


Biodata

Name	Dr. Akshdeep Sharma	
Designation	Scientist C	
Educational qualification	M.Sc Electronic Science from Kurukshetra University Kurukshetra. Ph.D from CSIR-CEERI Pilani	
Research area	MEMS micro sensors, NEMS fabrication, semiconductor devices, microelectronics, Electroplating, RF MEMS switches	
Recognised Awards/Honors/Fellow	<ul style="list-style-type: none">• Early Career Research Award (ECRA) from DST-SERB• Industrial Postdoctoral Fellow, CeNSE IISc Bangalore• CSIR-SRF, CEERI Pilani	
Projects	Ongoing: 1) Design and Fabrication of MEMS Bionics Sensors for Autonomous Underwater Vehicles (AUVs) (HY/SP/040) (Sponsored by SERB, Outlay: Rs. 43.19 lakhs DoS: 22.03.2019; DoC: 31.03.2022) 2) Development of antennas for Navigation with Indian Constellation (HD/SP/039) (Sponsored by MeitY, Outlay: 262.00 lakhs, DoS: 29.09.2018, DoC: 28.09.2021), Co-Investigator	
Publications/Patents (Past 5 years)	1) Gallium-Doped Piezoresistive Sensor With Optimized Focused Ion Beam Implantation Akshdeep Sharma , Suma B.N., K. N. Bhat, A. K. Naik Journal of microelectromechanical systems, Vol. 26, No. 1, February 2017, 127-134.	