

Name: Bector, Vishal
Designation: Associate Professor
Office Phone: 0161-2401960 (Ext.: 315)
Mobile phone: +91-9876162476
E-mail: vishalbector@pau.edu



Education: *B.Tech., PAU, Ludhiana (1995); M.Tech., PAU, Ludhiana (1998); Ph.D., PAU, Ludhiana (2009)*

Positions held: *Assistant Professor (2001-2003), Assistant Engineer (2003-2008), Assistant Professor (2008-2010), Associate Professor (2010 onwards)*

Field of Specialization: *Farm Machinery & Power Engineering*

Present Research Interests/Projects:

Research Interests: (Maximum upto three areas of interest)

1. Precision Agriculture
2. Farm Machinery Management
3. Resource Conservation Technologies

Projects Accomplished:

1. Development of Stubble Management Machinery for Flat & Bed Farming Systems Funded by ACIAR (Australian Commission for International Agricultural Research, Government of Australia, Australia)

Selected Research Publications:

1. Singh H, Singh K, Singh M, Bector V and Sharma K (2015). Field evaluation of tractor mounted soil sensor for measurement of electrical conductivity and soil insertion/compaction force. *J. Ag., Eng. (3): 33-42.*
2. Verma R, Bector V and Singh G (2015) Effect of Crop Geometry, Cutter Speed and Forward Speed on Performance Characteristics of Tractor Operated Forage Harvester-cum-Chopper, *Agri. Engg. Today* 39 (4): 49-54.
3. Bector V (2015) Industry interventions for development and adoption of advanced farm technologies in Indian agriculture. *Agri. Engg. Today* 39 (1): 40-44.

4. Thakur S S, Dhaliwal I S, Bector V and Singh B 2010. Evaluation of resource conservation technologies in wheat grown after rice and cotton. *J Res. Punjab Agric. Univ.* 47 (3 & 4): 170-172.
5. Bector V and Gupta P K (2009) Present Status and Growth Rate of Utilization of Farm Power Sources in India. *Agri. Engg. Today* 33(4): 3-9.
6. Sidhu H S, Singh M, Humphery E, Singh Y, Blackwell J, Bector V & Singh M (2006) The Happy Seeder enables direct drilling into rice and wheat stubbles. *Australian Journal of Experimental Agriculture.* 47(7): pp 844-854.
7. Singh S, Sharda V, Sharda A and Bector V (2005) Water Conservation Through Tillage. *J Res, Punjab Agric. Univ.*, 42: 479-485.

Awards/Honours/Distinctions:

1. Awarded Netherlands Fellowship by the Netherlands Ministry of Development Cooperation to attend short course on Leadership and Management of Higher Education Institutions at Maastricht School of Management , Maastricht, Netherlands from November 16 to December 4, 2015.
2. Awarded Appreciation Letter from Dean Postgraduate Studies, PAU for valuable contributions towards various academic matters and unprecedented initiative for facilitating international students as Foreign Students Advisor, PAU.
3. Awarded Appreciation Certificate by DDG (Agril. Extn), ICAR and Vice Chancellor, PAU in recognition of services rendered in organization of 7th National Conference of KVK's held at PAU, Ludhiana in 2012

REC recommendations: One (Happy Seeder)

Membership/s of Scientific and Professional Societies:

Executive Member (Secretary) of Punjab Chapter of Indian Society of Agricultural Engineers and Life member, Indian Society of Agricultural Engineers

Life member, Indian Society of Agricultural Engineers (ISAE)

Member, American Society of Agricultural and Biological Engineers (ASABE)

Life member, Alumni Association, COAET