannadha Rao, Professor & Head

Convener: Dr. Jnana Ranjan Khuntia and Dr. Angshuman Das, Assistant Professors, CED

Student President: M. Vinay

Student Vice President: Harshavardhan Vyas Ambati

Student coordinators: Puchala Sri Harshitha Reddy and Sucharitha Chalamalla

About the Speaker:

Mr. Srinivas Prasad

Project Manager, Dhrumataru Consultants Pvt. Ltd, Hyderabad

He completed his B.E. in Civil Engineering in 2007 and M.E. in Construction Engineering and Management in 2009 from Osmania University. After completion of M.E. he worked in several companies in different roles having different responsibilities. Starting a career as an Engineer, he worked also as a CAD Engineer, Project Engineer, Project Lead and currently working as a Project Manager. Through his career he focus on learning different tools and become an expert on Project Management Tools, Plant design tool, CAE Tools along with 3D and 2D CAD Tools. He has an excellent grip on demonstrating the tools in a classroom environment. He is highly focused on impart the basic concepts to fellow participants through a unique way of presentation.

Brief about Session 1: The following topics are covered by the speaker

- Basics in project management.
- Types of projects:- BOD,BOT,PPP.
- Introduction of primavera.
- OBS-organisational breakdown structure
- EPS-Enterprise project structure
- WBS-work breakdown structure
- CPM-critical path method
- RL-breakdown structure
- EPS-Enterprise project structure
- WBS-work breakdown structure
- CPM-critical path method
- RL-resource levelling
- EVA-earned value analysis.

Brief about Session 2: The following topics are covered by the speaker

- Applications of project management.
- Project management.
- Program management.
- How to use tools in the primavera.
- Describing about WBS

Participant Details:

Total number of participants: 27

S No	NAME	YEAR	COLLAGE	CONTACT NO.	E-MAIL ID
1	CH.SUCHARITHA	3rd	CBIT	9182240755	sucharithachalamalla15@gmail.com
2	PRATHEK REDDY	3rd	CBIT	8340949018	Pratheek.thandra@gmail.com
3	SRIKAR SANAKA	3rd	CBIT	9494699000	sanakasrikar@gmail.com
4	PRANAY REDDY	3rd	CBIT	9392447749	pranayreddy1322003@gmail.com
5	SRUJAN CHADA	3rd	CBIT	7093039976	Shrujan.chada@gmail.com
6	VISHWAJITH REDDY	3rd	CBIT	7337364702	viswajith01@gmail.com
7	DHANUSH CHEGURI	3rd	CBIT	8688815118	dhanushcheguri081@gmail.com
8	POLADI POOJITHA	3rd	CBIT	9515210826	poojithapoladi06@gmail.com
9	JAIVANTH KUMAR .G	4th	CBIT	9618258094	jaikumar.g96@gmail.com
10	GAJJALA RAKSHITH	3rd	CBIT	9949102290	rakshithreddy2323@gmail.com
11	SAKESH REDDY	2nd M-Tech	CBIT	8886608949	sakeshreddyakuri@gmail.com
12	ASAM CHANDRA MOHA	3rd	JNTU-AN	8978808061	bcmreddy3110@gmail.com
13	JATIN SUHAS	3rd	CBIT	7013361511	Suhasjatin@gmail.com
14	CH.CHENNA REDDY	3rd	CBIT	9515652559	reddychenna264@gmail.com
15	SHASHANK REDDY	3rd	CBIT	8977171116	Shashankreddy158@gmail.com.
16	POOJITHA	3rd	CBIT	9391319215	poojithagoud122333@gmail.com
17	MOHD.TABREZ	3rd	CBIT	9000717862	mohdtabrez1446@gmail.com
18	THRIVENI KOMMULA	3rd	CBIT	7013608666	thrivenikommula81@gmail.com
19	MADHUMITHA REDDY	3rd	CBIT	9347385504	vallakondamadhumitha@gmail.com
20	K.PRATHYUSHA	2nd	CBIT	9949992532	prathyushayadav2532@gmail.com
21	CH.VISHWA	2nd	CBIT	9014695735	chidruppavishwa@gmail.com
22	K.MUKTESH	2nd	CBIT	9010723666	kmukteshchary@gmail.com
23	SANA FIRDAUSE	2nd	CBIT	8331053623	sanafirdaus1111@gmail.com
24	R.DEEKSHITHA	2nd	CBIT	6281653350	deekshitharagam03@gmail.com
25	SNEHA	2nd	CBIT	8247608759	snehasalendra@gmail.com
26	G.SUPRIYA	3rd	CBIT	7780511868	golisupriya21@gmail.com
27	S.BHARGAVI	2nd	CBIT	9908440206	shettybhargavi1234@gmail.com

Feedback from Participants:

The overall feedback was good and

The feedback from Participants is taken as shown in the below sheet.

