



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

(An ISO: 9001-2015 Certified Institution)

Recognized by UGC under Section 2(f) & 12(B) and Accredited with NBA (EEE, ECE, CSE & CIVIL) & NAAC with 'A' Grade
APPROVED BY AICTE, NEW DELHI
VIDYANAGAR, PRODDATUR-516 360, KADAPA Dt., A.P.

EEE -BOS MINUTES OF THE MEETING

The Second Minutes of the Meeting of BOS for the Department of EEE held online mode on 15 July 2023 between 04.00 P.M to 05:00 P.M for the Academic year 2023-2024 in the department to discuss the agenda notified earlier.

The following members were present to the meeting through the Zoom App. The link was sent to their respective mail ids.

Zoom link: <https://us04web.zoom.us/j/74598217670?pwd=JrMKis412JS3vJupBtGpWPTJsekZjm.1>

BOS Members committee for Department of EEE

S.NO	Name	Designation	Category
1	Dr.S. Sooriya Prabha	HOD	Chairman
2	Dr .P.Sujatha	Professor & Principal, Department of EEE, JNTUCEA, Anantapuramu, 515002, A.P, India psujatha1993@gmail.com	Expert nominated by Vice - Chancellor
3	Dr.D.M.Vinod Kumar	Professor, Department of EEE , NIT, Warangal, Telangana dmvk@nitw.ac.in,vinodkumar.dm@gmail.com	External Subject Expert
4	Dr. Ch. Chengaiah	Professor , Department of EEE, SVU College of Engineering SV University Tirupathi , A.P-517502 chinthapudisvu@gmail.com	External Subject Expert
5	Mr. N. Vara Prasad	Assistant Professor Dept. of EEE CBIT, Proddatur.	Member
6	Mr S. Chand Basha	ADE, APSPDCL, Kadapa	Industrial Expert
7	Mr C. Vinay	Software Engineer , Infosys	Alumni

Proceedings:

Under the Chairmanship of Dr. S. Sooriya Prabha, HOD, EEE Department, the Second Meeting of the EEE BOS with its constituted members for the Academic year 2023-2024 started at 04.00 P.M. The Coordinator, Dr. S. Aslam gave a warm welcome to all the members present. Later, the board of studies meeting held smoothly in consideration with the agenda.

AGENDA:

1. To discuss on the course structure and the syllabi of Third Semester
2. To discuss on the course structure and the syllabi of Fourth Semester
3. To discuss other matters with the permission of the chair, if any.

Resolutions Passed: -

Item No: 1. Discussion on the first semester subjects

The expert members had gone through in detail on the Third semester syllabi and recommended some reforms like renaming 'Solar Energy Systems' with 'Renewable energy systems' by incorporating a few chapters on Wind Energy Generation & 'Electrical Design & Workshop Lab' with 'Electrical Design & Workshop'. The approved course structure is attached to the Annexure1 file.

