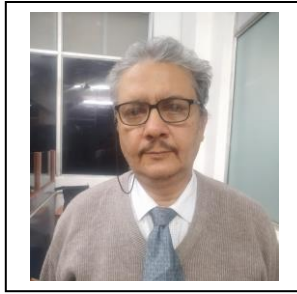


FACULTY PROFILE



Name: Devasis Haldar

Designation: Assistant Professor

E-Mail: devasish@srmist.edu.in

Professional Qualification:

- M. Tech. (Optoelectronics & Optical communication)
- M.Sc. (Physics with Specialization in Electronics)

Publications (Journals & Conferences):

➤ **Journals**

(1)Ishwar Kumar, Jatin Vij, Leen Vithal Bhai Patel, Mayank Sharma, Devasis Haldar: “Solar Powered Auto Irrigation System” published in International Journal of Engineering Research and Management Technology, ISSN: 2348-4039, March 2014, Volume-1, Issue-2, Pages 61-66.

(2)Aalokita Pradhan, Akansha Singh, Ayushi Singh, Devasis Haldar: “Development of High-Tech Color Changing Device” published in International Journal of Engineering Research & Management Technology, ISSN: 2348-4039, March 2014, Volume 1, Issue 2, Page 202-205.

(3)Bh Manoj Kumar Reddy, Devasis Haldar: “A Survey on Energy-Efficient Management in Wireless Sensor Networks” published in International Journal of Engineering Research & management Technology, ISSN: 2348-4039, May 2014, Volume-1, Issue-3, Page 14-20

(4)Shubham Singh, Donia Mathews, Shushant Saxena, Amaneesh Seth, Devasis Haldar:"Accessibility Devices/ System for differently able person" published in International Journal of Science, Technology & Management, ISSN 2394-1537, April 2015, Volume No. 04, Issue No.04 page 111-116

(5)Akshat Narayan Singh, Richa Thakur, Aakarshan Raj, Devasis Haldar: "Smart Bus Transportation System, Published in International Journal of Science,Technology and Management, March 2015, Volume No. 04, Issue No.03 page 275-279

(6)Devasis Haldar, Aishwarya Chandra, Akash Mishra, Asjad Khan, Priyank Awasthi: "Flood intimation through GSM with user Programmable Number to Station Master" published in International Journal of Advanced Research in Engineering, Technology & Sciences, ISSN: 2394-2819, May 2016, Volume 3, Issue-5, Pages 1-2

(7)Devasis Haldar, Soumya Verma, Nikita Sawhney, Arushi Anand: " Smart Vehicle using Wireless Technology" published in International Journal of Engineering Research & Management Technology, ISSN : 2348-4039, March-2017, Volume 4, Issue-2, Pages 25-29

(8)Devasis Haldar, Shagun Panwar, Vipul Kumar, Ayush Goswami, Sakshi Dhawan, Prashant Mani: " Circuit for optical signal based Line of Sight Voice Communication" presented in International Conference on Advancements in Science & Technology (ICAST) 2017, held at University School of Sciences, Rayat Bahra University, Mohali, Punjab.

(9)Devasis Haldar, Shagun Panwar, Vipul Kumar, Ayush Goswami, Sakshi Dhawan, Prashant Mani: " Circuit for optical signal based Line of Sight Voice Communication" published in Bulletin of Electrical Engineering and Informatics; (International – indexed under scopus), ISSN 2302-9285, March 2017, Volume 6, ,Issue1, pages 76-80

(10)Devasis Haldar " Simultaneous self mode locked and self-Q-switched - lasers with active medium functioning as saturable absorber" published in Journal of Optics (International – indexed under scopus), ISSN 0972-8821, March 2018, 47,Issue1, pages 96-103

(11)Shikhar Shukla, Prakhar Srivastava, Pratyush Mishra, Devasis haldar: "Automatic Shuttling of Metro train" published in International Journal of Development Research, ISSN: 2230-9926, March 2018, Volume 8, Issue 3, pages 19808-19811

(12)Devasis Haldar: “Current sensing by Magnetic shielding of high birefringent fibre” published (online) in Journal of Optics (International – indexed under scopus), ISSN 0972-8821, August 03, 2018, 47,Issue1, pages 1-6

(13)Kamakshi Nawani, Jai Mundra, Raghav Khurana, Devasis Haldar: “An Underwater Wireless Optical Communication System Design” published in International Journal Of Engineering Research & Management Technology, ISSN : 2348 – 4039, May 2019, Vol. 2, Issue – 1

