(Autonomous) Kokapet (Village), Gandipet, Hyderabad, Telangana – 500075 <u>www.cbit.ac.in</u>

**3.2.1.1:** Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

#### **ADDITIONAL INFORMATION**

S.no.	Item description	Page.no
1	Scheme for mobilization research	2-3
2	Orders for additional coordinators for research projects	4-112



#### **Additional Information**

years

3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (2) & 3.2.2 Percentage of teachers having research projects during the last five years (2) 3.2.4 Average Percentage of departments having Research projects funded by government and non-government agencies during the last five years

#### Scheme for Mobilizing Resources

As an established academic institution, CBIT maintains excellent rapport with several reputed both academic, R&D institutions and Industry and executed a good number of sponsored and consultancy projects on its own and also with collaboration. Resource mobilization is one of the key elements in our academic institute as it directly affects the ambitious Vision and Mission of the institute. Meticulous planning is made to generate the necessary funds in a timely costeffective manner. Once the sufficient resources are made available, the institute is bound to grow and make a mark not only at national level but also at international level also.

The main sources of funds are student fees. However, for meeting the upcoming requirements for research and teaching learning resources, maintaining the infrastructure the Institution intends to mobilizes its resources through:

- a) Funded projects from AICTE,
- b) Funded projects from DST Government of India and DST Telangana.
- c) Funds generated through consultancy offered,
- d) Industry linked laboratories,
- e) The Alumni, who also provide financial and non-financial support for various activities in the institute.
- f) Fee collected by conduct of FDP, conferences, workshops etc.

Some of the important achievements of CBIT in the area of Research, Innovation, Incubation, Academia and Industry Interaction and MoUs are as follows.

i. Established Research and Entrepreneurship HUB with the State-of - the- Art facility with a built-up area of 35000 Sq. Ft.

Page 1 of 2

Principal chaitanya Bharathi Iustitute of Technolo (Autonomous) Gandipet, Hyderabad-500 075.

- MSME Incubation Centre has been established ii.
- NITI Aayog has sanctioned funding for the establishment of ATAL Community iii. Innovation Centre (ACIC), a new initiative under Atal Innovation Mission (AIM). The Building with necessary infrastructure is established, the SPV, ACIC-CBIT Research and Entrepreneurship Foundation (Section 8 Company) has been Registered.
- CBIT allocated 3% of Annual Financial budget for the Innovation, Research and iv. Incubation activities.
- The Innovation and Incubation Policy of CBIT encourages the Students, Faculty, v. Start-up and MSME companies for Incubating their Ideas with ACIC or MSME Incubation centre.
- Collaboration with Cornel University and University of Pittsburgh for Artificial Heart vi. Development (CBIT has allocated a budget of Rs. 50 Lakhs and completed successfully).
- MoU with Curtin University, Australia for establishing a Centre of Excellence for vii. future Learning has been signed.
- MoU with Research and Innovation Circle of Hyderabad (RICH) for strengthening viii. Innovation and Incubation activities.
- MoU with NHAI to facilitate research projects in the latest trend in highway, ix. transportation sector and use of alternative resource material.
- CBIT is introducing AICTE approved academic programs in emerging areas like х. Artificial Intelligence, Machine Learning, Data Science, IoT and Cyber Security from the current academic year.
- CBIT has Faculties with wide Industrial and Research Experience. xi.
- CBIT's graduates have become successful Entrepreneurs in diversified Industrial xii. Sectors.
- Close liaison with Industry and Research Institutes with a number of MoUs is xiii. progressing with reputed Industries, Institutions and Organizations.
- CBIT has partnered with Energy Swaraj Foundation (ESF) under the aegis of AICTE xiv. and has been awarded an Appreciation Letter and a Certificate from ESF for Energy Literacy Drive by certification of 745 Students on Design of Home Solar system.

9. Aring

Principal Page 2 of 2 Chaitanya Bharathi Justitute of Technology (Autonomous) Gandipet, Hyderabad-500 075.



Date: 16 March 2021

Principal

#### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Coordinators based on subject area for the following sponsored project for the project period. This will come into effect immediately.

Title of the project: Establishment of Atal Community Innovation Centre (ACIC) Ref. No.: 15014/02/2021-AIM, Dated 16 Mar 2021

S. No	Name of the investigators	Additional Coordinators	Department
1		Dr Kiran Y V Dr Sanjeeb Kumar	Biotech
		Dr P. V. Naga Prapurna Dr. P. Madhuri	Chemical
	Dr. P Ravinder Reddy	Dr.A.Vani Dr.M.Ramana Reddy	ECE
	(Mechanical), Dr. Umakanta Choudhury (EEE), Dr. Y Rajasri (Biotech)	Sri. Ch. Harish	EEE
		Dr.BVS Rao Dr A.Kiran kumar	Mechanical
		Dr GNR Prasad Mr. M.Kalidas	MCA
		Dr. E. Jalaja Mr. V. Balaji Kesava Rao Mr. S. Tulasiram	SMS



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

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India

**&** 040-24193276, 79, 80

x principal@cbit.ac.in \$www.cbit.ac.in



Date: 2 September 2022

#### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Coordinators based on subject area for the following sponsored project for the project period. This will come into effect immediately.

