

**Chaitanya Bharathi Institute of Technology(A)**  
**Department of Electronics and Communication Engineering**

**PG (CE) - Student Publications**  
**Summary**

	<b>International Journals</b>	<b>National Journals</b>	<b>International Conferences</b>	<b>National Conferences</b>	<b>Total</b>
<b>2023-24</b>	-	-	-	<b>1</b>	<b>1</b>
<b>2022-23</b>	-	-	-	7	7
<b>2021-22</b>	-	-	-	16	<b>16</b>
<b>2020- 21</b>	1	-	1	-	<b>2</b>
<b>2019-20</b>	3	-	-	1	<b>4</b>
<b>Total</b>	4	-	1	25	<b>30</b>

**AY 23-24**  
**National Conference**

1. **Danish Khaleel Ahmed (1601-21-744-003)**, Dr. A.D Sarma , K. Lakshmana, Mohammed Kursheed, Estimation of Ionospheric Scintillation using Grid model and SVM algorithm for mapping on Indian region, R&D day, CBIT Hyderabad

**AY 22-23**  
**National Conference**

1. **T.Sonali (1601-21-744-001)** “Industry Protection System Using Arduino”, Synapse 2023, 31<sup>st</sup> Jan- 1<sup>st</sup> feb 2023, organized by CBIT, Hyderabad.
2. **Endela Praneeth Krishna (1601-20-744-007)** , Sri.T.Aravinda babu, Performance Analysis of Reed Solomon Coded MIMO NOMA System, 4th Research Day, Dec 2022, CBIT, Hyderabad.
3. **N Krishna Sandeep Reddy (1601-21-744-004)**, Sri.T.Aravinda babu, Underwater Wireless Communication Using IoT, 4th Research Day, Dec 2022, CBIT, Hyderabad.
4. **Varsha Reddy Manda (1601-20-744-004)**, Mahesh Chilaka, Supraja Reddy Ammana, “Machine Learning based Multilateration for Enhanced Aircraft Localization” 4th Research Day, Dec 2022, CBIT, Hyderabad.
5. **Danish Khaleel Ahmed (1601-21-744-003)**, Dr. A. D. Sarma, “Machine Learning Based Spatial Distribution Of Ionospheric Scintillations Over The Indian Region”, Synapse 2023, 31<sup>st</sup> Jan- 1<sup>st</sup> feb 2023, organized by CBIT, Hyderabad.
6. **N K Sandeep Reddy (1601-21-744-004)**, “Implementation Of Phased Array Antenna In Ku Band To Improve Target Tracking For Military Applications”, Synapse 2023, 31<sup>st</sup> Jan- 1<sup>st</sup> feb 2023, organized by CBIT, Hyderabad.
7. **R.Sravani (1601-21-744-002)**, J. Mounika, “Iot Based Smart Home With Face Recognition System”, Synapse 2023, 31<sup>st</sup> Jan- 1<sup>st</sup> feb 2023, organized by CBIT, Hyderabad.