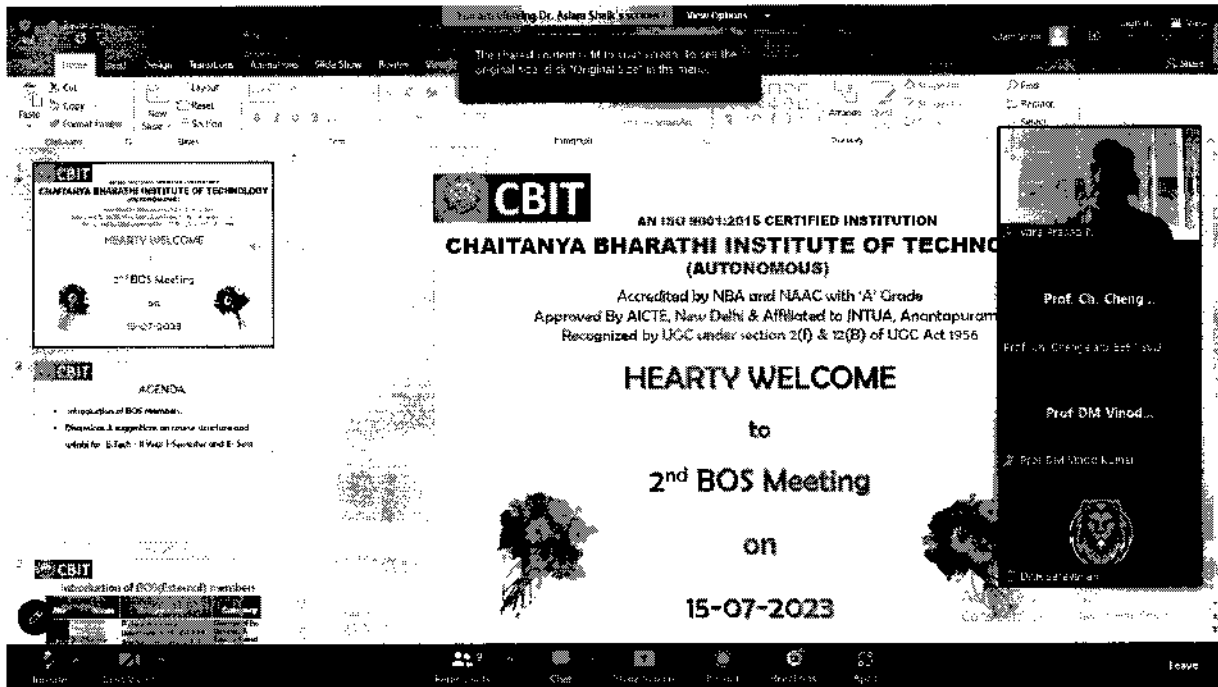
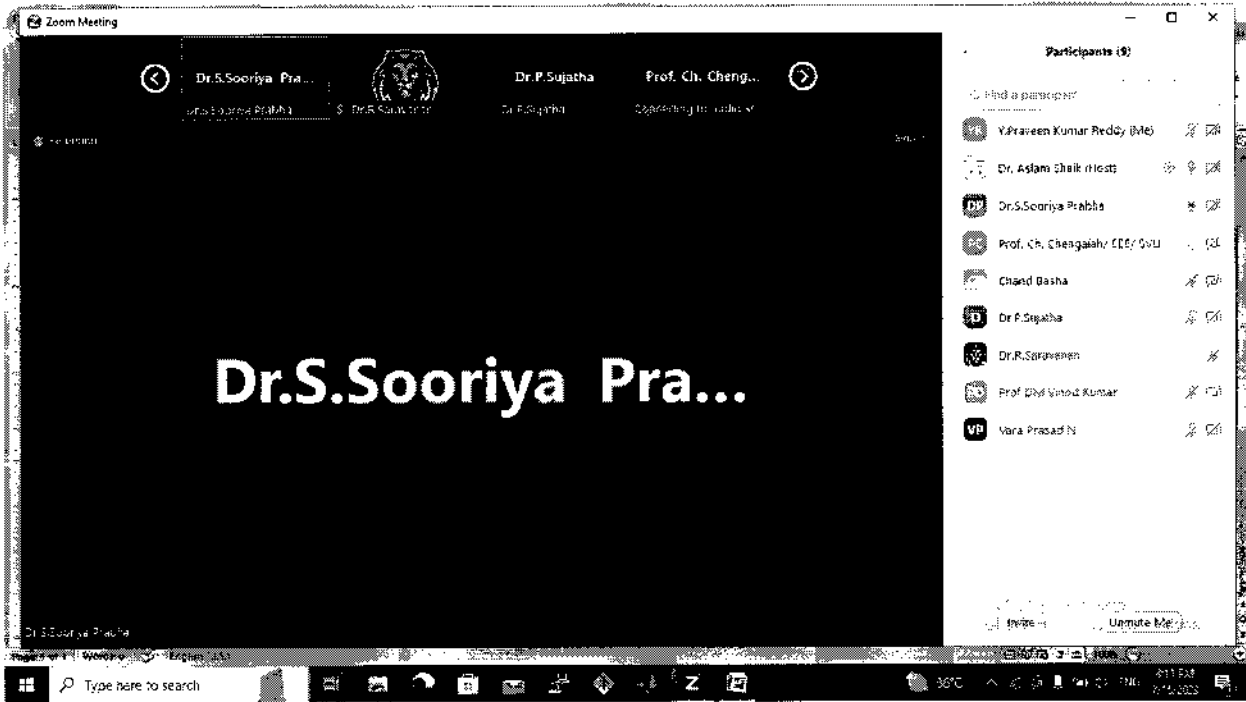
Item No: 2. Discussion on the second semester subjects

