

FACULTY PROFILE

- 1.Name **RAJESH KUMAR RAJ**
- 2.Designation **Asst. Professor (Elect. & Comm. Engg. Deptt)**
- 3.Present Mailing Address **Government Engineering College Ajmer**
Badliya Circle, NH-8, Near Nareli Jain Temple
Ajmer – 305002, India.
Mobile: +91- 9414248486
E-mail Id: rajeshraj@ecajmer.ac.in
- 4.Date of Birth **Nov. 28 , 1978**
- 5.Academic Qualification **M.Tech. (DC), B.E. (ECE)**
- 6.Area of Specialization **Antenna,SIW & Optical Fiber**
- 7.Professional Experience **14 Years**



- Assistant Professor in Government Engineering College Ajmer since 16 Sep. 2006.
- Lecturer in Rajasthan Institute of Engineering and Technology Jaipur from Feb. 2004 to 18 Sep. 2006

8. Subject Taught & Lab Worked (B.Tech. & M.Tech.)

- Antenna & Wave Propagation, Antenna Theory & Technique, Optical Fiber Communication, Control System Engineering, Information Theory Coding, Optimization Technique, Analog Communication ,EMI, Microwave Engineering, Linear Integrated Circuit, DSP ,EMFT, Digital Electronics, Telecommunication Engineering, Telecommunication Switching & Networks etc.
- Wireless Communication, RF Fabrication Lab ,VLSI Design & Optical Fiber Lab, EMI LAB, Electronics Instrument Workshop, Project Lab, Communication Lab, PTS, Seminar ,Digital Electronics Lab etc

9. Administration Responsibilities:

S.N.	Position	Period
1	Proctor, Admission Committee	3 year
2	NSS Programme Officer	8 year
3	NCC OFFICER	6 Year
4	Student Coordinator of Department	11 year
5	Antenna Lab Incharge	11 year
6	Anti Ragging Committee	11 year
7	Discipline Committee at Various Time	10 time
8	Blood Donation Camp Incharge	10 time
9	Sector officer in Lok Sabha and Vidhan Sabha	3 time
10	TEQIP-II (ANO)	2 Year
11	Transportation Committee	4 Year
12	Hostel Warden, TDS Deduction Committee	1 Year
13	AICTE Accreditation	1 Year
14	University Grievance Cell	1Year

10. Theses Supervised: 05 Students

S.N.	Name of Student	Dissertation Topic Name	Year
1	BHARAT ROCHANI	Design & Fabrication of Microstrip Patch Antennas with Different Broadband Technique	July 2014
2	AKANKSHA SINGH	Dual Band Notched Ultra Wide Band Antennas with L Shaped Slots and Partial Ground (with Different Structures)	Sep. 2014
3	KRISHNA RATHORE	Design of Compact and Simple UWB antenna with Band Notches to Sort Frequency Interference Problem	Nov. 2014
4	ROOPKISHORE SHARMA	Compact Design of UWB Antenna for Wideband Application with Band Notched Characteristics	Feb. 2016
5	PANKAJ K DHAKAR	Designing of Single, Dual or Triple Band Notched UWB Antenna with Enhanced Bandwidth using Coupled Strip of Different Shape and Size with Ground Plane	May 2016

11. Faculty Development Programme

S.N.	Name of course	Organized by	Dated
1	Advanced Optical Fiber Network	Houston Technologies	27-31 Oct. 2008
1	OFC System Design & Performance Evaluation	NITTTR CHANDIGARH	23- 27 Aug. 2010
2	Modeling And Simulation	NITTTR CHANDIGARH	21 - 25 Jan. 2013
3	TCP/IP Based Computer N/W	NITTTR CHANDIGARH	6 - 10 May 2013
4	A One Week FDP On Curricular Development And Execution	GEC AJMER (TEQIP-II)	27-31 Jan. 2014
5	National Workshop On Promoting Excellence In Research	GEC AJMER (TEQIP-II)	4-8 Feb. 2014
6	TCP/IP Network	NITTTR CHANDIGARH	16 -20 Mar. 2015
7	Recent Advancement In Automotive Technology Through Ict	NITTTR CHANDIGARH	10 -14 Aug. 2015
8	Science And Technology To Save Environment	GEC AJMER (TEQIP-II)	23-27 Nov. 2015
9	Green Energy And Technology	GEC AJMER (TEQIP-II)	1 - 5 Feb. 2016
10	Recent Trends & Technology In Information Communication & Computing	GEC AJMER (TEQIP-II)	23 - 3 Mar. 2016
11	Antenna & Microwave Devices, Design, Fabrication & Measurement	GWEC AJMER (TEQIP-II)	29 -3 Sep. 2016
12	Ubiquitous Computing	GEC AJMER (TEQIP-II)	26-30 Sep. 2016
13	Optical Fibers :Potential And Application	NITTTR CHANDIGARH	18 -22 Dec. 2017

