



Ms.Champa Tanga

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,DEPARTMENT OF
ELETRONICS AND
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QUALIFICATIONS

Master Of Technology in Information Technology
Department Of Electronics and Communication Engineering
NERIST,Nirjuli,Arunachal Pradesh

EDUCATIONAL PROFILE

P.hD (Part time) Pursuing **JULY 2017 — Present**
NERIST, Nirjuli ,Arunachal Pradesh
Department Of Electronics And Communication Engineering

M.TECH **JULY 2007 — MAY 2009**
NERIST, Nirjuli ,Arunachal Pradesh
Department Of Electronics And Communication Engineering

B.TECH (ELECTRONICS) **2002 — 2007**
Walchand College Of Engineering,Sangli,Maharashtra
Department Of Electronics And Communication Engineering

PROFESSIONAL EXPERIENCE

Assam University, Silchar **13/06/2011 — 13/08/2015**
Assistant Professor
Department of Electronics and Communication Engineering
School Of Technology

**Rajiv Gandhi University,
Arunachal Pradesh** **14/08/2015 — Present**
Assistant Professor
Department of Electronics and Communication Engineering

ADMINISTRATIVE EXPERIENCE

1. Member of Departmental Research Committee, Department of Electronics and Communication Engineering, Rajiv Gandhi University, Doimukh, 2021
2. Deputy Warden, Residence of Pare Girls Hostel, Rajiv Gandhi University , Doimukh , 2020-Present
3. Member of Board of Post Graduate Studies of the Department of ECE, Rajiv Gandhi University ,Doimukh,2015-Present
4. Member of Board of Post Graduate Studies of the Department of Agricultural Engineering, Assam University ,Silchar,2013-2015
5. Member of Board of Under Graduate Studies of the Department of ECE, Assam

University ,Silchar,2012-2015

6. Member Of Academic Council ,Assam University, Silchar from 2012-2013.
7. HoD(I/C) Of Department Of Electronics & Communication Engineering ,TSSOT, Assam University, Silchar from 2012-2013.

RESEARCH INTEREST

- 1.Wireless Communications
- 2.Cooperative Communications
- 3.Cognitive Radio Networks
- 4.MIMO
- 5.TCP Performance in wired cum wireless networks.

RESEARCH PUBLICATIONS

- 1.Analysis of Power Consumption in 8port NOC Router for Different Topologies: Singha, L. Bobinson.;Tanga,C.; *IJCSE* ,**2018**,Vol-6,Issue-6,2347-2693
- 2.Comparatively Study of TCP Variants in Wired Cum Wireless Network: Tanga,C;Nepal,S.; *IJECS*.**2017**,Volume-6,Issue-10, 2348-117x .

FDP/CONFERENCE/WORKSHOP ORGANIZED

- 1.AICTE Sponsored Short Term Training Program phase -1 on “Big data analytics using soft computing” Organized by Department of Computer Science and Engineering with Department of Electronics and Communication Engineering and Department of Mathematics ,RGU.

Duration:27/09/2021 to 02/10/2021

Role: Convenor

2. E-FDP on “Moodle Learning Management Systems” organized by the Department of Electronics and Communication Engineering ,RGU in association with Spoken Tutorial,IIT Bombay

Duration:17/08/2020 to 21/08/2020

Role: Coordinator

- 3.A Two Days Seminar on Artificial Intelligence and Machine Learning : An Application Prospective organized by the Department of Electronics and Communication Engineering with Department of Computer Science and Engineering, RGU

Duration: 05/03/2020 - 06/03/2020

Role: Organizing Member

- 4.One Week FDP on "Digital Signal Processing" Organized by EICT & ICT Academy in collaboration with Rajiv Gandhi University ,Doimukh.

Duration: April 2018

Role : Organizing Member

- 5.Two Days workshop on " Advances in Electronics and Communication" organised by Department of Electronics and Communication & Department of Computer Science Engineering ,Rajiv Gandhi University , Doimukh

Duration: March 2017

Role : Convenor

- 6.Three Days workshop on "Robotics" organised by Department of Electronics and Communication,TSSOT,Assam University ,Silchar Collaboration with Robotryst, Delhi.

Duration: 2013.

Role: Coordinator

WORKSHOP/CONFERENCE/SEMINAR ATTENDED

1. Presented a paper in International Conference on VLSI & Microwave and Wireless Technologies organized by Madan Mohan Malaviya University of Technology, Gorakhpur (U.P.) INDIA & J.K. Institute of Applied Physics and Technology, University of Allahabad & Manipal University Jaipur, India. 20th March to 21st March 2021

Title of Paper : "Study of Sum rate Performance of Cooperative Cognitive Radio Networks using MIMO"

REFERENCES

References available upon request.