Title of the project: AICTE-IDEA Lab

#### Ref. No: F. No.AICTE/IDEA202000260/2022, dated 2 Sept 2022

S. No	Name of the investigators	Additional Coordinators	Department
		<ol> <li>Dr.M.L.N.Charyulu</li> <li>Smt.B. Neeraja</li> </ol>	ECE
	-	3. Dr B. Krishna Chaitanya	EEE
	Dr. P. Pavinder Boddy	<ol> <li>Mr. M.Ramchander</li> <li>P.Krishna Prasad</li> </ol>	MCA
1	Dr. P Ravinder Reddy (Mechanical), 1 Dr. B V S Rao (Mechanical), Dr. P Sethick (ECE) Dr. M	<ol> <li>Dr. E. Jalaja</li> <li>Mr. V. Balaji Kesava Rao</li> <li>Mr. S. Tulasiram</li> </ol>	SMS
Dr. P Sathish (ECE), Dr. N V Phanendra Babu (EEE)	9. Dr V Aruna 10. Dr S Sumithra	Biotech	
	11. Dr P. V. Naga Prapurna 12. Dr. P. Madhuri	Chemical	
		<ol> <li>Dr. S. Shanmukharao Samatham</li> <li>Dr. A. Santosh Kumar</li> </ol>	Physics





Principal

x principal@cbit.ac.in @www.cbit.ac.in

12-05-2017

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Studies on the environmental radiation levels in the dwellings constructed under the double bed room housing schme at Erravalli and Narsannapet model villages of Telangana	Dr. B. Linga Reddy, Dr. B. Sreenivasa Reddy and Dr. K. Vinay Kumar Reddy	Physics	Dr C Obula Reddy (BIOTECH)

Principal



#### ORDERS

#### 30-12-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Development of Nanofoam based Plasmonic structures towards Photo-Electro Chemical Water- Splitting and CO 2 reduction	Dr. M Bhanu Chandra	ECE	Dr K Dharmalingam (BIOTECH)

#### **ORDERS**

30-12-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Exploring Magnetic, Magnetocaloric and Magnetoresistive properties of Ti (Fel- xCox)2	Dr. S Shanmukharao Samatham	Physics	Dr C Nagendranatha Reddy(BIOTECH)

0.01

Principal



08 Jan 2021

To Dr.M.Ravindra Kumar Scientist-G DLRL, Hyderabad kumarmvr@yahoo.com

Sir

Sub: Submission of Project Proposal – "Development of Software Modules for Spoofing IRNSS and Beidou Signals" – reg. Ref: Telephonic Conversations and discussions

Greetings from Chaitanya Bharathi Institute of Technology (CBIT) !!!

1

With reference to the technical discussions held, we hereby submit the Project Proposal on "Development of Software Modules for Spoofing IRNSS and Beidou Signals". Dr.A.D.Sarma, Professor, ECE Dept. and Director, R&D, CBIT is the Principal Investigator of the project. The main objective of the project is to develop software modules for spoofing IRNSS and Beidou signals. To fulfill the aim of the project, it is proposed to generate spoofing signals for Beidou and transmit both Beidou and IRNSS spoofed signals. Later, the performance of the developed spoofer application will be evaluated for its efficacy. Also, advanced spoofing detection algorithms for detecting IRNSS and Beidou spoofed signals will be developed. The project is proposed for a period of 30 months with a budget of 49.55 lakhs and four deliverables. The institute shall provide the necessary facilities for carrying out the project and ensure the deliverables as per schedule. Kindly do the needful to provide an opportunity to work on the proposed project.

Yours Sincerely

Dr.P.Ravinder Reddy Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

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

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),
- \* Ranga Reddy District, Hyderabad 500 075, Telangana, India
- 💊 040-24193276, 79, 80



### haitanya bharathi INSTITUTE OF TECHNOLOGY (A)

No.CBIT/Admn./2021

Dt.19.03.2022

#### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	Development of Nanofoam based Plasmonic structures towards Photo-Electro Chemical Water-Splitting and CO 2 reduction	Dr. M Bhanu Chandra	ECE	Dr. P.Prabhakara Reddy, Professor (Mech) Dr . P.V.Nga Prapurna, Professor, (Chemical Engg) Dr Y.Rajasri, Associate Professor (Biotech);

1

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Chaitanya Bharathi Institute of Technology (A)

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad 500 075, Telangana, India
- 💊 040-24193276, 79, 80
- 🔀 principal@cbit.ac.in 🔍 www.cbit.ac.in



No.CBIT/Admn./Mar 2022

Dt.21 March 2022

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
<b>1.</b>	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavlC System	Dr. D Krishna Reddy and Dr. A D Sarma Dr.P.Satish	ECE	Dr.M.Vinodh Kumar, Associate Professor (ECE), Dr.D.L.Srinivasa Reddy, Associate Professor (IT), Dr.N.Vasantha Gowri, Asst.Prof, (EEE)

1

Principal Principal Chaitanya Bharathi Institute of Technolog-(Autonomous) Gandipet, Hyderabad-500 075.

Chaitanya Bharathi Institute of Technology (A)

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India

**&** 040-24193276, 79, 80



22 Apr 2022

To Shri.Manish Kumar Scientist RCI, Hyderabad manish.kumar23@rcilab.in

Sir

Sub: Submission of Project Proposal - "Design of Compact Low Loss Rectangular to Cylindrical Iris Power Coupler for W-band Applications" - reg. Ref: Telephonic Conversations and discussions

Greetings from Chaitanya Bharathi Institute of Technology (CBIT) !!!

1

With reference to the technical discussions held, we hereby submit the Project Proposal on "Design of Compact Low Loss Rectangular to Cylindrical Iris Power Coupler for Wband Applications". Dr. Vinodh Kumar Minchula, Associate Professor, ECE Dept. and Research Coordinator is the Principal Investigator of the project. The main objective of the project is to design an iris power coupler between rectangular waveguide and cylindrical cavity to transfer the maximum power from the signal generator source to the load by minimizing the reflections. The project is proposed for a period of 18 months with a budget of 23.88 lakhs and four deliverables. The institute shall provide the necessary facilities for carrying out the project and ensure the deliverables as per schedule. Kindly do the needful to provide an opportunity to work on the proposed project.

Yours Sincerely

Dr.P.Ravinder Reddy Principal

Principal naitanya Bharathi Institute of Technolo, (Autonomous) Gandipet, Hyderabad-500 075.

