

Curriculum Vitae



Dr. SHERRY NASIR SIDDIQUI

Personal Information:

Address: 15 Surya Apartments Makroniya road
Sagar M.P., 470004, India
Phone: +91 9977272289
Email: sherrynsiddiqui@gmail.com
Gender: Female
Date of Birth: 17-Oct-1993
Nationality: Indian
Marital Status: Married

Present position:

Guest faculty at Institute of Engineering and
Technology, Dr. Harisingh Gour
Vishwavidyalaya Sagar M. P.

Language Proficiency:

English, Hindi and Urdu

Interests:

Electronics

Education:

PhD (awarded 17.10.2023)
PhD. Course work,
Dr. Harisingh Gour Vishwavidyalaya Sagar M.P.
(October, 2020)
Marks: 80%

GATE 2023 Qualified

M.Sc. Physics, Harisingh Gour Vishwavidyalaya
Sagar M.P. (June 2017)
Aggregate CGPA: 8.82 (80%)
B.Sc. Physics, Chemistry, Mathematics,
Dr. Harisingh Gour Vishwavidyalaya Sagar M.P.
(July 2015)
Aggregate CGPA: 8.60 (Out of Nine)

12th Std., St. Joseph's convent Sen.
Sec. School Sagar M.P. (May 2012)
Central Board of Secondary Education, India
Science Stream, Key Subjects: Physics,
Chemistry, Mathematics and Information Practices.
Aggregate Percentage: 85.6

10th Std., St. Joseph's convent sen. Sec.
schoolSagar M.P. (May 2010)
Central Board of Secondary Education, India
Key Subjects: Physics, Chemistry, Mathematics,
Biology, Social Sciences and Information
Technology.
Aggregate CGPA : 9.40 (Out of Ten)

Computer Skills:

P.G.D.C.A.
Internship in Programming with C and C++
language

Well versed in

1. Operating Systems
Windows
2. Languages and Scripts
C, C++, JAVA
3. Computer Packages
MS Word, MS Excel, MS PowerPoint

Experience:

Research experience (2+ years) in the
department of Physics, Dr. Harisingh Gour
Vishwavidyalaya Sagar M.P.
7 years teaching experience in an institute
1 year teaching experience in an Engineering
College.
Offer of appointment for the post of
Project assistant
(project no. CHM/SERB/2015007)
at IISER BHOPAL (M.P.)

Patents:

Application Published – 6
1. A System for IoT Connected devices for data
migration and synchronization
(Dr. A. Verma, Ms. S.Nasir et.al ;)
Date of filing: 10-07-2022

Date of Publishing: 22-07-2022

2. An AI based System for providing Adaptive Services for an IoT Environment.

(Dr. A. Verma, Ms. S.Nasir et.al ;)

Date of filing: 30-07-2022

Date of Publishing: 05-08-2022

3. A Data Recovery System for IoT Environment and Method Thereof

(Dr. A. Verma, Ms. S.Nasir et.al ;)

Date of filing: 04-09-2022.

Date of Publishing: 09-09-2022.

4. IoT enabled RFID based Smart electric vehicle charging station for smart city application.

(Dr. A. Verma, Ms. S.Nasir et.al ;)

Date of filing: 15-10-2022.

Date of Publishing: 18-11-2022.

5. Smart Home Energy Management System using Internet of Things.

(Dr. A. Verma, Ms. S.Nasir et.al ;)

Date of filing: 03-01-2023.

Date of Publishing: 06-01-2023.

6. Design and Development of IoT enabled Surveillance robotic vehicle.

(Dr. A. Verma, Ms. S.Nasir et.al ;)

Date of filing: 22-01-2023.

Date of Publishing: 17-02-2023.

Prize/Awards:

Best Research Paper presentation award
Merit card (M.Sc.)