[Feedback on workshop](#)

Sponsor Details:

The workshop on Basics of Project Management and Applications on Primavera organized by Civil Engineering Association of CBIT was sponsored by Mr. G. Ranga Reddy Garu, GRV Constructions, Kothapet, Hyderabad. Sir is an alumni of CBIT and extended his support by giving a fund Rs 5000/- for expenses exclusively for this workshop.

GRV Constructions has been finishing up the projects undertaken within time along with supreme quality. They've experienced, well-qualified engineers on and off site to ensure safety during construction period and in the service period too.



Fig. 1: Logo of sponsor of the workshop conducted by CEA

Conclusion:

The workshop was taken forward by the awesome lecture given by Mr. Srinivas Prasad, Project Manager, Dharmataru Consultants Pvt Ltd. Participants were able to concentrate throughout and grab fundamentals of Project Management and Applications on Primavera. This installed a chance in the brains of participants to be well-organised before the beginning of a project itself. This workshop also enabled attendees to know various levels at industry level and brought idea about their career. The workshop was concluded with vote of thanks given by student coordinator Sri Harshitha. It has been an interactive session and at the end of the day, objectives were met.

ANNEXURES:

List of Participants:

S No	NAME	YEAR	COLLAGE	CONTACT NO.	E-MAIL ID
1	CH.SUCHARITHA	3rd	CBIT	9182240755	sucharithachalamalla15@gmail.com
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4	PRANAY REDDY	3rd	CBIT	9392447749	pranayreddy1322003@gmail.com
5	SRUJAN CHADA	3rd	CBIT	7093039976	Shrujan.chada@gmail.com
6	VISHWAJITH REDDY	3rd	CBIT	7337364702	viswajith01@gmail.com
7	DHANUSH CHEGURI	3rd	CBIT	8688815118	dhanushcheguri081@gmail.com
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10	GAJJALA RAKSHITH	3rd	CBIT	9949102290	rakshithreddy2323@gmail.com
11	SAKESH REDDY	2nd M-Tech	CBIT	8886608949	sakeshreddyakuri@gmail.com
12	ASAM CHANDRA MOHAJ	3rd	JNTU-AN	8978808061	bcmreddy3110@gmail.com
13	JATIN SUHAS	3rd	CBIT	7013361511	Suhasjatin@gmail.com
14	CH.CHENNA REDDY	3rd	CBIT	9515652559	reddychenna264@gmail.com
15	SHASHANK REDDY	3rd	CBIT	8977171116	Shashankreddy158@gmail.com.
16	POOJITHA	3rd	CBIT	9391319215	poojithagoud122333@gmail.com
17	MOHD.TABREZ	3rd	CBIT	9000717862	mohdtabrez1446@gmail.com
18	THRIVENI KOMMULA	3rd	CBIT	7013608666	thrivenikommula81@gmail.com
19	MADHUMITHA REDDY	3rd	CBIT	9347385504	vallakondamadhumitha@gmail.com
20	K.PRATHYUSHA	2nd	CBIT	9949992532	prathyushayadav2532@gmail.com
21	CH.VISHWA	2nd	CBIT	9014695735	chidruppavishwa@gmail.com
22	K.MUKTESH	2nd	CBIT	9010723666	kmukteshchary@gmail.com
23	SANA FIRDAUSE	2nd	CBIT	8331053623	sanafirdaus1111@gmail.com
24	R.DEEKSHITHA	2nd	CBIT	6281653350	deekshitharagam03@gmail.com
25	SNEHA	2nd	CBIT	8247608759	snehasalendra@gmail.com
26	G.SUPRIYA	3rd	CBIT	7780511868	golisupriya21@gmail.com
27	S.BHARGAVI	2nd	CBIT	9908440206	shettybhargavi1234@gmail.com

POSTER:



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in

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RESEARCH,
INNOVATION AND
EDUCATION

44
years

DEPARTMENT OF CIVIL ENGINEERING
In collaboration with Civil Engineering Association (CEA)
presents

