


Title (Ms./Mr./Dr/ Prof.)	Dr	First Name	Rashmi	Last Name	Menon	Photograph
Designation	Assistant Professor					
Department	Physics					
Address	Kalindi College					
(Official)	(University of Delhi)					
	East Patel Nagar, New Delhi-110008					
Phone No.	011-25787604, Fax: 011-25782505					
Email	rashmimenon@kalindi.du.ac.in kalindisampark.du@gmail.com					
Education						
Subject	Institution			Year	Details	
B.Sc. (H) Physics	Acharya Narendra Dev College, DU			2002		
M.Sc. Physics	Hindu College, DU			2004		
NET	CSIR-UGC			2004		
PhD	Department of Physics and Astrophysics, DU			2012	Growth and Characterization of ZnO for UV application	
Career Profile						
Organization/ Institution		Designation	Duration		Role	
D.A.V Centenary College, Faridabad, MDU		Assistant Professor (Ad-hoc)	26-07-2005 to 31-03-2006 08 months,06 days		Teaching Undergraduate Classes	
Acharya Narendra Dev College, Govindpuri, Delhi University		Assistant Professor (Ad-hoc)	28-10-2007 to 30-04-2009 01years,06months,02 days		Teaching Undergraduate Classes	
Keshav Mahavidyalaya, Pitampura, Delhi University		Assistant Professor (Ad-hoc)	18-07-2009 to 23-10-2009 03 months,05 days		Teaching Undergraduate Classes	
Kalindi College, Patel Nagar, Delhi University		Assistant Professor (Ad-hoc)	28-10-2009 to till date 13 years		Teaching Undergraduate Classes	
Research Interests/Specialization						
Material Science / Electronics						
Administrative Assignments / Contribution to corporate life						
2011-2012						
1. Convener of Rangoli Competition in “Lehren-College Cultural Fest”.						
2012-2013						
1. Co-Convener of PHYSCOM Society of College. 2. Co-Convener of “Bits & Bytes” Event organized by PHYSCOM Society of College. 3. Co-Convener of Annual Day Report Committee in “Annual Day Function”.						
2013-2014						
1. Co-Convener of PHYSCOM Society of College. 2. Co-Convener of “Bits & Bytes” Event organized by PHYSCOM Society of College. 3. Co-Coordinator of Power Point Presentation (PPT) of ECO CLUB in “Gyan Leher”.						

4. Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
5. Co-Convener of Annual Day Report Committee in “Annual Day Function”.
2014-2015
1. Co-Convener of PHYSCOM Society of College.
2. Co-Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
3. Co-Convener of Annual Day Report Committee in “Annual Day Function”.
2015-2016
1. Co-Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
2. Co-Convener of Annual Day Report Committee in “Annual Day Function”.
2015-2016
1. Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
2. Co-Convener of Annual Day Report Committee in “Annual Day Function”.
2016-2017
1. Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
2. Co-Convener of Annual Day Report Committee in “Annual Day Function”.
2017-2018
1. Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
2. Member of Annual Day Report Committee in “Annual Day Function”.
2018-2019
1. Co-Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
2. Member of Annual Day Report Committee in “Annual Day Function”.
2019-2020
1. Co-Convener of Rangoli Competition in “Lehren-College Cultural Fest”.
2. Member of Annual Day Report Committee in “Annual Day Function”.
2020-2021
1. Co-Convener of Annual Report 2019-2020.
2. Co-Convener of Rangoli Club.
3. Co-Convener of Physithon – The Physics Society.
4. Member, Criterion II, NAAC.
5. Member, Result Analysis Committee, Department of Physics, Kalindi College
6. Co-Convener of an inter-college online quiz competition, “ <i>PHYSICS PROMETHEUS</i> ” organized by Physithon- <i>The Physics Society</i> of Kalindi College held on 26/09/2020.
7. Co-Convener of a video making competition, “ <i>COLLOQUIUM.mp4</i> ” organized by Physithon- <i>The Physics Society</i> of Kalindi College held on 25/09/2020-28/09/2020
8. Co-Convener of online career counseling, “ <i>FUTURE.ly</i> ” organized by Physithon- <i>The Physics Society</i> of Kalindi College held on 29/10/2020.
9. Co-Convener of Webinar on “ <i>CHALLENGES OF ONLINE MODE OF EDUCATION</i> ” organized by Physithon- <i>The Physics Society</i> of Kalindi College held on 02/12/2020.
10. Technical Committee and Trainer in Online Workshop for University Laboratory “ <i>Skill Enhancement by ICT Learning in the Period of Online Knowledge Exchange</i> ” organized by Department of physics, Kalindi College held on 09/12/2020 and 10/12/2020.
11. Organizing Committee in Online Workshop on “ <i>Challenges of Teaching Physics Laboratory courses in Online Mode</i> ” organized by Kalindi College with The National Academy of Sciences India (NASI) - Delhi Chapter held on 23/01/2021 and 24/01/2021.
12. Co-Convener of an inter-college online event, “ <i>KUGELBLITZ’21</i> ” organized by Physithon- <i>The Physics Society</i> of Kalindi College held on 30/01/2021.
13. Organizing Committee in Online Seminar on “ <i>Exploring Physics with Experts!!</i> ” organized by Kalindi College with The National Academy of Sciences India (NASI) - Delhi Chapter held on 10/02/2021.
14. Co-Convener of Poster Making Competition organized by Physithon- <i>The Physics Society</i> in