The expert members had gone through elaborately on the Fourth semester syllabi and recommended reforms like accommodating 'Electromagnetic Field theory' into Third semester instead of Fourth semester and Combine 'Analog electronics' & 'Digital Electronics' into One Subject as 'Analog & Digital Electronics'. The approved course structure is attached to the Annexure1 file.

Item No: 3. Discussion on other matters with the permission of the chair

The Chairman observed that all the members had contributed greatly in discussing and approving the above resolution and finalizing the syllabus of Third & Fourth semester. The meeting concluded with a Vote of thanks by Dr. S. Aslam, thanking all the subject experts and members of Academic council. Finally, The Chairman ended the meeting with a big thanks to all the Experts and faculty members for the smooth conduction of virtual meeting.

Glimpses of Virtual Meet held on 15 July 2023 @ 04:00 PM



You are viewing Dr. Adam Shah's profile View Options

Overall BOS members

S.NO	Name	Designation	Category
1	Dr.S. Soortga Prabha	HOD	Chairman
2	Dr .P.Sujatha	Professor & Principal, Department of EEE, INTUCEA, Anantapuramu, 518002, A.P, India	Expert nominated by Vice -Chancellor
3	Dr. D.M. Vinod Kumar	Professor, Department of EEE, NIT, Warangal, Telangana	External Subject Expert
4	Dr. Ch. Chengaiah	Professor, Department of EEE, SVU College of Engineering SV University Tirupathi, A.P-517502	External Subject Expert
5	Mr. N. Vara Prasad	Associate Professor Dept. of EEE, CBIT, Proddatur.	Member
6	Mr S. Chand Basha	DEE, APSPDCL, Kadapa	Industrial Expert
7	Mr C. Vinay		Alumni

Prof. Ch. Cheng...
Prof. Ch. Chengaiah, EEE/SVU
Prof DM Vinod...
Prof DM Vinod Kumar
Mr C. Vinay

You are viewing Dr. Adam Shah's profile View Options

MEMBERS OF THE ACADEMIC COUNCIL

Category	Nominees of the University
Members Senior Faculty of the EEE Dept	Dr. R. Saravanan, Professor, Dept of EEE, CBIT
	Dr. S. Aslam Associate Professor, Dept of EEE, CBIT
	Mr. Y. Praveen Kumar Reddy Associate Professor, Dept of EEE, CBIT
	Mr. P. Nagarjuna Associate Professor, Dept of EEE, CBIT

Prof. Ch. Cheng...
Prof. Ch. Chengaiah, EEE/SVU
Prof DM Vinod...
Prof DM Vinod Kumar
Mr C. Vinay

CBIT **EEE II B.Tech I Sem Syllabus**

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00301T	Complex Variables & Transforms	3	-	-	3	3	30	70	100
2.	22E02301T	Solar Energy Systems	3	-	-	3	3	30	70	100
3.	22E04301T	Analog Circuits	3	-	-	3	3	30	70	100
4.	22E02302T	DC Machines & Transformers	3	-	-	3	3	30	70	100
5.	22E02303T	Electrical Circuit Analysis	3	-	-	3	3	30	70	100
6.	22E02303L	Electrical Circuit Analysis Lab	-	-	3	3	1.5	30	70	100
7.	22E04301L	Analog Circuits Lab	-	-	3	3	1.5	30	70	100
8.	22E02302L	DC Machines & Transformers Lab	-	-	3	3	1.5	30	70	100
9.	22E023045C	Electrical Design & Workshop Lab	1	-	2	3	2	30	70	100
10	22E00301M C	Constitution of India	3	-	0	3	0	30	-	30
Total:			19	-	11	30	21.5	300	630	930