Chaitanya Bharathi Institute of Technology (A)

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad 500 075, Telangana, India
- 💊 040-24193276, 79, 80



No.CBIT/Admn./Sep2017

#### Dt.19.09.2017

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	A Local Short Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	Dr. A. D. Sarma, Dr. N V Koteswara Rao and Dr. N Alivelu Manga	ECE	Dr.B.Suresh Babu, Professor, (EEE) Dr.T.Sridevi, Associate Professor (CSE) Dr.B.Veera Jyothi, Assistant Professor (IT)

1

Principal

Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.

Chaitanya Bharathi Institute of Technology (A)

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),
   Ranga Reddy District, Hyderabad 500 075, Telangana, India
- S 040-24193276, 79, 80
- 📩 principal@cbit.ac.in 🔍 www.cbit.ac.in



No.CBIT/Admn./ Oct 2022

Dt.15 Oct 2022

#### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	AICTE-IDEA Lab	Dr. P Ravinder Reddy (Principal), Dr. B V S Rao (MED), Dr. P Sathish (ECE) and Dr. N V Phanendra Babu (EEE)	Mechanical, ECE and EEE	Dr.Y.Ramadevi, Professor (CSE) Dr.M.Venugopala Chary, Associate Professor (IT) Dr.T.Murali Krishna, Associate Professor (EEE) Dr.MD.Aleem Pasha, Associate Professor (MED)

1

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Chaitanya Bharathi Institute of Technology (A)

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),
 Ranga Reddy District, Hyderabad - 500 075, Telangana, India

- **&** 040-24193276, 79, 80
- 🔀 principal@cbit.ac.in 🥯www.cbit.ac.in



No.CBIT/Admn./Mar 2022

Dt.21 March.2022

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps	Dr. A D Sarma, Dr. D L Sreenivasa Reddy and Dr. D Krishana Reddy	ECE	Dr.Sangeeta Gupta, Associate Professor,(CSE) Dr.P.Kowsthubha, Associate Professor,(EEE)

1

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderakad-500 075.

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

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad 500 075, Telangana, India
- S 040-24193276, 79, 80
- 🗙 principal@cbit.ac.in 🔍 www.cbit.ac.in



No.CBIT/Admn./Sep 2020

Dt.15 Sep 2020

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	Current Trend and emerging Advances Marine Navigation and Communication	Dr. D Krishna Reddy	ECE	Dr.K.Radhika, Professor, (IT) Dr.N.V.Phanendra, Babu, Asst.Prof, (EEE)

1

Principal

Principal Chaitanya Bharathi Institute of Technolow (Autonomous)

Gandipet, Hyderabad-500 000

Chaitanya Bharathi Institute of Technology (A)

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),
 Ranga Reddy District, Hyderabad - 500 075, Telangana, India

- 040-24193276, 79, 80
- 📩 principal@cbit.ac.in 🔍 www.cbit.ac.in



No.CBIT/Admn./Feb 2017

Dt.24 Feb 2017

#### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	Investigation of the Effects of Ionospheric Spatial decorrelation on Indian GBAS	Dr. N. V. Koteswara		Dr. K.Sagar, Professor (CSE) Dr. B.Suresh Kumar (EEE)

1

Principal Principal Chaitanya Bharathi Institute of Techno (Autonomous) Gandipet, Hyderabad-500 075.

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad 500 075, Telangana, India
- **&** 040-24193276, 79, 80
- 🗙 principal@cbit.ac.in 🔮www.cbit.ac.in

02-02-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Augumented reality/ virtual reliality	Ms. E Ramalakshmi	IT .	Dr B.Krishna Chaitanya (EEE)

Au Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderzbad-500 075.

07-08-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Development of Ceramic Coated Diesel Engine Fuelled with CNG and Biodiesel Blended	Dr. PVR Ravindra Reddy, HoD, Mechanical	Mechan ical	Sri D .Sathish(EEE)

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

08-02-2019

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	Dr.B Indira	MCA	Dr. N .Vasantha Gowri (EEE)

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

09-08-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavlC System	Dr. D Krishna Reddy and Dr. A D Sarma	ECE	Ms M.Deepti (EEE)

Principal

Principal Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Fyderabad-500 075.

10-09-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Molecular Manufacturing	Dr. N.V. Srinivasulu	Mechanical	Sri. G.Hari Krishna (EEE)

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, flyderabad-500 075,

#### ORDERS

11-09-2017

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Local Short Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	Dr. A. D. Sarma, Dr. N V Koteswara Rao and Dr. N Alivelu Manga	ECE ·	Dr K.Krishna Veni(EEE)

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

V

11-10-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigat ors with dept.
1	A Local Short Term Model for Forecasting lonospheric Scintillations for GNSS Applications over Indian Region	Dr. A. D. Sarma, Dr. N V Koteswara Rao and Dr. N Alivelu Manga	ECE	Sri. C.Srisaila m (EEE)

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Principal

12-05-2017

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigat ors with dept.
1	Studies on the environmental radiation levels in the dwellings constructed under the double bed room housing schme at Erravalli and Narsannapet model villages of Telangana	Dr. B. Linga Reddy, Dr. B. Sreenivasa Reddy and Dr. K. Vinay Kumar Reddy	Physics	Dr T.Muarali Krishna (EEE)

P.A.-no

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 C75.

#### ORDERS

#### 12-08-2019

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	AICTE FDP on Seismic and Wind loads on Buildings and applications of ETABS and ANSYS Fluent	Sri. A Balaji Rao	Civil	Sri Ch. Anil Bharadwaj (EEE)

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Nyderabad-500 075.