WORKSHOP
ON
BASICS OF PROJECT MANAGEMENT AND
APPLICATIONS IN PRIMAVERA

REGISTRATION FEE: Rs 150 PER HEAD

STUDENT CONTACT:
HARSHITHA : 8688286682
SUCCHARITHA : 9182240755

DATE : 1st FEBRUARY, 2023
VENUE : CBIT

WORKSHOP BROCHURE

WHO CAN ATTEND

Students (UG & PG)
Faculty Members
Research Scholars
Consultants and Industry Professionals

VENUE

Seminar Hall, CBIT (A), Gandipet, Hyderabad, 500075

ORGANISING COMMITTEE

Patron

Dr. P. Ravinder Reddy
Principal, CBIT (A)

Chairperson

Dr. K. Jagannadha Rao
Professor & Head
Department of Civil Engineering, CBIT (A)

Convenors

Dr. Jnana Ranjan Khuntia
Assistant Professor
Department of Civil Engineering, CBIT (A)
Dr. Angshuman Das
Assistant Professor
Department of Civil Engineering, CBIT (A)

REGISTRATION LINK

<https://docs.google.com/forms/d/e/1FAIpQLScaqB8wBNi32BMmL1-GVwW7pOm6UakvqC4xvDKWkqhVYP-hOw/viewform>



REGISTRATION

Rs. 150/- per participant

CONTACT

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STUDENT CONTACTS:

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Sucharitha: 9182240755



CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)
Kokapet (Village), Gandipet, Hyderabad, Telangana-500075. www.cbit.ac.in

Accredited by NAAC, NBA, AICTE, SAAC, NIF, ISO Certified 9001:2015

One day Workshop

Under the banner of Civil Engineering Association (CEA)

On

Basic Principles of Project Management
and
Applications of Primavera

1st February 2023



Organized by

DEPARTMENT OF CIVIL ENGINEERING

Chaitanya Bharathi Institute of Technology
(Autonomous)

Affiliated to Osmania University
Accredited by NAAC-UGC and NBA-AICTE
ISO 9001:2015 Certified Institution
Gandipet, Hyderabad-75 (TS), India

ABOUT COLLEGE

Chaitanya Bharathi Institute of Technology, established in the Year 1979, esteemed as the premier engineering institute in the states of Telangana and Andhra Pradesh. It is located in idyllic surroundings of Gandipet Lake, Hyderabad. The Institute, committed to education and innovation and over the 43 years, has emerged as a dream destination for students with a rewarding career and corporates to source well-rounded engineers. Best academic practices with quality education enabled the Institute to establish its Identity in the Technical Education in both the Telugu Speaking States. The great learning experiences in the institute have enriched the lives of students and helped them to develop into a multi-skilled and multi-tasking personalities that ensured success in their careers and occupations. With the students being the singular objective, the institute has established excellent infrastructure such as state-of-the-art laboratories, spacious library with printed and digital collection of books and journals, sports, hostel, and other infrastructure for extra and co-curricular engagements with a total built-up area of about 57,714 m² in the serene ambience of 50 acres to inspire, encourage and pursue academics. In its relentless strive for Academic excellence, CBIT has scaled great heights both nationally and internationally in industry and global universities.

ABOUT THE DEPARTMENT

Civil Engineering Department of the institute started functioning right from the inception of the institute, in the year 1979. It has well qualified, experienced and dedicated faculty and committed supporting staff. Apart from giving their best in academics, the students of the department are highly enthusiastic & actively participate in various co-curricular & extra-curricular activities. The laboratories of the department are well equipped with advanced and sophisticated instruments, to fully satisfy the training needs of the students and research and consultancy needs of the department as well. The department offers one UG programme (Two Sections) and one PG Programme (Structural Engineering). Conducting seminars, workshops and conferences on the latest developments in civil engineering, arranging expert lectures and industrial visits for the benefit of staff & students, is a regular feature in the department. The department also offers Consultancy Services for various Government and Private Agencies and has completed a good number of prestigious projects. It is a matter of great pride that this Department has submitted the draft for 'Water Policy' for the newly formed Telangana State.