CBIT **EEE II B.Tech II Sem Syllabus**

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00402T	Numerical Methods & Probability Theory	3	-	-	3	3	30	70	100
2.	22E04302T	Digital Logic Design	3	-	-	3	3	30	70	100
3.	22E02401T	Electromagnetic Field Theory	3	-	-	3	3	30	70	100
4.	22E02402T	AC Machines	3	-	-	3	3	30	70	100
5.	22E00403T	Managerial Economics & Financial Analysis	3	-	-	3	3	30	70	100
6.	22E04302L	Digital Logic Design Lab	-	-	3	3	1.5	30	70	100
7.	22E02302L	AC Machines Lab	-	-	3	3	1.5	30	70	100
8.	22E02403L	Circuit Simulation & Analysis using PSPICE Lab	-	-	3	3	1.5	30	70	100
9.	22E05401S C	Application development with Python	1	-	2	3	2	30	70	100
10	22E00101M C	Universal Human Values	3	-	-	3	3	30	70	100
Total:			19	-	11	30	24.5	300	700	1000
Internship 2 Months (Mandatory) during summer vacation										
Honors/Minor courses (The hours distribution can be 3-0-2 or 3-1-0 also)			4	0	0	4	4	30	70	100

Zoom Meeting 40-Minute

Participants (10)

Y.Praveen Kumar... Dr.S.Sooriya Pra... Prof. Ch. Cheng... Vara Prasad N

CBIT APSCHE Framework

Semester IV (Second year)

S.No	Category	Code	Course Title	Hours			Credits
				L	T	P	
1	Engineering Science Courses			2	0	0	3
2	Basic Science Courses (Not core course)			1	0	0	3
3	Professional Core courses			2	0	0	3
4	Professional Core courses			1	0	0	3
5	Humanities and Social Sciences			2	0	0	3
6	Engineering Science Course - Prof Core (Elective/Innovative (L.A.S))			0	0	3	1.5
7	Professional Core courses (L.A.S)			1	0	0	1.5
8	Professional Core courses (L.A.S)			1	0	0	1.5
	Skill oriented course*			1	0	0	2
				Total credits			21.5
Internship 2 Months (Mandatory) during summer vacation							
Hones/Minor courses (The hours distribution can be 3 0 2 or 2 1 0 also)				4	0	0	4

Category	CREDITS
Basic Science Courses	3
Professional Core Courses	9
Engineering Science Courses	4.5
Skill oriented course*	2
Humanities and Social Sciences	3
TOTAL CREDITS	21.5

Participants (10)

- Y.Praveen Kumar Reddy (ME)
- Dr. Adam Shak (Host)
- Dr.S.Sooriya Prabha
- Prof DM Vinod Kumar
- Prof. Ch. Chengiah/ EEE/ SVU
- Vara Prasad N
- Sooriyaprabha S
- Charud Basha
- Dr.P.Sujatha
- Viney

35°C 4:41 PM 7/15/2023

Zoom Meeting 40-Minute

Participants (10)

Y.Praveen Kuma... Prof DM Vinod... Dr.S.Sooriya Pra... Vara Prasad N Dr.P.Sujatha

THANK YOU

Participants (10)

- Y.Praveen Kumar Reddy (ME)
- Dr. Adam Shak (Host)
- Dr.S.Sooriya Prabha
- Prof DM Vinod Kumar
- Prof. Ch. Chengiah/ EEE/ SVU
- Vara Prasad N
- Charud Basha
- Dr.P.Sujatha
- Sooriyaprabha S
- Viney