12-08-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Research Methodology and Statistical Data Analysis	Dr. MD. Aleem Pasha	Mechanical	Sri. Ch.Harish (EEE)

Principal **Principal** Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Ryderabad-500 075,

12-11-2015

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigat ors with dept.
1	Implementation of Composite Materials Wind Blades in Wind Mill	Mrs. L. Ramayee, Dr. P. Ravinder Reddy	Mechanical	Mr. P.Hemesh war Chary(EE E)

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

y.vel

14-03-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Studies on enhancement of the secondary metabolites in invitro through hairy roots and immobilized cell suspensions in medicinally important plant Achyranthes aspera	Dr G. Vijaya Laxmi	Bio- Technology	Sri. Ch.Harish (EEE)

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

20-12-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Exploring Magnetic, Magnetocaloric and Magnetoresistive properties of Ti (Fel-xCox)2	Dr. S Shanmukhara o Samatham	Physics	Ms. Sushma .D (EEE)

9A Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

21-02-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps	Dr. A D Sarma, Dr. D L Sreenivasa Reddy and Dr. D Krishana Reddy	ECE	Dr. P.Vijay Babu (EEE)

Principal Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.

23-02-2015

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Strength and durability studies on high strength recycled aggregate concrete	Dr. K. Jagannadha Rao	Civil	Sri.M.Tirupa taiah(EEE),

1

O.A.Principal

Gandipet, Hyderabad-500 075.

4. und

### Chaitanya Bharathi Institute of Technology(A) ORDERS (Draft) 23-03-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

for the pro	bject period. This will contra		Dept.	Additional
S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dop	investigat ors with dept.
1	Detecting Anomaly Pattern Sequences in Real Time Network	Dr. R. Ravinder Reddy	CSE	Dr. B.Suresh Kumar(EE E)
			0.0	A-mos Principal

8

Principal Chaitanyn Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 078.



23-12-2019

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
I	Non-destructive Testing Equipment for Strucural health monitoring of Reinforced concrete structures.	Dr. K Janganadha Rao, HoD, Civil, Dr. N.R.D Murthy (Civil)	Civil	Sri. I. Pranav (EEE)

2M

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

24-10-2017

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigat ors with dept.
1	Multifunction Frequency and Time-Domain Signal Analyzer for Testing and Performance Evaluation of Cellular and Navigation Components and Systems	Dr. N. V. Koteswara Rao and Dr. A D Sarma	ECE	Dr P.Kowstu bha (EEE)

1

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Principal

25-02-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavlC System	Dr. D Krishna Reddy and Dr. A D Sarma	ECE	Ms. B V Haritha (EEE)

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Principal

#### 26-03-2019

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	PRERANA	Dr. R. Ravinder Reddy	CSE	Smt. P. Naga Chaitanya (EEE)

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandlpet, Hyderabad-500 075.

26-08-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Development of a Wireless Peer- to-peer Network base for Managing IoT Edge Devices off Gateway Range	Dr. Y Rama Devi and Dr. T Sridevi	CSE	Dr. N Vasantha Gowri(EEE)

Principal Principal Chaitanya Eherathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

28-03-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigat ors with dept.
1	Studies on enhancement of the secondary metabolites in invitro through hairy roots and immobilized cell suspensions in medicinally important plant Achyranthes aspera	Dr G. Vijaya Laxmi	Bio-Technology	Dr PV Prasad(EE E)

V

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Principal

28-08-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Marine Navigation and Communication	Dr. D Krishna Reddy	ECE	Sri. M.Tirupataiah (EEE)

Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075

28-08-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Data Science for Bigdata Analytics in Cloud using Advanced Tools	Dr. S China Ramu	CSE	Dr. Syed Ahmed (EEE)

PN

Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.

Principal

#### ORDERS

#### 28-11-2017

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Big-data Analytics Lab	Dr. K. Radhika	IT	Sri C.Srisailam (EEE)

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Flyderabad-500 075.

#### 29-03-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigat ors with dept.
1	Establishment of Atal Community Innovation Centre (ACIC)	Dr. P Ravinder Reddy (Principal), Dr. Umakanta Choudhury and Dr. Y Rajasri	Mechnical, EEE & Bio-Tech	Dr. B.Suresh Kumar(EE E)

Principal

Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.

30-03-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Artificial Intelligence based Internet of Things	Dr. R. Ravinder Reddy	CSE	Sri. D.Harsha (EEE)
				DA:

1

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Principal

30-07-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	SPDP-Skill and Personality Development Programme Centre for SC/ST Students	Dr. M. Swamy Das	CSE	Dr G Suresh Babu (EEE)

Principal Principal

Principal Chaitanya Bharathi Institute of Technology (Antonomous) Gandipet, Hyderaked-500 075.

30-08-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Grant for Study Tour of Atal Tunnel under the AICTE Youth Undertaking Visit for Acquiring Knowledge (Yuvak) scheme	Dr. P Ravinder Reddy (Principal), Dr. K Janganadha Rao	Mechan ical and Civil	Dr T.Sudhakar Babu (EEE)

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Nyderabad-500 075:

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	investigators with dept.
S. No	ATAL FDP on Quantum Computing	Dr. Raj Reddy	Mathematic s	Dr. PV Prasad(EEE)
	Company			O.A. mod Principal

N

Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Ryderabad-500 075.

J

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Block Chain	Dr. Sangeeta Gupta	CSE	Dr.T.Murali Krishna (EEE)

Principal Chaitanya Bharathi Institute of Technolc (Autonomous) Gandipet, Hyderabad-500 075.

Principal

. .