Research papers:

- Sherry Nasir and Ashish Verma, Designing of WSN based Embedded System using Wearable Sports Sensors: A theoretical Approach, J. Multidisciplinary Engineering Science and Technology, Vol. 8, Issue 2(2021) 2458-9403 (doi.org/10.13140/RG.2.2.21506.61122)
- Sherry Nasir and Ashish Verma, Designing an Embedded System for Analysis of X-Ray results for Covid-19 Patients as X-Rays Computed Tomography Device for Lungs Diagnosis, International J. Multidisciplinary Educational Research, Volume 10, Issue 4(3)(2021) 2277-7881 ([http://ijmer.in/issues/volume10/volume10-issue4\(3\).aspx](http://ijmer.in/issues/volume10/volume10-issue4(3).aspx))
- Sherry Nasir and Ashish Verma, Designing a cost effective embedded system using internet of things Technology for monitoring health issues in rural areas in Indian perspective: A Theoretical Approach; Vidyabharati International interdisciplinary research journal (special issue) ISSN 2319-4979 (<http://www.viirj.org/specialissues/2021/SP2113/SP2113.html>)
- Sherry Nasir and Ashish Verma, Role of Embedded system for X-ray comparison of lungs to detect COVID-19 affected person at the entry point of Aerodromes, Railway station and Metro station in perspective of India, SAMIRIDDHI, Vol.10, Issue 4(3), (2022) ([http:// 10.18090/samriddhi.v14i01.17/](http://10.18090/samriddhi.v14i01.17/))
- Sherry Nasir, Ashish Verma, Arpan Verma, A Review Article on Role of Embedded Systems based Robotics Controlled Judiciary Library. SAMRIDDHI, A Journal of Physical Sciences, Engineering & Technology Vol. 15, Issue 1(January, 2023)

Participations:

- 9th International Conference on Current Research Trends in Pharmacy, Engineering, Agriculture, Science, Technology and Management during Pandemic, Swami Vivekananda University, Sagar, 27028 Feb,2021[Paper Presentation]
- National Conference on Advances in Information, Science and Technology-2021[Paper Presentation]
- A one day International symposium on Research Conclave on Industry 4.0, hosted by M.L.Dahanukar College of Commerce, Mumbai, 4th October 2021[Paper Presentation]
- International Conference on Current Trends in Advanced Materials and their application for Societal Development, Department of Physics, Dr. Harisingh Gour V.V., Sagar M.P. [Poster Presentation]
- 27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII) on Advances in Information Science and technology, Vignan's Institute of Information Technology A, Visakhapatnam, A.P. India, 26-28 October, 2021.[Paper Presentation]

Conferences/Webinars Volunteered:

- Anchor, International conference on Interface of Physical , Chemical and Biological Sciences (IPCBS) 2017, Dr. Harisingh Gour V.V., Sagar M.P..
- Anchor, National Science Day, Dr. Harisingh Gour V.V., Sagar M.P.
- Anchor, National conference on Energy for Sustainable development (NCESD) 2017, Dr. Harisingh Gour V.V., Sagar M.P.
- Volunteer, A webinar on Optimized Digital Logic circuit design and Testing By Dr. Fazal Noorbhasha, K L University, Guntur,A.P., 20/06/2020, Department of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on [A] Emerging fields of Modern Electronics, By Prof. Rajkamal, DAVV, Indore [B] Role of MATLAB in Physics, Dr. Alka Dubey, Former Principal, AIST, Sagar, 30/6/2020, Department of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on Nano-photonic Material and Devices, By Prof. Shobha Shukla. IIT, Bombay,18/7/2020, Deptt. of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on Research Frontier of IoT By Prof. Ajay K. Shrivastava, 9/8/2020, Deptt. of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on Luminescence and its future By Prof. Nameeta Bramhe, 20/06/2021, Deptt. of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on Medical Physics and Nano-Medicine for Cancer Treatment by Dr. Abdul Parchur12/7/21, Deptt. of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on Towards a smarter battery management system for electric vehicle applications by Dr. Anji Reddy Polu, BVRIT Hyderabad college of Engineering 12/02/2022, Deptt. of Physics, Dr. Harisingh Gour V.V., Sagar.
- Anchor, A webinar on Metal oxide Nanomaterials for Sensing Applications, some experimental results. by Prof. N.K. Pandey, University of Lucknow, 28/02/2022, Deptt. of Physics, Dr. Harisingh Gour V.V., Sagar.