


FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/Prof)	Dr	FirstName	Rashmi	LastName	Menon	Photograph
Designation	Assistant Professor (Adhoc)					
Department	Physics					
Address (Official)	Kalindi College (University of Delhi) East Patel Nagar, New Delhi-110008					
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Email	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

Organisation/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 10 years, 07 months	Teaching Undergraduate Classes

Research Interests/Specialization

Material Science / Electronics

Administrative Assignments / Contribution to corporate life

2011-2012

1. Convenor of Rangoli Competition in "Lehren-College Cultural Fest".

2012-2013

1. Co-Convenor of PHYSCOM Society of College.
2. Co-Convenor of "Bits & Bytes" Event organized by PHYSCOM Society of College.
3. Co-Convenor of Annual Day Report Committee in "Annual Day Function".

2013-2014

1. Co-Convenor of PHYSCOM Society of College.
2. Co-Convenor of "Bits & Bytes" Event organized by PHYSCOM Society of College.
3. Co-ordinator of Power Point Presentation (PPT) of ECO CLUB in "Gyan Leher".

<p>4. Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>5. Co-Convenor of Annual Day Report Committee in “Annual Day Function”.</p> <p>2014-2015</p> <p>1. Co-Convenor of PHYSCOM Society of College.</p> <p>2. Co-Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>3. Co-Convenor of Annual Day Report Committee in “Annual Day Function”.</p>			
<p>2015-16</p> <p>1. Co-Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>2. Co-Convenor of Annual Day Report Committee in “Annual Day Function”.</p>			
<p>2016-17</p> <p>1. Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>2. Co-Convenor of Annual Day Report Committee in “Annual Day Function”.</p>			
<p>2017-18</p> <p>1. Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>2. Member of Annual Day Report Committee in “Annual Day Function”.</p>			
<p>2018-19</p> <p>1. Co-Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>2. Member of Annual Day Report Committee in “Annual Day Function”.</p>			
<p>2019-20</p> <p>1. Co-Convenor of Rangoli Competition in “Lehren-College Cultural Fest”.</p> <p>2. Member of Annual Day Report Committee in “Annual Day Function”.</p>			
<p>Teaching Experiences (Subject/Courses taught)</p> <p>B.Sc (H) Physics I,II,III</p>			
<p>Research Guidance</p> <p>NA</p>			
<p>Publication (Peer Reviewed/Indexed Journals)</p>			
Year of Publication	Title	Journal (Name of the journal. Vol Issue ISSN)	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 / Corresponding / Sole
2008	Enhanced UV photo-response of Nanostructured 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 / Corresponding / Sole
2011	Origin of stress in rf magnetron sputtered zinc oxide thin films	J. Appl. Phys. 109, 064905; ISSN Number :- 0021-8979	First / Corresponding / Sole
2012	Enhanced UV Photon-response of Tin Nano Cluster Loaded- laser	Proceeding of MRS (m rsf10-1288-g06-42), MRS	First / Corresponding

Seminar/Workshop/Conferences Presentation/Organisation

International conferences:

1. “*Effect of stress and film thickness on photoresponse 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 photoresponse of ultrathin nanoscale ZnO UV photon detector* ”, **Rashmi Menon**, K. Sreenivas and Vinay Gupta, **Indo-Australia Symposium on Multifunctional Nanomaterials**,
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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 Opto-electronics and microelectronics Materials and Devices (COMMAD-2008)**, Sydney, Australia.
5. “*Photoconductive studies of Zinc Oxide Nanowires grown by Vapour-Liquid-Solid method*”, **Rashmi Menon**, Arijit Chowdhuri, H.H. Tan, C. Jagdish, K. Sreenivas and Vinay Gupta, **Sir Mark Oliphant Nanophotonics 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. Katiyar, **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 Electroceramics (NSE-2007)**, 5-6 November 2007, GVM Girls College, Sonapat, Haryana.
3. “*Stress and film thickness effect on photoresponse 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:

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 “*सक्षम महिला, सक्षम समाज : एक वैज्ञानिक दृष्टिकोण % A PARADIGM SHIFT TOWARDS EMPOWERMENT OF WOMEN (NSSC-2017)*”, 3-4 February 2017, Kalindi College, University of Delhi, Delhi
7. Attended National Workshop on “*Quantum Physics: An Insight*”, 25-26 October 2017, Kalindi College, University of Delhi, Delhi.
8. Attended DBT sponsored Faculty Development Workshop “*Introduction to Scilab*”, 22-23 September 2017, Hansraj College, University of Delhi, Delhi.
9. Participated in 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

Awards & Distinctions

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
 2. Member of Knowledge Action and Learning Society (KAL), Delhi
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Projects(Major Grants/ Collaborations)

NA

Other Details

NA