collaboration with Anti-Tobacco Committee, Kalindi College held on 24/04/2021.
 15. Co-Convener of an online Alumni Talk “ALUMNI TALK” organized by Physithon-*The Physics Society* of Kalindi College held on 24/04/2021.

2021-2022

1. Co-Convener of Physithon – The Physics Society.
2. Co-Convener of General Assembly for 3rd year students.
3. Member, Criterion II, NAAC.
4. Member, Result Analysis Committee, Department of Physics, Kalindi College

Teaching Experiences (Subject/Courses taught)

B.Sc. (H) Physics I, II, III AND B.Sc. (Physical Science) I, II, III

Research Guidance

NA

Publication (Peer Reviewed/Indexed Journals)

Year of Publication	Title	Journal (Name of the Journal. Vol Issue ISSN)	First /Corresponding /Sole/Co-Author
2008	Influence of stress on the structural and dielectric properties of RF magnetron sputtered zinc oxide thin film	J. Appl. Phys. 103, 094903; ISSN Number: -0021-8979	First Author
2008	Enhanced UV photo-response of Nanostructure Zinc Oxide (ZnO) thin film irradiated with pulsed laser	Proceedings of Opto- electronics and microelectronics Materials and Devices, Sydney, Australia, Art No. 4802091, pp 55-58; ISSN Number: - 1097-2137	Co Author
2009	Enhanced photo-response of Thermally treated Zinc oxide Ultra-violet photon detector with furnace method and pulsed laser irradiation	Proceeding of IEEE Sensors Conference, IEEE Sensors, New Zealand, pp 437-440; ISSN Number: - 1530-437X	First Author
2011	Origin of stress in rf magnetron sputtered zinc oxide thin films	J. Appl. Phys. 109, 064905; ISSN Number: - 0021-8979	First Author
2012	Enhanced UV Photon-response of Tin Nano Cluster Loaded- laser Irradiated ZnO Thin film detector	Proceeding of MRS (mrsf10-1288-g06-42), MRS Fall Meeting, Boston, USA; ISSN Number: -0021-8979	First Author

Seminar/Workshop/Conferences Presentation/Organization

International conferences:

1. “*Effect of stress and film thickness on photo response of ZnO UV photon detector*”, **Rashmi Menon**, K. Sreenivas and Vinay Gupta, **International conference on Advanced Materials and Applications (ICAMA-2007)**, 15-17 November 2007, Shivaji University, Kolhapur, Maharashtra, India.
2. “*Influence of processing pressure and gas composition on structural and electrical properties of sputtered Zinc Oxide thin film*”, **Rashmi Menon**, Vinay Gupta and K. Sreenivas, **International conference on Advanced Materials and Applications (ICAMA-2007)**, 15-17 November 2007, Shivaji University, Kolhapur, Maharashtra, India.
3. “*Enhanced photo response of ultrathin nanoscale ZnO UV photon detector*”, **Rashmi Menon**, Srinivas and Vinay Gupta, **Indo-Australia Symposium on Multifunctional Nanomaterials Nanostructures and Application (MNNA 2007)** 19-21 December 2007, University of Delhi, Delhi
4. “*Enhanced UV photo-response of Nano-structured Zinc Oxide (ZnO) thin film irradiated with pulsed laser*”, Vinay Gupta, **Rashmi Menon**, K. Sreenivas, **Conference on Optoelectronics and microelectronics Materials and Devices (COMMAD-2008)**, Sydney, Australia.
5. “*Photoconductive studies of Zinc Oxide Nanowires grown by Vapor-Liquid-Solid method*”, **Rashmi Menon**, Arijit Chowdhury, H.H. Tan, C. Jagdish, K. Sreenivas and Vinay Gupta, **Sir**