#### ORDERS

#### Dt: 16-03-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavlC System	Dr. D Krishna Reddy and Dr. A D Sarma	ECE	Dr. M. Trupthi, Department of IT



Principal

#### Chaitanya Bharathi Institute of Technology (A) Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India S 040-24193276, 79, 80

x principal@cbit.ac.in Swww.cbit.ac.in



## CHAITANYA BHARATHI Institute of technology (A) orders

Dt: 26-08-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	loT-based Smart Power Quality Analyzer	Dr. M Balasubbareddy and Dr. T Sudhakar Babu	EEE	Ms. K. Sugamya , Department of IT



Principal

### Chaitanya Bharathi Institute of Technology (A) Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India

♦ 040-24193276, 79, 80

🔜 principal@cbit.ac.in 🛸 www.cbit.ac.in



#### ORDERS

#### Dt: 15-10-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Network base for	Dr. Y Rama Devi and Dr. T Sridevi	CSE	Mr. S.Rakesh , Department of IT



Principal





Dt: 30-05-2019

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	STTP on Introduction to Research Methodology and Matlab programming for optimization techniques	Dr M Balasubbareddy	EEE	Ms. K. Sugmaya, Department of IT



Principal

### Chaitanya Bharathi Institute of Technology (A) Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India 040-24193276, 79, 80

🖂 principal@cbit ac in Swww.cbit ac in



### ORDERS

Dt: 27-03-2019

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	PRERANA	Dr. R. Ravinder Reddy	CSE	Dr M. Venu Gopalachari , Department of IT

Principal



### Chaitanya Bharathi Institute of Technology (A) Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India

× 040-24193276, 79, 80

🔀 principal@cbit ac.in 🕙 www.cbit.ac.in



#### ORDERS

Dt: 12-10-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Local Short Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	Dr. A. D. Sarma, Dr. N V Koteswara Rao and Dr. N Alivelu Manga	ECE	Ms. T. Prathima, Department of IT



Principal

### Chaitanya Bharathi Institute of Technology (A)

Chaitanya Bharathi (PO). Kokapet (V). Gandipet (M).
 Ranga Reddy District, Hyderabad - 500 075. Telangana, India

040-24193276, 79, 80

🔀 principal@cbit.ac.in 🔍 www.cbit.ac.in



### ORDERS

Dt: 29-03-2018

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Artificial Intelligence based Internet of Things	Dr. R. Ravinder Reddy	CSE	Ms. M. Trupthi, Department of IT



Principa

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

 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India

S 040-24193276, 79, 80

🔀 principal@cbit.ac.in 😒 www.cbit.ac.in

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	Development of Nanofoam based Plasmonic structures towards Photo-Electro Chemical Water- Splitting and CO 2 reduction	Dr. M Bhanu Chandra	ECE	Dr P. Prabhakar Reddy (Mechanical Engineering)

Principal Principal Chaitanya Bharathi Institute of Technri (Autonomous) Gandipet, Hyderabad-500 075.

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	Assessment of Naturally Occurring radio active meterials (NORM) and Radon Exhalation studies in soils of Siddipet district of Telangana State.	Dr. B. Sreenivasa Reddy (Co-PI)	Physics	Dr. B.VS.Rao (Mechanical Engineering)

Principa

Principal Chaitanya Bharathi Institute of Technolo (Autonomous) Gandipet, Ryderabad-500 075.

#### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	Development of Ceramic Coated Diesel Engine Fuelled with CNG and Biodiesel Blended	Dr. PVR Ravindra Reddy, HoD, Mechanical	Mechanical	Dr S.Narasimha Kumar, Dr YS Kannan, Dr. MVS Murali Krishna (Mechanical Engineering)

Principal

Principal Chaitanya Bharathi Institute of Technolory (Autonomous) Gandipet, Hyderabad-500 075.

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1.	AICTE-IDEA Lab	Dr. P Ravinder Reddy (Principal), Dr. B V S Rao, Dr. P Sathish and Dr. N V Phanendra Babu	Mechanical, ECE and EEE	Dr V V R Sheshagiri Rao (Mechanical Engineering)

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.



### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Research Methodology and Statistical	Dr. MD.	Mechanical	Dr B. Ganesh
	Data Analysis	Aleem Pasha	Engg	(Chemical Engg)





Principal

# Chaitanya Bharathi Institute of Technology (A) Q Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India V 040-24193276, 79, 80 ∞ principal@cbit ac.in



### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
Development of Ceramic Coated Diesel Engine Fuelled with CNG and Biodiesel Blended	Dr. PVR Ravindra Reddy	Mechanic al Engg.	Sri. I. Balakrishna (Chemical Engg)
	Development of Ceramic Coated Diesel Engine Fuelled with CNG and Biodiesel	Development of Ceramic       Coated Diesel       Dr. PVR         Engine       Fuelled with CNG and Biodiesel       Ravindra	investigatorsDevelopment of CeramicCoated DieselDr. PVRMechanicEngineFuelled with CNG and BiodieselRavindraBlendedReddy





Principal

Chaitanya Bharathi Institute of Technology (A)

- Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad 500 075, Telangana, India
   040-24193276, 79, 80
   principal@cbit.ac.in



### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
	AICTE-IDEA Lab	Dr. P Ravinder Reddy (Principal), Dr. B V S Rao, Dr. P Sathish and Dr. N V Phanendra Babu	Mechanical Engg	Dr R. Prasanna Rahi (Chemical Engg)



1

Principal



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

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India S 040-24193276, 79, 80

<sup>🔀</sup> principal@cbit.ac.in 🧶www.cbit.ac.in



### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Assessment of Naturally Occurring radio active meterials (NORM) and Radon Exhalation studies in soils of Siddipet district of Telangana State	Dr. B. Sreenivasa Reddy (Co-PI)	Physics	Dr K. Prasad Babu (Chemical Engg)



Principal



### Chaitanya Bharathi Institute of Technology (A)

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India

- € 040-24193276, 79, 80
- Seprincipal@cbit.ac.in Sewww.cbit.ac.in

#### Date: 15-03-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored project for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Research Methodology and Statistical Data Analysis	Dr. MD. Aleem Pasha	Mechanic al	Dr. P. Yugender Civil Engg

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Flyderabad-500 075.

