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2. **Uvanesh Kasiviswanathan**, Chandan Kumar, Suruchi Poddar, Satyabrata Jit, Sanjeev Kumar Mahto, Neeraj Sharma: “*Fabrication of MSM Based Biosensing Device for Assessing Dynamic Behavior of Adherent Mammalian Cells*”, IEEE Sensors Journal, vol. 20, no. 17, pp. 9652-9659, DOI: [10.1109/JSEN.2020.2990919](https://doi.org/10.1109/JSEN.2020.2990919)
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6. **Uvanesh Kasiviswanathan**, Chelladurai Karthikeyan Balavigneswaran, Chandan Kumar, Suruchi Poddar, Satyabrata Jit, Neeraj Sharma, Sanjeev Kumar Mahto: “*Aluminum Oxide Thin Film Based in vitro Cell-Substrate Sensing Device for Monitoring Proliferation of Myoblast Cells*”, IEEE Transactions on NanoBioscience, vol. 20, no. 3, pp. 331-337, DOI: [10.1109/TNB.2021.3068318](https://doi.org/10.1109/TNB.2021.3068318)

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1. **Uvanesh Kasiviswanathan** and Neeraj Sharma: “*Importance of Bio-signal for Rehabilitative Engineering*”, Biomedical Engineering and its Applications in Healthcare. Editor: Sudip Paul; 11/2019: chapter 19: pages 453-469; Springer Nature., ISBN: 9789811337055, DOI: [10.1007/978-981-13-3705-5\\_19](https://doi.org/10.1007/978-981-13-3705-5_19)

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1. **Uvanesh Kasiviswanathan**, Suruchi Poddar, Chandan Kumar, Satyabrata Jit, Sanjeev K. Mahto and Neeraj Sharma: “*In-house Developed Electric Cell-Substrate Impedance Sensing (ECIS) System for Studying Dynamic Behaviour of Myoblast cells*”, Advanced Nano Materials Conference (ANM-2018), University of Aveiro, Portugal.
2. **Uvanesh Kasiviswanathan**, Sanjeev K. Mahto and Neeraj Sharma: “*Phenol Red functionalized Mesoporous Silica Nanoparticle in various system for developing effective pH sensing system*”, The Academy – ACS Symposium: Expanding Frontiers in Chemical Sciences (1/11/2018), Banaras Hindu University, India.
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### Awards and achievements:

1. **International Travel Grant** from Dept. of Biotechnology, Ministry of Science & Technology, Gov. of India. (Vide No: [DBT/CTEP/02/201800285 & 04/05/2018](#)).
2. **SITARE-BIRAC-Gandhian Young Technological Innovation (GYTI) Award 2019**, [Awarded under #MLM (More from Less for Many), Frugal Innovation Award] *Project*

## Author's Relevant Publications

*id: 13246.* Award with a grant of 15 Lakhs INR, from BIRAC, Gov. of India under the Students Innovations for Translation & Advancement of Research Explorations (SITARE) Scheme in partner/coordinated with SRISTI.

3. **Appreciation Award for Excellence in Research work** [Top 10 research work presented under Innovative Ideas and Patents Category (Poster presentation) at *2nd National Biomedical Research Competition* (NBRCOM-2019), Society of Young Biomedical Scientists (SYBS), India Organized by Postgraduate Institute of Medical Education & Research, Chandigarh, India]
4. **Appreciation Award for Excellence in Research work**, Poster titled “Low-cost ECIS system” [*Top 10 research work from the School*] in Institute Day held from 16-18 February, 2018 conducted by Indian Institute of Technology (BHU).