35°C 4:41 PM 7/15/2023

Members Present

S.NO	Name	Designation	Category	Signature
1	Dr.S. Sooriya Prabha	HOD	Chairman	Virtual mode
2	Dr .P.Sujatha	Professor & Principal, Department of EEE, JNTUCEA, Anantapuramu, 515002, A.P, India psujatha1993@gmail.com	Expert nominated by Vice - Chancellor	Virtual mode
3	Dr. D.M. Vinod Kumar	Professor, Department of EEE , NIT, Warangal, Telangana dmvk@nitw.ac.in,vinodkumar.dm@gmail.com	External Subject Expert	Virtual mode
4	Dr. Ch. Chengaiah	Professor , Department of EEE, SVU College of Engineering SV University Tirupathi , A.P-517502 chinthapudisvu@gmail.com	External Subject Expert	Virtual mode
5	Mr. N. Vara Prasad	Assfirstant Professor Dept. of EEE CBIT, Proddatur.	Member	Virtual mode
6	Mr S. Chand Basha	DEE, APSPDCL, Kadapa	Industrial Expert	Virtual mode
7	Dr. R. Saravanan	Professor Dept. of EEE CBIT, Proddatur	Internal Subject Expert	Virtual mode
8	Dr. S. Aslam	Associate Professor Dept. of EEE CBIT, Proddatur	Internal Subject Expert	Virtual mode
9	Mr. Y. Praveen Kumar Reddy	Assistant Professor Dept. of EEE CBIT, Proddatur.	Internal Subject Expert	Virtual mode
10	Mr C. Vinay	Software Engineer , Infosys	Alumni	Virtual mode



HOD

HEAD, Dept. of EEE

Chaitanya Bharathi Institute of Technology

(Autonomous)

Vidyanagar, PRODDATUR, Y.S.R. (Dt.) A.P.-516360



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(Autonomous)

Vidyanagar, PRODDATUR, Y.S.R. (Dt.) A.P.-516360

Annexure :1

COURSE STRUCTURE (R22)

II B. Tech – I Semester

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00301T	Complex Variables and Transforms	3	-	-	3	3	30	70	100
2.	22E02301T	Electromagnetic Field Theory	3	-	-	3	3	30	70	100
3.	22E02302T	DC Machines & Transformers	3	-	-	3	3	30	70	100
4.	22E02303T	Electrical Circuit Analysis	3	-	-	3	3	30	70	100
5.	22E02304T	Renewable Energy Sources	3	-	-	3	3	30	70	100
6.	22E02302L	DC Machines & Transformers Lab	-	-	3	3	1.5	30	70	100
7.	22E02303L	Electrical Circuit Analysis Lab	-	-	3	3	1.5	30	70	100
8.	22E02306L	Electronic Devices & Circuits Lab	-	-	3	3	1.5	30	70	100
9.	22E02305SC	Electrical Design & Workshop	1	-	2	3	2	30	70	100
10	22E00304MC	Constitution of India	2	-	0	2	0	30	-	30
Total:			18	-	11	29	21.5	300	630	930

II B. Tech – II Semester

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00402T	Numerical Methods and Probability Theory	3	-	-	3	3	30	70	100
2.	22E04404T	Analog and Digital Electronics	3	-	-	3	3	30	70	100
3.	22E02401T	Electrical Power Transmission Systems	3	-	-	3	3	30	70	100
4.	22E02402T	AC Machines	3	-	-	3	3	30	70	100
5.	22E00405T	Managerial Economics and Financial Analysis	3	-	-	3	3	30	70	100
6.	22E04404L	Analog and Digital Electronics Lab	-	-	3	3	1.5	30	70	100
7.	22E02402L	AC Machines Lab	-	-	3	3	1.5	30	70	100
8.	22E02403L	Circuits Simulation And Analysis lab	-	-	3	3	1.5	30	70	100

9.	22E05301SC	Python Programming	1	-	2	3	2	30	70	100
10	22E00406T	Universal Human Values	3	-	-	3	3	30	70	100
Total:			19	-	11	30	24.5	300	700	1000
Community Service Project /Internship 2 Months (Mandatory) during summer vacation										
Honors/Minor courses (The hours distribution can be 3-0-2 or 3-1-0 also)			4	0	0	4	4	30	70	100



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EEE -BOS MINUTES OF THE MEETING

The first Minutes of the Meeting of BOS for the Department of EEE held online mode on 13 October 2022 between 02.00 P.M to 04:00 P.M for the Academic year 2022-2023 in the computer laboratory - 4 to discuss the Agenda notified earlier.

The following members were present to the meeting through the Google Meet. The link was sent to their respective mail ids.

