

# Yogendra Kumar

 M.Tech. 2nd Year Student at NITK  
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## EDUCATION

2017 – PRESENT **NITK, Surathkal India**  
M.TECH. IN CSE  
CGPA:8.19/10.0(present)

2012 – 2016 **REC, Banda, India**  
B.TECH. IN IT  
Avg. Percentage: 73.52

2009 – 2011 **UPIC Bachhrawa, UP, India**  
12TH, UP BOARD  
Percentage: 83.2

2008 – 2009 **Jagrit HSS Kukaha Rampur, UP, India**  
10TH, UP BOARD  
Percentage: 64.3

## SKILLS

PROGRAMMING: C++, C.

FAMILIAR: JAVA, JSP, SERVLET, HTML, CSS.

LANGUAGE: HINDI, ENGLISH.

SUBJECT OF INTEREST: PROGRAMMING AND DATA STRUCTURE , OPERATING SYSTEM, COMPUTER NETWORK

## ACHIEVEMENTS

1. Currently on 3rd position on Interviewbit within NITK ( a coding platform).
2. I got 98.69 percentile in GATE 2017.
3. Stood first in the class of 12th standard.

## PROJECTS

MAY 2018 – PRESENT

### Speech Summarization (Major Project)

This Project is mainly focused on summarizing speech document directly from speech form to speech form. This project has application in reducing length of recorded lectures, meetings, voice mail and broadcast news.

MARCH. 2018 - APRIL. 2018

### Exhaustive evaluation of TCP Westwood in Multi-rate 802.11

TCP Westwood is a TCP extensions proposed mainly for wireless networks. This project was aimed to evaluate the performance of TCP Westwood in the presence of Rate Adaptation Algorithms such as ARF, AARF, ONOE and Minstrel.

SEPT. 2017 - NOV. 2017

### Implementation of Feng Adaptive RED in the Linux Kernel

Feng Adapting RED or Self Configuring RED is a variant of RED that makes the RED parameter Pmax adaptive to reduce the packet loss and increase network utilization in a congested network with variety of traffic. In this project, the Feng Adaptive RED was implemented in the Linux Kernel.

## INTERNSHIP EXPERIENCE

MAY 2018 - JULY 2018 ,NITK INDIA

During Internship I have explored speech summarization topic and learnt about acoustic properties of speech and how these will benefit for speech summary generation. Finally the speech summary was generated for few audio documents.

## INTEREST AND HOBBIES

Programming, Online Coding, Playing cricket, Watching web series.