This academic year, CED has organised one 6-Day AICTE sponsored training program on "Crying need of Bridges" and an International Conference "ICACE2022" in collaboration with Universities abroad and India. An interdisciplinary (with Mechanical Engg Dept.) project worth Rs. 9.89 lakhs sanctioned by DRDO is under progress. In the current academic year, CED has published 21 research papers in reputed peer reviewed Journals/ conferences Also, one patent has been granted and one is published. Students of the department are equally good in extracurricular & Co-curricular activities and received some awards as well.

TOPICS TO BE COVERED IN THE WORKSHOP

1. Basics Principles of Projects Management
2. Industrial Applications of Primavera
3. Primavera-Hands-on Experience

OBJECTIVES OF THE WORKSHOP

This training programme is intended to enable the participants

1. To understand and appreciate advance application used in construction industry.
2. To get used to with the basics of Primavera application.
3. To gain exposure to construction management and its versatile application in different industries.

ABOUT THE SPEAKER

Mr. Srinivas Prasad

Project Manager, Dhramataru Consultants Pvt. Ltd, Hyderabad

He completed his B.E. in Civil Engineering in 2007 and M.E. in Construction Engineering and Management in 2009 from Osmania University. After completion of M.E. he worked in several companies in different roles having different responsibilities. Starting a career as an Engineer, he worked also as a CAD Engineer, Project Engineer, Project Lead and currently working as a Project Manager. Through his career he focus on learning different tools and become an expert on Project Management Tools, Plant design tool, CAE Tools along with 3D and 2D CAD Tools. He has an excellent grip on demonstrating the tools in a classroom environment. He is highly focused on impart the basic concepts to fellow participants through a unique way of presentation.

PHOTOGRAPHS:



Fig 1: Chairperson and Conveners giving memento to the speaker, Mr Srinivas Prasad



Fig 2: Chairperson addressing the participants



Fig 3: Speaker during session



Fig 4: Chairperson, Conveners and the speaker interacting with the participants

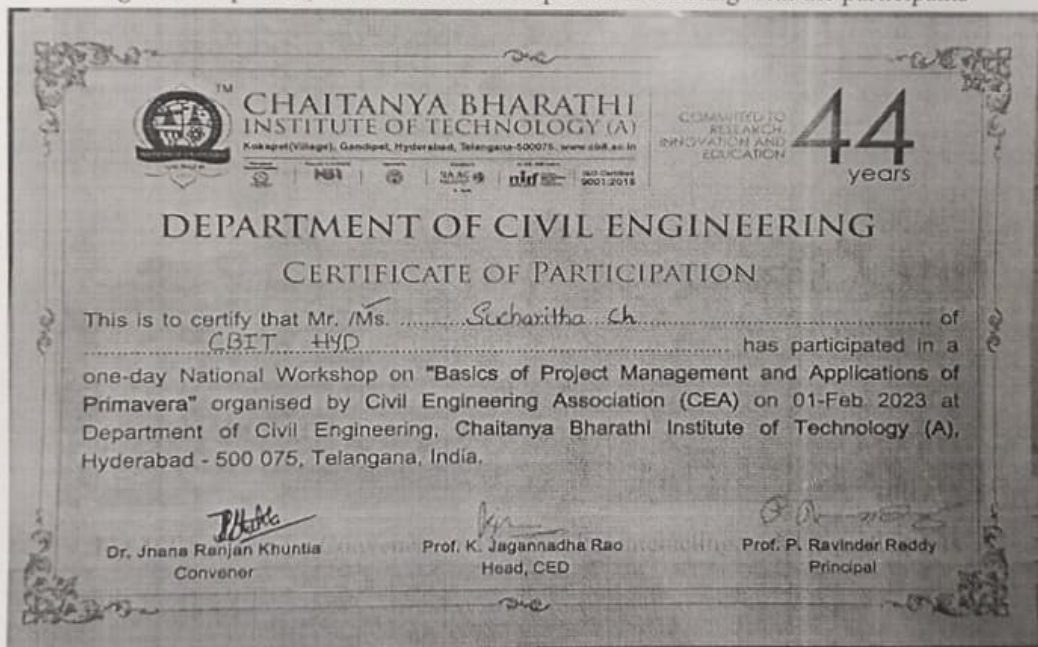


Fig 5: Sample of Certificate of participation

Report Prepared By: Sri Harshitha and Sucharitha, Student Coordinators

Angshuman Das
Dr. Angshuman Das
Co-convener

Jnana Ranjan Khuntia
Dr. Jnana Ranjan Khuntia
Convener

P. Ravinder Reddy
Head, CED

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