12. Publications

(i) Article in Journal

S.N.	Paper Title	Journal Name	ISSN No.	Vol. /issue/year
1	UWB Antenna with Dual Band Notches	IJEEE	0974-2174	7/10/2014 pp. 1015-1019
2	UWB Antenna in Medical Application –an Overview	INROADS(special issue)		3/1/jan.-june 2014 pp. 287-292
3	Design of Broadband Microstrip Patch Antenna with Parasitic Element	IJAREEIE	2320-3765	3/6/June 2014 pp. 9953-9957
4	E Shaped Stacked Broadband Patch Antenna	JECSE	2277-1956	3/3/Sep. 2014 pp. 278-283
5	Design of Stair and Slotted UWB Antenna using Stepped Feed	IJCA	0975-8887	PP. 22-25

	with Modified Slotted Ground			
6	A Novel Dual Band Notched Small Square Monopole Antenna for UWB and X band Application	IJAESTR	2321-1202	3/1/March-2015 pp.282-286
7	A Band Notched Small Square UWB Antenna with Enhanced Bandwidth by using Coupled Inverted U Shaped Strip	IJAER	0973-4562	10/44/2015 pp.31102-31106
8	A Modified Y shaped Dual Band Notched Antenna for UWB & X band Application	IJAER	0973-4562	10/44/2015 pp. 31865-31868
9	Dual Band Notched Square Monopole Antenna with Wide Bandwidth for UWB Application	IJEIT	2277-3754	4/10/April 2015 pp.130-132
10	Triple Band Notched Square Monopole UWB Antenna with Enhanced Bandwidth using Novel Coupled M Shaped Strip	AREEE	2349-5804 print	2/9/April-June 2015 pp. 43-48
11	Miniaturized Cavity Backed SIW Antenna for Ku band	IRJET	2395-0072 Print	4/7/July 2017

(ii) Papers in Conference/Seminar/Proceedings:

S.N.	Title of paper	Title of conference/seminar	Year of publication	Publisher/ISSN/ISBN No.
1	Challenges in the Migration to 4G Mobile Communication	NCETA 2007	13 April 2007	GEC Ajmer
2	Simplified & Efficient Technique for Designing of Broadband Patch Antenna	NIECE 2013	22-23 Feb. 2013	ARYA College of Engineering & IT
3	Design of Stair and Slotted UWB Antenna using Stepped feed with Modified Slotted Ground	NWNC 2014	17-18 Jan. 2014	GEC Ajmer
4	Design of Stairs and Slotted UWB Antenna using Narrow Feed	V-IMPACT 2014	26-27 Feb. 2014	VIT CAMPAS JAIPUR
5	Dual Band Notched Small Monopole Antenna with a Noel T Shaped Slot for UWB Application	IEEE ICAETR 2014	1-2 Aug. 2014	978-1-4799-6393-5/14\$31.00C 2014 IEEE
6	A Simple Miniaturized Dual Band Notched UWB Antenna	ISSPIT 2014	15-17 Dec. 2014	978-1-4799-1812-6/14/\$31.00 c2014 IEEE P 381-386
7	A Modified Goblet Shaped Antenna for Bluetooth and UWB Application	ISSPIT 2014	15-17 Dec. 2014	978-1-4799-1812-6/14/\$31.00 c2014 IEEE P 376-380
8	Novel Dual Band Notched Small Square Monopole Antenna for UWB and X band Application	RACCET 2015	11-12 April 2015	HRIT Ghaziabad
9	Dual Band Notched Antenna with S Slot for UWB Application	IC4	10-12 Sep. 2015	978-1-4799-8164-9
10	A Small Square UWB Antenna with Dual Rejection Bands Wi Max and WLAN Application	CCIS 2015	7-8 Nov. 2015	GLA University Mathura

11	Microstrip Patch Antenna with Defected Ground Plane for UWB application	CIDM 2014	Dec.2014	Spriger India 2015
12	Compact Goblet Shaped Single Band Notched UWB Antenna	ICRCWIP 2014	16-17 Jan. 2015	Springer India 978-81-332-2638-3_97 pp.861-867
13	An UWB Antenna Dual Band Notched with W slot and Enhanced Bandwidth	MEDICAP 2014	12 Jan. 2015	978-1-4799-5097-3
14	Dual Band Notched Small Square Monopole UWB Antenna with Enhanced Bandwidth	CICN 2014	14-16 Nov.2014 26 March 2015	978-1-4799-6926-6/14
15	A small Monopole W Shaped Antenna for UWB and X band Application with Band Notched for WiMAX	OWT2017	18-19 March 2017	MNIT Jaipur Springer India 2018

13. Conference/Seminar/FDP/Short Term Training organized

S.N.	Title	Duration	Organized by
1	National conference on Recent Advancement in Engineering & Technology	26 April 2008	GEC Ajmer
2	National Workshop on Recent Advances in Mathematics with Application in Engineering (NCRAMAE -2012)	12-13 March 2012	GEC Ajmer
3	International Workshop on Radiation Hazards	28-29 Jan. 2013	GEC Ajmer
4	2 DAYS workshop on MATLAB & SIMULINK	9-10 March 2013	CEPTA INFOTECH PVT. LTD in GEC Ajmer
5	A One week FDP on Curriculum Development and Execution	27-31 Jan. 2014	GEC Ajmer

14. Conference/Seminar/workshop participated

S.N.	Paper Title	Title	Organized by	Duration
1	Effect of CO2 on Atmosphere	One Day Workshop on CO2 Kick the Habit Toward a Low Carbon Economy	GEC Ajmer	5 June 2008
2	Role of Engineering in NSS Activity	NSS WORKSHOP	College Education	15-16 Jan. 2009
3	Participant in Workshop	Technical Terminology in Engineering	MHRD GEC Ajmer	5-6 Feb. 2014