Google Meet link: <https://meet.google.com/kov-jrdp-rjo>

BOS Members committee for Department of EEE

S.NO	Name	Designation	Category
1	Dr.S. Sooriya Prabha	HOD	Chairman
2	Dr .P.Sujatha	Professor & Principal, Department of EEE, JNTUCEA, Anantapuramu, 515002, A.P, India psujatha1993@gmail.com	Expert nominated by Vice - Chancellor
3	Dr.D.M.Vinod Kumar	Professor, Department of EEE , NIT, Warangal, Telangana dmvk@nitw.ac.in,vinodkumar.dm@gmail.com	External Subject Expert
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5	Mr. N. Vara Prasad	Assistant Professor Dept. of EEE CBIT, Proddatur.	Member
6	Mr S. Chand Basha	ADE, APSPDCL, Kadapa	Industrial Expert
7	Mr C. Vinay	Software Engineer , Infosys	Alumni

Proceedings:

Under the Chairmanship of Dr. S. Sooriya Prabha, HOD, EEE Department, the first Meeting of the EEE BOS with its newly constituted members for the Academic year 2022-2023 started at 02.00 P.M. At first, the Coordinator gave a warm welcome to all the members present. Later, the board of studies meeting held smoothly in consideration with the agenda.

AGENDA:

1. To seek advices for smooth execution of Autonomous.
2. To discuss on the course structure and the syllabi of first Semester
3. To discuss on the course structure and the syllabi of second Semester
4. To discuss other matters with the permission of the chair, if any.

Resolutions Passed:-

Item No: 1. Advices for smooth execution of Autonomous.

The experts guided about the credit system and outcome based education where every autonomous college has to take into consideration for developing syllabi. The experts has given valuable inputs for the smooth running of the Department.

Item No: 2. Discussion on the first semester subjects

The expert members had gone through in detail on the First semester syllabi and recommended reforms. The approved course structure is attached to the Annexure I file.

