

MR. AJAY KUMAR

Lecturer in Electronics & Communication Engineering

Phone No.: 9876036912 | E-mail: asingla_sbs@yahoo.com

Address for correspondence: #302, Phase-2, Vishal Nagar, Bathinda, Punjab



RESEARCH AREAS

Wireless Communication, Heterogeneous Networks (HetNets), UAV Communications, Velocity Estimation

PROFESSIONAL & ACADEMIC QUALIFICATIONS

Examination Passed	University/Board	Year	% Marks/Status	Division
Ph.D. (ECE)	NIT Jalandhar	Pursuing	Thesis Submitted	-
M.Tech. (ECE)	PTU	2012	66.64%	1st Div
B.Tech. (ECE)	Kurukshetra University	2007	66.08%	1st Div
10+2 (Non-Medical)	PSEB	2003	75.56%	1st Div
Matriculation	PSEB	2001	69.54%	1st Div

EXPERIENCE

Working as Lecturer at Shaheed Bhagat Singh State University, Ferozepur 16 December 2010 to till date

- Responsibilities include teaching and administrative duties.

Worked as Lecturer at GTBKIET, Chhapianwali, Malout, Punjab 10 August 2009 to 15 December 2010

Worked as Lecturer at GGSCET, Talwandi Sabo, Punjab 07 January 2008 to 31 May 2009

RESEARCH PUBLICATIONS

S. No.	Title of the paper	Status of Journal	Name of the Journal	Volume, Page No. & year of publication
1	Cellular-Connected UAV Flight Velocity Estimation With a 3D Linear Path	Q1 SCI	IEEE Communication Letters	Volume:-30, Page No.:-1171-1174 & Year of

S. No.	Title of the paper	Status of Journal	Name of the Journal	Volume, Page No. & year of publication
				publication:- Feb, 2026
2	Incorporating Handover Control Parameters for Cellular Vehicle Velocity Estimation in CoMPHetNet	Q1 SCI	IEEE Wireless Communication Letters	Volume:-15, Page No.:-1981-1984 & Year of publication:- Feb, 2026

MOOC COURSES COMPLETED

Introduction to Quantum Computing: Quantum Algorithms and Qiskit

NPTEL Online Certification (Funded by MoE, Govt. of India) | Indian Institute of Technology Madras

Timeline: Jan-Feb 2026 (4 week course) | **Consolidated Score:** 58% (Online Assignments: 22.33/25, Proctored Exam: 35.8/75)

Total number of candidates certified in this course: 2746 | **Roll No:** NPTEL26CS89S365300005 |

No. of credits recommended: 2

PERSONNEL INFORMATION

Name	Mr. Ajay Kumar
Date of Birth	29 June 1986
Father's Name	Sh. Surinder Kumar
Gender	Male
Nationality	Indian
Marital Status	Married
Address for correspondence	#302, Phase-2, Vishal Nagar, Bathinda, Punjab
Phone No.	9876036912
E-mail	asingla_sbs@yahoo.com