

CURRICULUM VITAE

Name : SOM PAL GANGWAR

Father s Name : Sri N. L. Gangwar

Date of Birth : 05. 09.1978

Sex (status) : Male (Married)

Address : Assistant professor

Electronics Engineering Department

Kamla Nehru Institute of Technology

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EMPLOYMENT DETAILS

S. No.	Nature of Job	Department where employed	Duration
1.	Guest Lecturer	ECD, G.B.P.U.Ag.&T,Pantnagar	Jan. 2002-June 2003
2.	Lecturer	ECD, S.R.M.S.C.E.T,Bareilly	19 July 2005-Nov. 16,2008
3.	Lecturer	ECD. K.N.I.T, Sultanpur	17 Nov. 2008-till date

EXPERIENCE

Total teaching experience more than 7 years

SPECIALIZATIONS

Electronics & Communication Engineering

DETAILS OF QUALIFICATIONS

- M. Tech. Electronics & Communication Engineering, 2005, G.B.P.U.Ag.&T,Pantnagar ,Uttranchal, India, Marks obtained 81.9 % .
Topic: Neural Network Modeling for the Calculation of Resonant Frequency of Circular Microstrip Antenna.
- B.E. Electronics & Communication Engineering, 2000, M.J.P. Rohilkhand University, Bareilly, Uttar Pradesh (India), Marks obtained 75.3 %.
- Intermediate, Board of High School and Intermediate Education Uttar Pradesh,1995, Marks obtained 63%
- High school, Board of High School and Intermediate Education Uttar Pradesh , 1993, Marks obtained 70.5 %.

TEACHING RECORD

UG Level:

- Switching Theory
- Analog Integrated Circuits
- Basic Electronics

PG Level:

- Artificial Neural networks
- Microwave Engineering

PUBLICATIONS (Annexure-I)

Type of Publications	Journals		Conferences/Seminar	
	Published	Under Review	Published	Under Review
International	1	-	1	-
National	1	-	8	-

PROJECT/THESIS SUPERVISED

Degree Level	Completed	on progress
M.Tech	4	2
B.Tech	10	2

SHORT TERM COURSES ATTENDED

1. Attended Pedagogy Training organized by E Q U A T E, New Delhi at K.N.I.T., Sultanpur during Jan 12-17, 2009.
2. Attended A I C T E sponsored Staff Development Program on VLSI and Embedded systems at V C E, Meerut (U.P) during Jan 25- Feb7, 2010.
3. Mission 10X training organized by WIPRO at KNIT Sultanpur during Nov. 22-26, 2010

CONFERENCES/ SEMINARS WORKSHOPS/ ATTENDED

1. Attended a National Conference at IIT, Kanpur on communications (NCC -2007) during Jan 26-28, 2007.
2. Attended a National Seminar at K N I T, Sultanpur on Autonomy, Dec. 2008.
3. Attended a National Seminar at K N I T, Sultanpur on Non Conventional Energy Resources & its Utilization, (NCERU- 09) during Feb 27-28, 2009.
4. Attended a Training Course at KNIT, Sultanpur on MATLAB & its Applications in Electrical Engineering, (MAEE- 09) during Dec 14-16, 2009.

5. Attended a National Conference at K N I T, Sultanpur on Emerging trends in Electrical and Electronics Engineering (ETEEE-2011) Nov.26- 27, 2011.

CONFERENCES/WORKSHOPS/SEMINARS ORGANIZED

1. Organized a National Seminar at S R M S C E T, Bareilly on Emerging trends in Communication System Oct 27, 2007.
2. Organized a National Conference at K N I T, Sultanpur on Emerging trends in Electrical and Electronics Engineering (ETEEE-2011) Nov.26- 27, 2011.

ADMINISTRATIVE POST HELD

DEPARTMENT LEVEL

1. Worked as Officer-in-charge Electronics Circuits Lab in KNIT, Sultanpur in session 2009-11
2. Worked as Officer-in-charge CCF lab (Electronics) in KNIT, Sultanpur in session 2009-11

UNIVERSITY LEVEL

1. Worked as Paper Setter of Electronics & Communication Engineering Subjects of various Universities i.e. M J P Rohilkhand University Bareilly, Poorvanchal University Jaunpur, RML Avadh University Faizabad, Bundelkhand University Jhansi etc.
2. Worked as Evaluator for U P Technical University Even /Odd Semester Examination 2006-09 for evaluation in Electronics Engineering subject.
3. Worked as Evaluator for Poorvanchal University,Jaunpur Even/ Odd Semester Examination 2009-11 for evaluation of Electronics Engineering subject.
4. Worked as External Practical Examiner of Poorvanchal University,Jaunpur Even/odd Semester Examination 2009-11 for evaluation in Electronics Engineering subject.
5. Worked as External Practical Examiner in U P Technical University Even/odd Semester Examination from 2006- 2010 for Electronics Engineering subjects.
6. Worked as Head Examiner in U P Technical University Even Semester Examination 2010 for evaluation for Electronics Engineering subject.