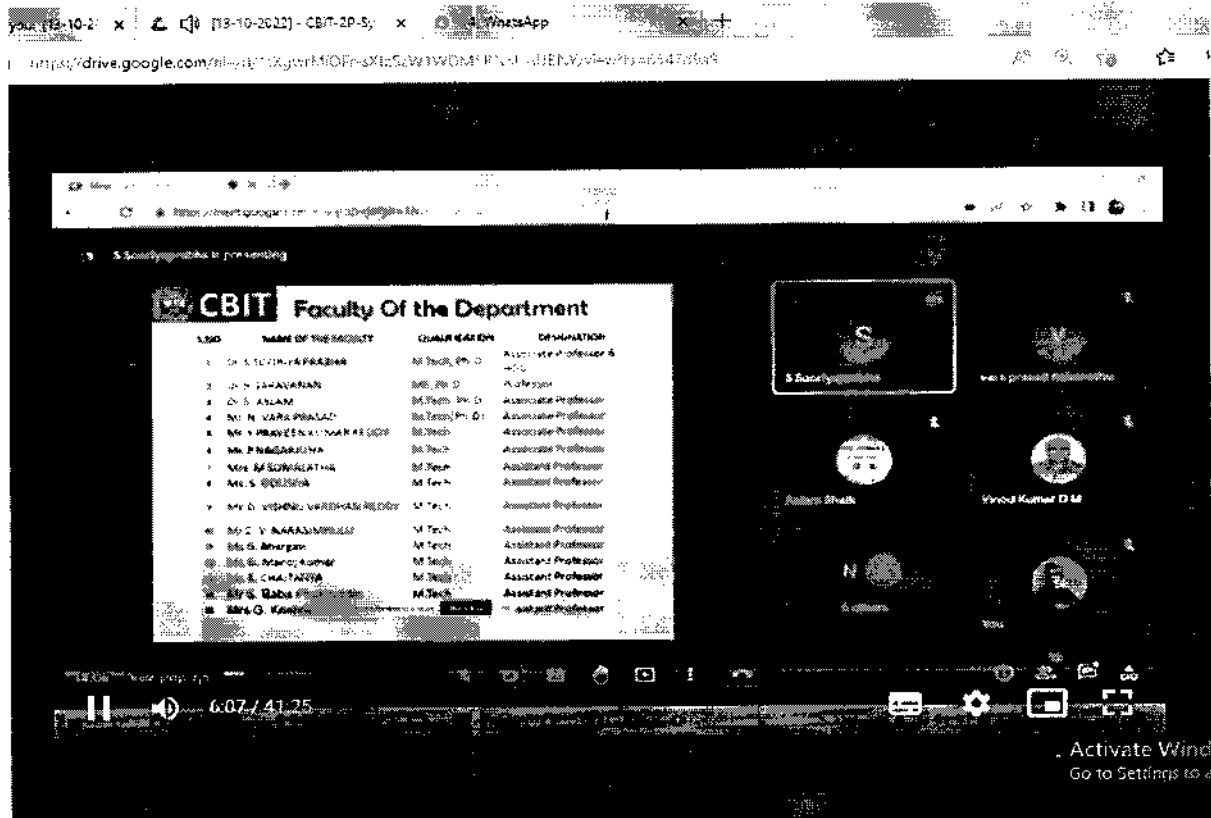
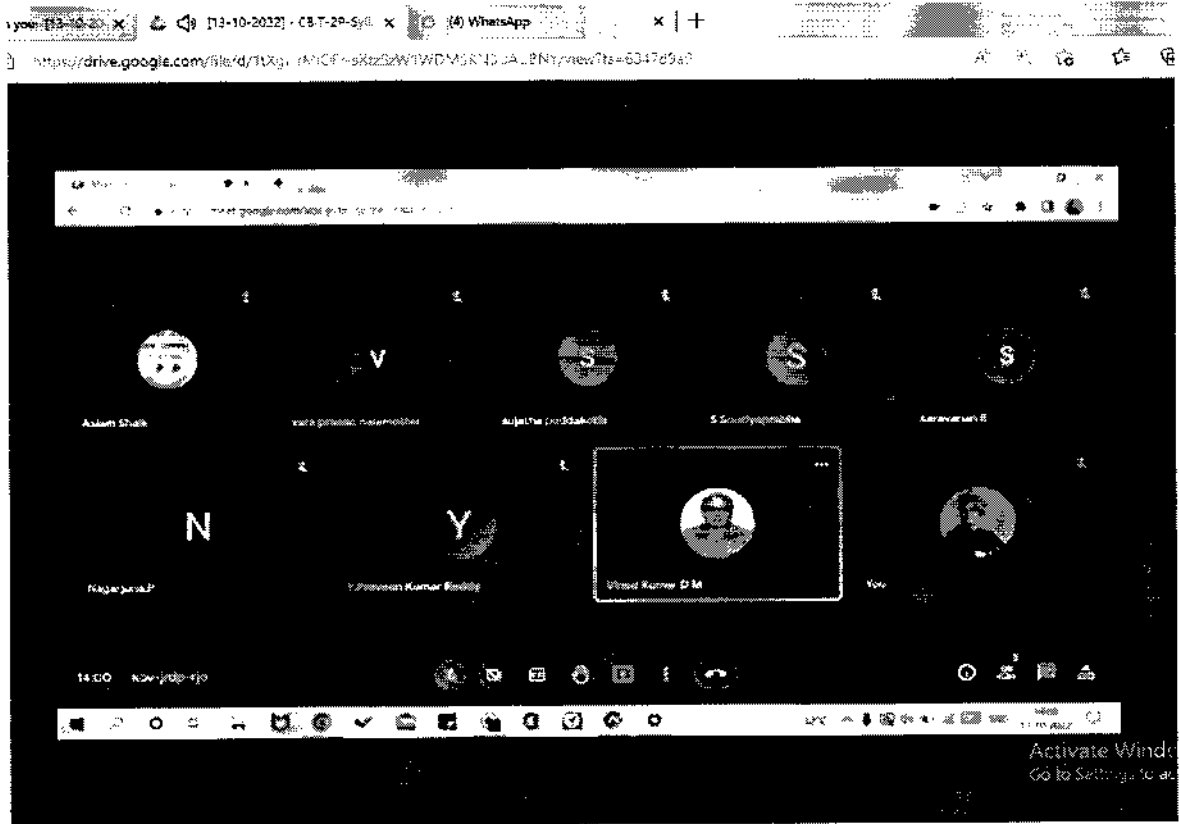
Item No: 3. Discussion on the second semester subjects

The expert members had gone through elaborately on the second semester syllabi and recommended reforms (Regarding Electrical circuits and Electrical circuit's lab). The approved course structure is attached to the Annexure I file.