#### ORDERS

#### Date: 25-08-2021

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored project for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Establishment of Atal Community Innovation Centre (ACIC)	Dr. P Ravinder Reddy (Principal), Dr. Umakanta Choudhury and Dr. Y Rajasri	Mechanical, EEE and Bio-Tech	Dr. M. Koti Reddy – Civil Engg

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

#### ORDERS

#### Date: 20-04-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Block Chain	Dr. Sangeeta Gupta	CSE	Smt. N. Lalitha Kumari Civil Engg

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075

#### ORDERS

#### Date: 15-10-2022

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigat ors	Dept.	Additional investigators with dept.
1	STTP on Introduction to Research Methodology and Matlab programming for optimization techniques	Dr M Bala Subba Reddy	EEE	Smt. K. Manasa Civil Engg

Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

#### ORDERS

#### Date: 19-09-2020

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centers of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigator s	Dept.	Additional investigators with dept.
1	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	Dr. B Indira	MCA	Sri. G. Viswanath Civil Engg

P

Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.



### Lr No: CBIT/2019/\_\_\_\_

Dt. 10-05-2019

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2018-19. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	AICTE FDP on Seismic and Wind loads on Buildings and applications of ETABS and ANSYS Fluent	Sri. A Balaji Rao	Civil	Mr. R. Srikanth (CSE)



Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

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

🗙 principal@cbit.ac.in 🔍www.cbit.ac.in

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),
 Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80

CBIT



Lr No: CBIT/2020/\_\_\_\_

#### Dt. 10-01-2020

### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2019-20. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	STTP on Trends and Challenges of Hybrid Electric Drive Utilities in Transport Sector	Dr. T. Murali Krishna	EEE	Dr. Y. Rama Devi (CSE)



rincipal

incipal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

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

 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India **\$** 040-24193276, 79, 80

🗙 principal@cbit.ac.in 🔍 www.cbit.ac.in



Lr No: CBIT/2017/\_\_\_\_

#### Dt. 23-01-2017

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2016-17. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept
1	Investigation of the Effects of Ionospheric Spatial decorrelation on Indian GBAS	Dr. A Supraja Reddy, Dr. N. V. Koteswara Rao and Dr. K. Suman	ECE	dept. Ms. E. Swathi (CSE)



Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in @www.cbit.ac.in





Lr No: CBIT/2019/\_\_\_\_

Dt. 16-01-2019

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2018-19. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with
1	Implementation of Composite Materials Wind Blades in Wind Maill	Mrs. L. Ramayee, Dr. P. Ravinder Reddy	Mechanical	dept. Mr. A. Mohan (CSE)



Prenicipal

Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.





Lr No: CBIT/2018/\_\_\_\_

Dt. 05-03-2018

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with
1	Experimental and Numerical investigations Friction Stir Welding of Aluminium and Magnesium Alloys	Dr. P. Ravinder Reddy	Mechanical	dept. Ms. G. Mamatha (CSE)



Principal Principal

Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.



 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80

🔀 principal@cbit.ac.in 🔍www.cbit.ac.in



Lr No: CBIT/2020/\_\_\_\_

Dt. 25-08-2020

### **ORDERS**

HAITANYA BHARATHI

INSTITUTE OF TECHNOLOGY (A)

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2019-20. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Molecular Manufacturing	Dr. N.V. Srinivasulu	Mechanical	Mr. Venkata Krishna Reddy (CSE)



Principal ...aitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

Principal

Chaitanya Bharathi Institute of Technology (A)

Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M),
 Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80

040-24193270, 79, 80

🗙 principal@cbit.ac.in 🥯www.cbit.ac.in



Lr No: CBIT/2021/\_\_\_\_

Dt. 19-08-2021

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Grant for Study Tour of Atal Tunnel under the AICTE Youth Undertaking Visit for Acquiring Knowledge (Yuvak) scheme	Dr. P Ravinder Reddy (Principal), Dr. K Janganadha Rao	Mechanical and Civil	Ms. E. Kalpana (CSE)



 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in <a href="mailto:www.cbit.ac.in">www.cbit.ac.in</a>





Lr No: CBIT/2022/\_\_\_

Dt.21-03-2022

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2021-22. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Assessment of Naturally Occurring radio active meterials (NORM) and Radon Exhalation studies in soils of Siddipet district of Telangana State.	Dr. B. Sreenivasa Reddy (Co-PI)	Physics	Ms. K. Spandana (CSE)



Principal Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.





Lr No: CBIT/2021/\_\_\_\_

Dt. 29-07-2021

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Development of Nanofoam based Plasmonic structures towards Photo-Electro Chemical Water-Splitting and CO 2 reduction	Dr. M Bhanu Chandra	ECE	Kavita Agarwal (CSE)



 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in Swww.cbit.ac.in





Lr No: CBIT/2021/

### Dt. 30-11-2021

### **ORDERS**

tanya bharathi

INSTITUTE OF TECHNOLOGY (A)

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Exploring Magnetic, Magnetocaloric and Magnetoresistive properties of Ti (Fel- xCox)2	Dr. S Shanmukharao Samatham	Physics	Mr. B. Sateesh (CSE)



Principal

Principal Chaitanya Bharathi Institute of Teshnology (Autonomous) Gandipet, Hyderabad-500 075.





Lr No: CBIT/2022/

### Dt. 19/08/2022

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2021-22. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	IoT-based Smart Power Quality Analyzer	Dr. M Balasubbareddy and Dr. T Sudhakar Babu	EEE	Ms G. Kavita (CSE)

CHAITANYA BHARATHI

INSTITUTE OF TECHNOLOGY (A)



B.A. may

Principal tanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in Swww.cbit.ac.in CBIT



Lr No: CBIT/2022/\_\_\_\_

## Dt. 02/09/2022

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2021-22. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	AICTE-IDEA Lab	Dr. P Ravinder Reddy (Principal), Dr. B V S Rao, Dr. P Sathish and Dr. N V Phanendra Babu	Mechanical , ECE and EEE	Dr. E. Padmalatha (CSE)



Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.



