

Kanika Sisodiya

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Career Objective:

To obtain a teaching position at a reputed institute that will allow me to build a classroom community and help students achieve academic excellence.

Professional Summary :-

- 2 years experience as Assistant professor in Electronics & Telecommunication at Radharaman Institute of Technology & Science
- Handled examination duty and experience as external faculty for Viva
- Responsible for teaching Aptitude classes for Training and Placement Cell
- Responsible for helping students with MTech thesis along with BTech Major/Minor Projects.

Qualification: Master of Technology

Discipline: Digital communication.

Education:

Degree	Inst./School	University/Board	Year of Passing	Percentage
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Master of Technology	Truba Institute of Engineering & Information Technology	RGPV, Bhopal	2018	7.50 CGPA
Bachelor of Engineering	PCRT, Bhopal	RGPV, Bhopal	2012	77.50%
Intermediate	School for Excellence	M.P. Board	2008	82.80%
High School	School for Excellence	M.P. Board	2006	89.80%

Training & Project:

M.Tech Final Year Project:

Enhancement of Low Light Video along with quality assessment

An approach of fast color segmentation and noise estimation by color filter array is presented to tackle the challenging task of enhancing the videos taken in low light condition over the years. In the proposed work achieved a PSNR value which gives 9% and SSIM value gives approx. 15% greater than previous work.

BE Major Project: RFID Based Smart Plate

Description: RFID based smart plate is basically used in the college campus to keep the records for the arrival and departure of the faculty through RFID. It is nothing but a more improved and intelligent version of the Barcode System. RFID stands for Radio Frequency Identification. It is very similar to barcode in the fact both are used to identify the object on which they are stuck.

Major Training:

Industry: Prasara Bharti Kendra, Bhopal

Duration: 11-07-11 to 5-8-2011.

Description: Undertook major training on the topic “TV Transmission & Broadcasting System” from Prasara Bharti Kendra, Bhopal.

BE Minor Project: L.P.G Sensor.

Description: L.P.G Sensor is used to sense the leakage of the L.P.G.

List of Publications:-

- “Survey on De-noising and Enhancement of Extremely Low-light Video”
International Journal of Advancement in Electronics and Computer Engineering (UAECE) Volume 7, Issue 1, January 2018, pp.111-114, ISSN 2278-1412
- “Enhancement of Low Light Video along with quality assessment by means of Color Filter array” Paper accepted in NCRTEE 2018

Technical Skills:

Selected in **MP CM Young Engineer Contractor Scheme** and completed 6 months training in PWD.

Software Packages: MS Office, MS Word, MS Excel, Matlab.

Subjects of interest:

- Network theory
- Electronic Device and Circuits
- Digital Electronics
- Control Systems
- Analog Electronics

Professional Strength:

- Organized
- Positive Attitude

Extra-Curricular Activities:

- Won 2nd prize in paper presentation in TechFest on the topic of **GSM Technology**.
- Participated in various Tech fests in paper presentations.

- Participated in a Blood Donation camp organized by the Red **Cross Society**.

Personal details:

- Husband's Name : Mr Prafull Sable (Senior Manager in Indian Oil)
- Date of Birth : 19 Aug 1990
- Languages : Hindi, English
- Hobbies : Painting, Cooking, Listening Music

Declaration:

I hereby declare that the above mentioned information is correct & the best of my knowledge and I bear the responsibility for the above mentioned particulars.

Place - Bhopal

Signature