Item No: 4. Discussion on other matters with the permission of the chair

The Chairman observed that all the members had contributed greatly in discussing and approving the above resolution and finalizing the syllabus of First & second semester. Also, guided the faculty members for the smooth functioning of department with autonomous status. The meeting concluded with the Chairman, thanking all the subject experts. She also thanked all the faculty members for the conduction of virtual meeting.

Virtual Meet held on 13 October 2022 @ 02:00 PM



Members Present

S.NO	Name	Designation	Category	Signature
1	Dr.S. Sooriya Prabha	HOD	Chairman	
2	Dr .P.Sujatha	Professor & Principal, Department of EEE, JNTUCEA, Anantapuramu, 515002, A.P, India psujatha1993@gmail.com	Expert nominated by Vice - Chancellor	Virtual Mode
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8	Dr. S. Aslam	Associate Professor Dept. of EEE CBIT, Proddatur	Internal Subject Expert	Virtual mode
9	Mr. Y. Praveen Kumar Reddy	Assistant Professor Dept. of EEE CBIT, Proddatur.	Internal Subject Expert	Virtual Mode
10	Mr C. Vinay	Software Engineer , Infosys	Alumni	Virtual



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6	Mr S. Chand Basha	ADE, APSPDCL, Kadapa	Industrial Expert	Virtual Mode
7	Dr. R. Saravanan	Professor Dept. of EEE CBIT, Proddatur	Internal Subject Expert	Virtual Mode
8	Dr. S. Aslam	Associate Professor Dept. of EEE CBIT, Proddatur	Internal Subject Expert	Virtual Mode
9	Mr. Y. Praveen Kumar Reddy	Assistant Professor Dept. of EEE CBIT, Proddatur.	Internal Subject Expert	Virtual Mode
10	Mr C. Vinay	Software Engineer , Infosys	Alumni	Virtual


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Annexure :1

(Course Structure & Syllabi)

COURSE STRUCTURE (R22)

I B. Tech – I Semester

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00101T	Linear Algebra & Multivariable Calculus	3	-	-	3	3	30	70	100
2.	22E00104T	Engineering Physics	3	-	-	3	3	30	70	100
3.	22E00103T	Communicative English	3	-	-	3	3	30	70	100
4.	22E05101T	C Programming and Data Structures	3	-	-	3	3	30	70	100
5.	22E03102T	Engineering Drawing	2	-	2	4	3	30	70	100
6.	22E00104L	Engineering Physics Lab	-	-	3	3	1.5	30	70	100
7.	22E00103L	Communicative English Lab	-	-	3	3	1.5	30	70	100
8.	22E05101L	C Programming and Data Structures Lab	-	-	3	3	1.5	30	70	100
Total:			14	-	11	25	19.5	240	560	800

I B. Tech – II Semester

Sl. No.	Course Code	Course Title	Contact Periods per week				Credits	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total Marks
1.	22E00201T	Differential Equations & Vector Calculus	3	-	-	3	3	30	70	100
2.	22E00102T	Engineering Chemistry	3	-	-	3	3	30	70	100
3.	22E02101T	Electrical Circuits	3	-	-	3	3	30	70	100
4.	22E02201T	Electrical Power Generating Systems	3	-	-	3	3	30	70	100
5.	22E04201T	Electronic Devices and Circuits	3	-	-	3	3	30	70	100
6.	22E00102L	Engineering Chemistry Lab	-	-	3	3	1.5	30	70	100
7.	22E03201L	Engineering & IT Workshop Lab	-	-	3	3	1.5	30	70	100
8.	22E02101L	Electrical Circuits Lab	-	-	3	3	1.5	30	70	100
9.	22E00101MC	Environmental Science	3	-	-	3	0	30	-	-
Total:			18	-	09	24	19.5	270	560	830