 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in www.cbit.ac.in CBIT



Lr No: CBIT/2021/\_\_\_\_

## Dt. 16/03/2021

### **ORDERS**

HAITANYA BHARATHI

INSTITUTE OF TECHNOLOGY (A)

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Establishment of Atal Community Innovation Centre (ACIC)	Dr. P Ravinder Reddy (Principal), Dr. Umakanta Choudhury and Dr. Y Rajasri	Mechnical, EEE and Bio-Tech	Dr. G. Vanitha(CSE)



Principal Principal Chaitanya Bharathi Institute of Technolom (Autonomous) Gandipet, Hyderabad-500 075.

10 P





Lr No: CBIT/2020/

### Dt. 30/07/2020

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Research Methodology and Statistical Data Analysis	Dr. MD. Aleem Pasha	Mechanical	Smt. T. Suvrana Kumari(CSE)



Principal

Principal Principal Luitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in <a href="https://www.cbit.ac.in">www.cbit.ac.in</a>





Lr No: CBIT/2020/

Dt. 25/08/2020

#### **ORDERS**

haitanya bharathi

INSTITUTE OF TECHNOLOGY (A)

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Augumented reality/ virtual reliality	Ms. E Ramalakshmi	IT	Prof. N. Ramadevi (CSE)



Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

📩 principal@cbit.ac.in 🔍 www.cbit.ac.in





Lr No: CBIT/2020/

Dt. 10/08/2020

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Marine Navigation and Communication	Dr. D Krishna Reddy	ECE	Sri. B. Ramana Reddy (CSE)



Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

## Chaitanya Bharathi Institute of Technology (A)

 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80

📩 principal@cbit.ac.in 🔍www.cbit.ac.in



Lr No: CBIT/2020/

## Dt. 04/12/2020

#### **ORDERS**

HAITANYA BHARATHI

INSTITUTE OF TECHNOLOGY (A)

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2020-21. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Quantum Computing	Dr. Raj Reddy	Mathemati cs	Dr. K. Sagar(CSE)



Principal

Principal Chaitanya Bharathi Institute of Technol---(Autonomous) Gandipet, Hyderabad-500 075.



Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India (CB)

🔖 040-24193276, 79, 80 💌 principal@cbit.ac.in 🔍 www.cbit.ac.in



Lr No: CBIT/2019/\_\_\_\_

Dt. 04/12/2019

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2019-20. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Non-destructive Testing Equipment for Structural health monitoring of Reinforced concrete structures.	Dr. K Janganadha Rao, HoD, Civil	Civil	Smt. K. Spandana(CSE)



Principal

Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in Swww.cbit.ac.in





Lr No: CBIT/2018/\_\_\_\_

## Dt. 18/09/2018

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2018-19. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Local Short Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	Dr. A. D. Sarma, Dr. N V Koteswara Rao and Dr. N Alivelu Manga	ECE	Smt.D. Nagajyothi(CSE)



Principal Principal

Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in Swww.cbit.ac.in





Lr No: CBIT/2017/

Dt. 01/11/2017

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Big-data Analytics Lab	Dr. K. Radhika	IT	Sri. R Srikanth( CSE)



Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.





Lr No: CBIT/2019/\_\_\_\_

Dt. 18/01/2019

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	Dr.B Indira	MCA	Smt. P. Vimala Manohara Ruth( CSE)



Principal rincip

Chaitanya Bharathi Institute of Technolo (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80

🔀 principal@cbit.ac.in 🔍www.cbit.ac.in

CBIT



Lr No: CBIT/2018/\_\_\_\_

Dt. 05/03/2018

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Studies on enhancement of the secondary metabolites in invitro through hairy roots and immobilized cell suspensions in medicinally important plant Achyranthes aspera	Dr G. Vijaya Laxmi	Bio- Technology	Smt. K Marysudha Rani ( CSE)



Prefrincipal

Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in Swww.cbit.ac.in





Lr No: CBIT/2017/\_\_\_\_

Dt. 23/08/2017

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Local Short Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	Dr. A. D. Sarma, Dr. N V Koteswara Rao and Dr. N Alivelu Manga	ECE	Smt. S Durga Devi(CSE)

í.



Principal

Principal Principal .naitanya Bharathi Institute of Technolog. (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80 CBIT

🗙 principal@cbit.ac.in 🥯www.cbit.ac.in



## Lr No: CBIT/2017/\_\_\_\_

## Dt. 09/10/2017

## **ORDERS**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Multifunction Frequency and Time-Domain Signal Analyzer for Testing and Performance Evaluation of Cellular and Navigation Components and Systems	Dr. N. V. Koteswara Rao and Dr. A D Sarma	ECE	Smt. A. Sangeetha(CSE)



Principal Principal

(Autonomous) Gandipet, Hyderabad-500 075.





.

Lr No: CBIT/2017/

## Dt. 17/04/2017

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Studies on the environmental radiation levels in the dwellings constructed under the double bed room housing schme at Erravalli and Narsannapet model villages of Telangana	Dr. B. Linga Reddy, Dr. B. Sreenivasa Reddy and Dr. K. Vinay Kumar Reddy	Physics	Smt.Ch. Madhavi Sudha( CSE)



Principal Principal Chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in





Lr No: CBIT/2015/

Dt. 13/02/2015

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Strength and durability studies on high strength recycled aggregate concrete	Dr. K. Jagannadha Rao	Civil	Sri. B. Sateesh (CSE)

Principal

Principal Thaitanya Bharathi Institute of Technology {Autonomous} Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in @www.cbit.ac.in





Lr No: CBIT/2017/

Dt. 6/06/2017

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2017-18. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Power Electronics for Renewable Energy Systems-Present trends and future scope	Dr. K Krishnaveni	EEE	Smt.Ch.Vijay lakshmi (CSE)

Principal

Principal Principal (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in <a href="https://www.cbit.ac.in">www.cbit.ac.in</a>





## Lr No: CBIT/2022/\_\_\_\_

Dt. 18/02/2022

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2021-22. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Analysis and Mitigation of Doppler Collision events using ML algorithms for NavlC System	Dr. D Krishna Reddy and Dr. A D Sarma	ECE	Dr.Ravinder Reddy (CSE)



Principal

Principal Luaitanya Bharathi Institute of Techno. (Autonomous) Gandipet, Hyderabad-500 075.

