**Channabasaveshwara Institute of Technology**

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)

(NAAC Accredited & ISO 9001:2015 Certified Institution)

*NH 206 (B.H. Road), Gubbi, Tumkur – 572 216.Karnataka.*

**DEPARTMENT OF MATHEMATICS**

1. **Event title:** Mathematics Of Signals: Perspectives in Coding and Cryptography
2. **Start date : 26th November** 2020 End date: **26th November** 2020
3. **Theme:** Mathematics Of Signals
4. **Description:**

The department carried an IIC activity on ” Mathematics Of Signals: Perspectives in Coding and Cryptography**”** on 26th November2020. The event was headed by Dr C R Pradeep. HOD Department of Mathematics, CIT Gubbi. and was well co-ordinated by Mr. Chandrashekar J, Ms. Rashmi R and Mr. Naveen Kumar N, Assistant Professors, Department of Mathematics. The discussion was held in the department and decided to conduct a Webinar on Mathematics Of Signals: Perspectives in Coding and Cryptography and taken approval from Principal.

1. URL: https://drive.google.com/file/d/1cFsjVxwR8QdxwiiUGCi-aGB4hmgjITFt/view
2. Brochure: Copy attached

Submit

1. Social media: WhatsApp groups and Individual mail Ids
2. Academic year: 2020-21
3. Programme type: Webinar
4. No of students: 18
5. External participants: 26
6. No faculty participants:34
7. Remarks :
8. Expenditure : Nil
9. Mode of session delivery: Online
10. Objective: Advances in electronics has revolutionized communication system. This talk looks at two of important paradigms of communication -- coding theory and cryptography from the perspective of mathematics.
11. Benefit in terms of learning: The Presentation showcased relevance of Mathematics in Communication Engineering. Importance of Linear Algebra and Number Theory were Conveyed.