Bhushan Singh Gautam
Assistant Professor

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Department of Mechanical Engineering

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Personal Webpage Link

Qualifications: B.E (Mechanical Engg.), M.E. (Mechanical Engineering)

Area of Interest/Specialization: Automotive & Industrial Noise Control, Duct Acoustics

Experience:

Nov, 2019 - Present	**Assistant Professor, Department of Mechanical Engineering, SoS, E&T, GGV**
Oct, 2013 – Nov, 2019	**Tech Lead, Honeywell Technology Solutions**
Aug,2011 – Oct, 2013	**Deputy Manager, NVH Attribute Engineer, Ashok Leyland Limited**

Best Peer Reviewed Publication (up-to 10)

- Bhushan Singh Gautam and M.L. Munjal, "Flow acoustic analysis of Commercial Automotive Mufflers Matrizant Approach", Journal of Acoustical Society of India, Vol. 39, No. 3, 2012 (pp. 142-151).

Administrative Responsibilities:

1) Member Training & Placement Cell, SoS E&T, GGV

2) Member Industry Institute Interaction Cell, GGV

Additional Information:

List of Patents Applied/Granted:

S.No	Title of the Patent	National / International	Month & Year
1	Acoustic damper with resonator members arranged in - parallel	US Patent (International) US 10,495,113 B2	(Awarded) Dec, 2019
2	Acoustic damper with barrier member configured to dampen the acoustic energy propagating upstream in gas flow	US Patent (International) US 10,533,452 B2	(Awarded) Jan, 2020
3	Turbocharger compressor with adjustable - trim mechanism and noise - attenuator	US Patent (International) US 2020/0182143 A1	(Published) Jun, 2020
4	Turbocharger system including acoustic damper for attenuating aerodynamically generated noise from compressor	US Patent (International) US 2020/0191103 A1	(Published) Jun, 2020

List of Copyrights:

S.No	Title of the Copyright	National / International	Month & Year
1	EVALFMUFFLER	Indian SW-8134/2014	(Awarded) Oct, 2014
2	EVALFSAC	Indian SW-8227/2014	(Awarded) Dec, 2014