➤ **Conferences**

(1) B.P.Pal, D.Haldar, K.Thyagrajan: “Dispersion Measurement in jointed Fiber Optic Link” (presentation during M.Tech. study), presented at conference at Instruments Research & Development Establishment, Defense Research & Development Organization (DRDO), Dehradun, (U.P.), India

(2) W.Chu, D.Haldar, D.McStay, A.J.Rogers: “Interference of Faraday coupled Signal with Residual Mode Component in a Highly-Birefringent Optical Fiber Current Sensor”, presented in the 8th Optical Fiber Sensors Conference; Monterey, California, U.S.A. (January 1992).- during M.Phil. degree

(3)Dr. R.P. Mahapatra, Devasis Haldar, Swapnil Srivastava, Varunesh Singh: “Proposal for All Spin Logic Devices (ASLD) in Optical Computers”, presented in ICSIT, 2011, held at SRM Institute of Management and Technology, Delhi Meerut Road, Modinagar (U.P.)

(4) Rohit Agrawal, Devasis Haldar, Abhisek Agrawal: “Heart Beat Monitor with GSM and GPS Module”, presented in National Conference On Recent Trends In Information and Communication Technology (NCRTICT) 2012, held at SRM University, NCR Campus.

(5) Shubham Goel, Devasis Haldar, Tarun Kumar singh: “Automatic Brake Controller using Opto-Electronic Device” presented in Second National Conference On Recent Trends In Information and Communication Technology (NCRTICT) 2013, held at SRM University, NCR Campus.

- 6) Bhagat Manthrigalla, Devasis Haldar, Karnati Manideep: “Voice Operated Dish Positioning” presented in Second National Conference On Recent Trends In Information and Communication Technology (NCRTICT) 2013, held at SRM University, NCR Campus.
- 7) Yuvraj Krishan Pandotra, Sanyam Bathla, Devasis Haldar, Richa Razdan : “Linear Barcode Scanner Using IR Detector” presented in Second National Conference On Recent Trends In Information and Communication Technology (NCRTICT) 2013, held at SRM University, NCR Campus.
- 8) Pankaj Singh, Devasis Haldar, Santanoo Bhattacharya: “Autonomous Toll Controlling Operation and Taxing Methodology” accepted at International Conference On Recent Development In Computational And Information Technology (ICRDCIT)-2014, held on 7th & 8th March 2014 at SRM University, NCR Campus.
- 9) Devasis Haldar, Amit Gangopadhaya, Bijoy R., Inderpal Singh, Ankit Singh Rathore: “A BJT based Soil Moisture Sensor for Irrigation Monitoring” accepted at International Conference On Recent Development In Computational And Information Technology (ICRDCIT)-2014, held on 7th & 8th March 2014 at SRM University, NCR Campus.
- 10) Abhishek Jain, Arpit Bhatia, Anurag Singh, Adita Vikram Singh, Devasis Haldar: “ A Novel Machine for Voting” accepted at International Conference On Recent Development In Computational And Information Technology (ICRDCIT)-2014, held on 7th & 8th March 2014 at SRM University, NCR Campus.

Achievements

- Innovative design of parallel coupled filter at 6.2 GHz
- Design of 2.6 MHz Equalizer for Coaxial Cable
- Design, fabrication & characterization of Current Sensing device by Magnetic Shielding of High Birefringence fibre
- Mode Locking & Q switching in EDFA
- Worked with Software packages like PSpice, Touchstone, Microwave Spice, Netsim, Verilog, Arduino etc.

Workshops/Seminars/FDPs

- Participated in Six days Faculty Development Program on Wearable Devices for IoT and Microwave Infrastructure at SRM Institute of Science and Technology, Delhi – NCR Campus, from 20/12/2022 to 25/12/2022

- Participated in Two Week online Faculty Development Program/ Short-Term Training Program on Advanced Optimization Techniques and hands-on with MATLAB/SCILAB at Electronics & ICT Academies at MNIT Jaipur, NIT Patna & IIITDM Jabalpur, from 08/08/2022 to 19/08/2022
- Participated in One Week Faculty Development Program on Advanced Security Analytics and Machine Learning at SRM Institute of Science and Technology, Delhi – NCR Campus, Ghaziabad, from 18/04/2022 to 23/04/2022
- Participated in One Day Seminar on Research Methodology at SRM Institute of Science & Technology taken by Dr D. P. Kothari (Ex- Director, IIT Delhi), 01/03/2019
- Participated in Guest Lecture on Application of Microwave in Material and Mineral Technology at SRM University, 29/05/2016

Work Experience: Almost 37 Years