**AY 21-22**  
**National Conference**

1. **Amgoth Hariprasad (1601-19-744-002)**, Supraja Reddy Ammana "Generation and Evaluation of IRNSS Navigation data for Spoofing Applications", Research Day, CBIT, 28 August 2021.
2. **Asra Fathima (1601-19-744-003)**, D.Nagadevi,"Implementation of Deep Learning Architectures for Classification of Skin Lesions", Research Day, CBIT, 28 August 2021.
3. **Nomula Rajitha (1601-19-744-007)**, A.Satyavati, "Implementation of Deep Neural Networks for Multi- Classification of Brain Tumor Images",Research Day, CBIT, 28 August 2021.
4. **Kukatla Ramprasad (1601-19-744-008)**,G.V. Pradeep Kumar,"Implementation of Impatient Backoff Algorithm for wireless Adhoc networks",Research Day, CBIT, 28 August 2021.
5. **E. Sindhuja (1601-20-744-001)**, Dr. M. Bhanu Chandra, "Design And Simulation Of Graphene Based Reconfigurable Nano Antenna For Terahertz Applications", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
6. **K. Sushmitha (1601-20-744-002)**,Dr. A.D.Sarma,"Generation Of Spoofed Signal And Its Detection Using Machine Learning For Gnss Applications:", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
7. **M. Varsha Reddy (1601-20-744-004)**,Dr. A Supraja Reddy,"Multilateration With Machine Learning For Aircraft Positioning And Trajectory Prediction", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
8. **P. Sai Tharun (1601-20-744-005)**,Dr. Suraj Prakash Sahoo,"Hand Based Gesture Recognition For Deaf And Dumb People Using Convolution Neural Network", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
9. **K. Supriya (1601-20-744-006)**,Dr. Sai Krishna,"Secrecy Capacity Analysis Of Non-Orthogonal Multiple Acces Technique Over Alpha- Mu Fading Channels", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
10. **Endela Praneeth Krishna (1601-20-744-007)**,Sri T. Aravinda Babu,"Performance Analysis Of Reed Solomon Coded Mimo Noma System", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
11. **Mummadi Sravani (1601-20-744-008)**,Dr. P. Narahari Sastry, "Analysis And Classification Of Stomach Tumor Images Using Transform Based Techniques", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
12. **Malkapuram Saikirangoud (1601-20-744-009)**, Dr. K. Suman,"Design And Analysis Of Frequency Reconfigurable Antenna For Cognitive Radio Applications", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022

13. **Thota Kalyani (1601-20-744-011)**, Dr. A. Vani, "Detection Of Cyber Attacks In Microgrids For Wireless Sensor Networks", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022
14. **Syed Nazeer Uddin (1601-20-744-012)**, Dr. Vinodh Kumar M,"Waveform Generation And Simulation Using Matlab For 5G NR", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022.
15. **R. Sai Saranya ((1601-20-744-003)**,Sri. P. Chandra Sekhar,"Generation Of Spoofed Signal And Its Detection Using Machine Learning For Gnss Applications", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022.
16. **Dasu. Prasannarasmi (1601-20-744-010)**,Dr.P. Sathish,"Smart Iot And Machine Learning-Based Framework For Water Quality Assessment", Synapse - 2022 under Sudhee 2022 at CBIT 23rd&24thmarch, 2022

#### **AY 20 - 21**

##### **International Journals**

1. Panyam Narahari Sastry, **Mohammed Sameer Syed (1601-18-744-007)**, "Recognition of Face Emotion using Convolutional Neural Network", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-9, July 2020.

##### **International Conference**

1. **Komal Kumar S (1601-18-744-003)**, Supraja Reddy A, HariChandana R, Sarma A.D "Simplistic Spoofing of GPS Enabled Smartphone" 2020 IEEE WIE Conference on Electrical and Computer Engineering, 26-27 Dec 2020, Bhubaneswar, India.

#### **AY 19-20**

##### **International Journals**

1. A.Vani, **D.Rakesh**," Implementation of Double Threshold Based Re-Sensing for Spectrum Energy Detection in Cognitive Radio",Journal of Engineering Science, Vol 11, Issue 5,May/ 2020 ISSN NO: 0377-9254. (Scopus Indexed)
2. **K.Nikhila (1601-18-744-006)** , D.Nagadevi, "Classification of Brain Images Using Support Vector Machine and K-Nearest Neighbors", AC Journal,volume IX,issue:5, ISSN NO:2231-3990 in May 2020.
3. Panyam Narahari Sastry, **Mohammed Sameer Syed (1601-18-744-007)**, "Recognition of Offline Handwritten Characters using 2D-FFT for English and Hindi Scripts" International Journal of Engineering and Advanced Technology (IJEAT), Blue Eyes Intelligence Engineering & Sciences Publication, Volume - 9 Issue – 4, April 2020, ISSN: 2249-8958, pp 1512 – 1517, DOI:10.35940/ijeat.D7339.049420.

##### **National Conference**

1. **K. Nikhila (1601-18-744-006)**, Implementation of Face Detection using Viola-Jones, Synapse 2k19, 13-14 Sep 2019, organized by CBIT, Hyderabad.