 Chaitanya Bharathi Institute of Technology (A)
 Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Ranga Reddy District, Hyderabad - 500 075, Telangana, India
 040-24193276, 79, 80
 principal@cbit.ac.in @www.cbit.ac.in





INSTITUTE OF TECHNOLOGY (A)

CHAITANYA BHARATHI

Lr No: CBIT/2022/\_\_\_\_

## Dt. 11/02/2022

### **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2021-22. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps	Dr. A D Sarma, Dr. D L Sreenivasa Reddy and Dr. D Krishana Reddy	ECE	Smt. I Srujana (CSE)

Principal

Principal Sanya Bharathi Institute of Technolog (Autonomous) Gandipet, Hyderabad-500 075.



Chaitanya Bharathi Institute of Technology (A) Chaitanya Bharathi (PO), Kokapet (V), Gandipet (M), Dear Baddy District Hydorabad, 500,075, Telangar

Ranga Reddy District, Hyderabad - 500 075, Telangana, India





Lr No: CBIT/2021/\_\_\_\_

Dt. 05/03/2021

## **ORDERS**

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators for the following sponsored projects for the Academic year 2021-22. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Chaitanya Sanskriti Club	Dr. K Janganadha Rao & Dr.Bishwambhar Mishra	Civil	G Shanmukhi Rama (CSE)

÷



J.A. may Principal Principal

(Autonomous) Gandipet, Hyderabad-500 075.





#### Dr: 14-03-2019

### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	PRERANA	Dr. R. Ravinder Reddy	CSE	B.Srinivasa S P Kumar Dept. of MCA

CBIT

Principal Principal Chaitanya Bharathi Institute of Tech (Autonomous) Gandipet, Ryderabad 500 075



### ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	ATAL FDP on Quantum Computing	Dr. Raj Reddy	MCA	P.Krishna Prasad

Principal

## Principal Chaitanya Bharathi Institute of Technolo (Autonomous) Gandipet, Hyderabad-500 075.





# CHAITANYA BHARATHI Institute of technology (A)

### Dt: 27-06-2018

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	Dr.B Indira	MCA	Ramesh Ponnala Dept. of MCA



Principal chaitanya Bharathi Institute of Technology (Autonomous) Gandipet, Hyderabad-500 075.

5

Principal



## Dt: 14-08-2020

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Development of a Wireless Peer-to-peer Network base for Managing IoT Edge Devices off Gateway Range	Dr. Y Rama Devi and Dr. T Sridevi	CSE	Dr B.Indira, Dept. of MCA

Principal



Principal Chaitanya Bharathi Institute of Technolog (Autonomous) Gandipet, Ryderabad-500 075.



## Dt: 14-07-2020

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	SPDP-Skill and Personality Development Programme Centre for SC/ST Students	Dr. M. Swamy Das	CSE	Dr GNR Prasad Dept. of MCA

Principal

Principal Principal Chaitanya Bharathi Institute of Technol (Autonomous) Gandipet, Hyderabad-500 075.



## Dt: 11-02-2022

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A New Model for Short Term Forecasting of Scintillations using Machine Learning Approach and Generation of Regional Scintillation Maps	Dr. A D Sarma, Dr. D L Sreenivasa Reddy and Dr. D Krishana Reddy	ECE & IT	M.Ramchander, Dept. of MCA



Principal Principal nya Bharathi Institute of Technolog

itanya Bharathi Institute of Technolo (Autonomous) Gandipet, fiyderabad-500 075.



## Dt: 05-03-2021

## ORDERS

In order to encourage interdisciplinary research related activities among the faculty of various departments and also for establishing Centres of Excellence in the selected areas, the institute nominated additional Co-Investigators based on subject area for the following sponsored projects for the project period. This will come into effect immediately.

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Chaithanya Sanskrithi Club	Dr. K Janganadha Rao and Dr.Bishwambhar Mishra	Civil & Biotech	M.Kalidas, Dept. of MCA

Principal



Principal Chaitanya Bharathi Institute of Teo (Autonomous) Gandipet, Hyderabad-500 0



#### ORDERS

#### Date: 17.08.2017

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	Dr.B Indira,	SMS	Dr. S. Saraswathi
2	A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad	Dr.B Indira,	SMS	Dr. T.S. Poornachandirka

Principal





#### ORDERS

#### Date: 05.08.2019

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	STTP on Introduction to Research Methodology and Matlab programming for optimization techniques	Dr M Balasubbareddy	SMS	Dr. K. Sowmya

Principal





#### ORDERS

#### Date: 12.07.2020

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Research Methodology and Statistical Data Analysis	Dr. MD. Aleem Pasha,	SMS	Dr. P. Mandakini

Principal





#### ORDERS

#### Date: 30.07.2021

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Grant for Study Tour of Atal Tunnel under the AICTE Youth Undertaking Visit for Acquiring Knowledge (Yuvak) Scheme	Dr. P Ravinder Reddy (Principal), Dr. K Janganadha Rao	SMS	Dr. E. Jalaja

9-0-m2 Principal





#### ORDERS

#### Date: 05.08.2020

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	SPDP-Skill and Personality Development Programme Centre for SC/ST Students	Dr. M. Swamy Das	SMS	Dr. M. Anil Kumar

Principa





#### ORDERS

#### Date: 20.09.2020

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Data Science for Bigdata Analytics in Cloud using Advanced Tools	Dr. S China Ramu	SMS	Dr. M. Narender

Principal





#### ORDERS

#### Date: 10.10.2021

S. No	Title of the project / Endowments / Chairs	Name of the investigators	Dept.	Additional investigators with dept.
1	Chaitanya Sanskriti Club	Dr. K Janganadha Rao and Dr.Bishwambhar Mishra	SMS	Dr. Daman Jeer

Principal

