

Dr Nishad Gopal Deshpande, M.Sc. Ph.D. (South Korea)



Current Affiliation:

Coordinator (R & C) & Assistant Professor
Indian Institute of Information Technology, Surat (Gujarat) India.

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Professional Experience:

2018-2021-Research Professor- Advanced Materials Science & Engineering, Sungkyunkwan University, Suwon, South Korea.

2013-2018-DST INSPIRE Faculty, Department of Physics, Shivaji University, Kolhapur.

2012-2013-Post Doctoral Fellow, Institute of Atomic & Molecular Sciences, Academia Sinica, Taiwan.

2011-2012-Post Doctoral Fellow, Hanyang University, Seoul, South Korea.

Education:

2008-2011-Ph.D. (Experimental Condensed Matter Physics)-Hanyang University, Seoul, S. Korea.

2003-2005-M.Sc. (Solid State Physics), Shivaji University, Kolhapur (M.S.) India.

2000-2003-B.Sc. (Physics), Shivaji University, Kolhapur (M.S.) India.

Research Interest:

Nanomagnetism, Spintronics, Resistive switching, Thin Film transistors, Magnetocalorics, Solar water-splitting for sustainable energy, Photocatalysis for wastewater treatment, Gas sensor for environmental monitoring and Photosensors.

Awards and Prizes:

2018-Brain Pool Invited Scientist, National Research Foundation, Govt. of Korea.

2018-Young Research Associate, Maharashtra Academy of Sciences, Pune Maharashtra.

2013-DST INSPIRE Faculty award, Ministry of Science and Technology, Delhi, Govt. of India.

Best Poster award-3 and Excellent Paper award-1: from countries like India, Korea and Taiwan.

Research Output:

1. International Journals (Peer reviewed)-89
2. National Journals (Peer reviewed)-1
3. Books-1
4. Book Chapter-2
5. Others-5
6. Citations- 2256 (Ref. Scopus)

Resource Person:

1. Invited Talk: 20
2. Guest Lectures: 4
3. Online webinar: 5
4. General lectures: 4

Collaborations:

US, UK, Korea, Taiwan, Vietnam, India

Patents:

Korean Patents Filed (2020)-1 and US Patent Filed (2021)-1.

Research Projects:

One Minor Project On-Going- Rs. 45, 000/- (2022-2023) (Funded by UGC-DAE CSR, Mumbai).

One Major Project -Total cost 100,000,000KRW (Funded by National Research Foundation, South Korea).

Three Major Projects completed- Total cost Rs. 44 Lakhs (Funded by DST, Govt. of India, UGC-DAE CSR, Indore and Mumbai centres).

One Collaborative project IUAC, New Delhi.

Google Scholar:

https://scholar.google.com/citations?hl=en&user=32xjrV0AAAAJ&view_op=list_works&authuser=1&sortby=pubdate

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56096311600>