KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY
Narayanaguda, Hyderbad-500029

FACULTY PROFILE

photo

1. **NAME** : PRIYANKA SAXENA
2. **JNTUH REGISTRATION ID** :67150406-000144
3. **DATE OF BIRTH** :01-01-1988
4. **DESIGNATION** :ASSISTANT PROFESSOR
5. **YEARS OF EXPERIENCE** :6
6. **UG DEGREE** :B.Tech (ECE)
7. **PG DEGREE** :M.Tech(VLSI SD)
8. **Ph.D(AREA OF THE PH.D WORK)** :
9. **SUBJECTS TAUGHT** :

    ➢ Signals and Systems

    ➢ Analog communications

    ➢ Digital communications

    ➢ Analog and Digital communications

    ➢ Digital Signal Processing

    ➢ Computer Organisation

10. **PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:**

    i. RECEIVING FM/AM SIGNALS USING SOFTWARE DEFINED RADIO AND USRP, Indian J.Sci.Res. 17(2): 247-250, 2018
    ii. A DESIGN ON LOW- POWER ADDER OPERATING ON EFFECTIVE DYNAMIC DATA RANGES, Indian J.Sci.Res. 17(2): 268-273, 2018
    iii. A LOW NOISE TRIPLE PHASE SLEEP SIGNAL SLEW RATE MODULATION USED IN MTCMOS CIRCUITS, Indian J.Sci.Res. 17(2): 226-237, 2018

11. **PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:**

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	RECEIVING FM/AM SIGNALS USING SOFTWARE DEFINED RADIO AND USRP	ICRIEAT ,DEC 2017	ISSN: 0976-2876 (Print) ISSN: 2250-0138(Online)
2	A DESIGN ON LOW- POWER ADDER OPERATING ON EFFECTIVE DYNAMIC DATA	ICRIEAT,DEC 2017	ISSN: 0976-2876 (Print) ISSN: 2250-0138(Online)

	RANGES		
3	A LOW NOISE TRIPLE PHASE SLEEP SIGNAL SLEW RATE MODULATION USED IN MTCMOS CIRCUITS	ICRIEAT,DEC 2017	ISSN: 0976-2876 (Print) ISSN: 2250-0138(Online)
4	AN INTELLIGENT AND AUTOMATED TRAFFIC SYSTEM IMPARTING PRIORTY TO EMERGENCY VEHICLE SERVICE	International Conference on " Design & Construction of Urban Transport Structures,23rd – 25th April, 2010 at Hyderabad.	

12. CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL:

- Incharge for departmental extra curricular activities.
- NPTEL mentor for two courses at department level.
- Incharge for tesselator in ECE department for DC and SSP subjects.
- Handling JNTUH inspection related tasks as an incharge for BS Lab.
- Handled and monitored criteria level files for NAAC
- Successfully setup BS Lab, DSP lab and DC lab in OCTAVE.
- Served as class teacher and mentor to the students.

13. CONTRIBUTIONS AT THE COLLEGE LEVEL:

- Committee member to Women empowerment committee.
- Committee member to student grievance cell committee
- Committee member to sexual harassment committee

14. REFRESHER COURSES/ WORKSHOPS/CONFERENCES ATTENDED:

	Attended:			
	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	Programming for everybody(getting started with Python)	University of Michigan	June 17, 2020	COURSERA
2	Python data structures	University of michigan	Sep 2, 2020	COURSERA
3	Mathematics for machine learning: linear algebra	Imperial college of London	Sep 2 , 2020	COURSERA
4	Machine learning foundations : A case study Approach	University of Washington	Sep 4, 2020	COURSERA
5	Introduction to Data science in Python	University of Michigan	June 21 , 2020	COURSERA

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