REFEREES

1. Dr K.S.Verma
Director
Kamla Nehru Institute of Technology

Sultanpur (UP) - 228118, INDIA

Mob: 09415610987

2. Dr.R.K. Singh

Associate Professor & Head

Department of Electronics Engineering,

Kamla Nehru Institute of Technology

Sultanpur (UP) - 228118, INDIA

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Annexure-I

LIST OF PUBLICATIONS

National/International Journal

1. **Som Pal Gangwar**, R.P.S Gangwar , B. K. Kanaujia & Paras , “Resonant frequency of circular microstrip antenna using artificial neural networks” , **Indian Journal of Radio and Space Physics** , Vol. 37, June 2008 , pp. 204-208
2. Rajesh K. Yadav, **S.P. Gangwar** and Dr. Harsh V. Singh , “Emerging Trends in Transformed based Image Compression-A Review”, **International Journal of Information Sciences and Application** ,ISBN 0974-2255 , Volume 2, Number 3(2010), pp.591-595

National/ International Conference

1. Harsh Vikram Singh , **S. P. Gangwar** & Ravi Gangwar , “Security threats in open channel network environment”, **National Conference on Cutting Edge Computer and Electronics Technologies (CE)²T 2009**, 14-16 Feb. 2009, College of Technology ,Pantnagar,(Uttaranchal), India, pp. 112-114.
2. Rajesh K. Yadav, **S. P. Gangwar** & Dr. Harsh V. Singh, “Elimination of redundant data of image for mobile and internet communication using discrete wavelet transform”, **National Conference on Wireless Communication Technology (NCWCT-10)**, 27 Nov. 2010, Dev Bhoomi Institute of Technology, Dehradun, (Uttaranchal), India, pp. 23-27.
3. Ashutosh Mishra, Dr. Harsh Vikram Singh & **S.P. Gangwar**, “Genetic algorithms: a technique for encrypting real time data transmission”, **International conference on Future Trends in Information & Communication Technologies (FTICT-2011)**”, 11 Feb. 2011, RKGIT Ghaziabad (U.P), India.

4. Ashutosh Mishra, Dr. Harsh Vikram Singh & **S.P. Gangwar**, “Biologically inspired Cryptanalysis- A Review” , **National conference on Signal Processing and Real Time Operating System (SPRTOS)** , 26-27 March 2011, HBTI Kanpur (U.P),India, pp. SIP0303-1-7
5. Ashutosh Mishra, Dr. Harsh Vikram Singh & **S.P. Gangwar**, “ Comparison of LFSR and CA as Pseudorandom Number Generator” , **National conference on Signal Processing and Real Time Operating System (SPRTOS)** , 26-27 March 2011, HBTI Kanpur (U.P),India ,pp. COM0101-1-4
6. Harish kr. Mishra, **S.P. Gangwar** & Dr. Harsh Vikram Singh, “ Performance Analysis of Carbon Nanotube FET ” , **National conference on Signal Processing and Real Time Operating System (SPRTOS)** , 26-27 March 2011, HBTI Kanpur (U.P),India ,pp. VLP0115-1-3
7. Rajesh K. Yadav, **S. P. Gangwar** & Dr. Harsh V. Singh, “Performance Analysis of Wavelet Based Image Compression Techniques”, **National Conference on Emerging trends in Electrical and Electronics Engineering (ETEEE-11)**, 26-27 Nov. 2011, Kamla Nehru Institute of Technology, Sultanpur, (U.P), India
8. R. K. Srivastava, **S.P. Gangwar**, Dr. H. V. Singh & B. R. Gautam, “A Review on Viral Mobile Communication System”, **National Conference on Emerging Trends in Electrical and Electronics Engineering (ETEEE-11)**, 26-27 Nov. 2011, Kamla Nehru Institute of Technology, Sultanpur, (U.P), India
9. Sushil Kushwaha, **S.P. Gangwar** & Dr. H. V. Singh B. R. Gautam, “Comparative analysis of imperceptible digital watermarking techniques ”, **National Conference on Emerging Trends in Electrical and Electronics Engineering (ETEEE-11)**, 26-27 Nov. 2011, Kamla Nehru Institute of Technology, Sultanpur, (U.P), India