

Bajaj Institute of Technology, Wardha

Faculty Profile

Personal Details

Name of Faculty:	Dr. Vijay Manohar Deshmukh	
Mobile No.:	7610254885	
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Professional Bodies Membership:	IAENG	

Experience

Industry	Teaching	Research
01 Year	09 Years	1.5 Years

Educational Qualification

Ph.D	Ph.D. (Photonics) - Inha University, Incheon, S. Korea.
Masters	M.Sc. (Physics) - Amravati University M.Tech. (Laser Science and Applications) - Devi Ahilya University, Indore
Bachelors	B.Sc. (PCM) - Amravati University
Others	B.Ed. - Amravati University
Area of Research	Photonics, Laser, Optics.

Projects

1. Dynamics of 1.55 micrometer wavelength single-mode vertical-cavity surface-emitting laser output under external optical injection.
2. High-speed all-optical flip-flop operation with cylindrical shaped single-mode VCSELs.
3. Laser beam smoothing using 2x2 Lens array.

Publications

	National	International
Journals		3
Conferences	3	1

IPR Activities

Copyrights/Patents	
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Other Achievements

1. Jungseok International Scholarship (2008-2012).
2. Brain Korea-21 scholarship (2008-2012).
3. Graduate Aptitude Test in Engineering (GATE) Scholarship (2003-2005).
4. First position in the order of merit in Master of Science (Physics), Amravati University (2001).
5. Team leader and First Prize winner of State Level "Science Quiz Competition" held at Chalisgaon on 25 Dec 2000.

6. Team Leader (India), Incheon Asian Festival, Incheon, South Korea, (2010-2012) and third prize-winner for cultural performance (2012).
7. Editor, Marathi Mandal Korea Sahity-shobha Diwali Magzine Purvagandha Visheshank 2012.
8. Editor, Hitguj Diwali Ank 2013, available at http://www.maayboli.com/hitguj_diwali_ank/hda_2013/index.html