Mark Oliphant Nanophotonic Down Under: Devices and Application (SMONP-2009), Melbourne, Australia

National conferences:

1. “*Vibrational and luminescence properties of vertically aligned and oriented ZnO nano-rods grown by pulsed laser deposition*”, **Rashmi Menon**, Vinay Gupta, S.P Singh, K. Sreenivas and R.S. Katihar, **National Seminar on Multifunctional Nanomaterials, Nanostructures and Application (MNNA-2006)**, 22-23 December 2006, University of Delhi, Delhi.
2. “*Effect of processing conditions on structural and electrical properties of sputtered ZnO films*”, **Rashmi Menon**, Amit Tanwar, K. Sreenivas and Vinay Gupta, **National Seminar on Electro ceramics (NSE-2007)**, 5-6 November 2007, GVM Girls College, Sonapat, Haryana.
3. “*Stress and film thickness effect on photo response of ZnO UV photon detector*”, **Rashmi Menon**, Shibu Saha, K. Sreenivas and Vinay Gupta, **ISSS National Conference on MEMS, microsensors, smart materials, structures and system**, 16-17 November 2007, Ceeri, Pilani, Rajasthan.
4. “*Nanostructured ZnO for UV detector applications*”. **Rashmi Menon**, Monika Tomar, Harish Kumar Yadav, K. Sreenivas and Vinay Gupta, **Nanosensors-2008**, 22-23 December 2008, I.I.T, Delhi

Workshops/Seminars:

1. *Workshop on Wiki-educator: Open Educational Resources* in Acharya Narendra Dev College, University of Delhi, 3-5 October 2008
2. *Workshop on Multimedia Content Development* in Acharya Narendra Dev College, University of Delhi, 20-25 April 2009
3. *ILLL Workshop Tier III* in Kalindi College, University of Delhi, 16-28 April 2010
4. *Workshop on 3D Printing* in Cluster Innovation Centre, University of Delhi, 28 Feb-01 March 2015
5. National seminar on “New Roles of Teachers in technology-Driven Higher Education”, 1st March 2017, SGBT Khalsa College, University of Delhi, Delhi
6. National Seminar on “A PARADIGM SHIFT TOWARDS EMPOWERMENT OF WOMEN (NSSC-2017)”, 3-4 February 2017, Kalindi College, University of Delhi, Delhi
7. National Workshop on “*Quantum Physics: An Insight*”, 25-26 October 2017, Kalindi College, University of Delhi, Delhi.
8. DBT sponsored Faculty Development Workshop “Introduction to Scilab”, 22-23 September 2017, Hansraj College, University of Delhi, Delhi.
9. Seminar on “*Nuclear, particle and Accelerator Physics*” jointly organized by Department of Physics, Kalindi College and The National Academy of Sciences (NASI) Delhi Chapter on 6th November, 2019 at Kalindi College
10. Online Awareness Program on “*National Digital Library of India*” organized by Kalindi College with IIT, Kharagpur and Human Resource Development Ministry, Govt. of India held on 04/08/2020.
11. Online Workshop on “*Challenges of Teaching Physics Laboratory courses in Online Mode*” organized by Kalindi College with The National Academy of Sciences India (NASI) - Delhi Chapter held on 23/01/2021 and 24/01/2021
12. Online Seminar on “*Exploring Physics with Experts!!*” organized by Kalindi College with The National Academy of Sciences India (NASI) - Delhi Chapter held on 10/02/2021.
13. National Webinar on “*Humanity’s Call, Vaccine for all Geopolitics of Vaccine: Access, R&D and Manufacturing*” organized by Kalindi College with Universal Access for Vaccine and

Medicine & Swadeshi Shodh Sansthan held on 22/06/2021.

Awards/ Distinctions/ Fellowship

Visiting Fellow in Department of Electronic Material Engineering, Research School of Physics and Engineering, Australian National University, Canberra, Australia from 1 June 2009 to 30 June 2009

Public Service/ University Service/ Consulting Activity

NA

Professional Societies/Memberships

1.Member of Indian Association of Physics Teacher (IAPT), Kanpur

Projects (Major Grants/ Collaborations)

1. “Student Database System by C++”

Principal Investigator: - Dr. Rashmi Menon and Dr. Aravind

Kumar Tenure: -25/03/2016

Sponsored: - Self Sponsored

2. “Investigation of Mechanics Problems through Computer Stimulation using Scilab”

Principal Investigator: - Dr. Monika Bassi, Dr. Rashmi Menon, Dr. Majhar Ali and Ms.

Varsha Tenure: -23/09/19 to 20/03/2021

Sponsored: - Kalindi College

Other Details

NA