




K. S. SCHOOL OF ENGINEERING & MANAGEMENT

KSSEM
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15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109, Karnataka, INDIA.

Faculty Name	Kusuma M	
Designation	Assistant Professor	
Educational Qualification	MSc (PhD)	
Experience in Years	Teaching: 12 years Industry : NIL	
Areas of Interest	Nuclear Astrophysics	
E-mail	kusuma@kssem.edu.in	

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	B.M.S College for Women, Bangalore University	2007
PG	Jnana Bharathi Campus, Bangalore University	2009
PhD	Persuing

Publications

Journal Publications:

1. Model Independent Analysis in (γ , n) Reactions Using Deuterium Targets, Materials today proceedings, November 2021.

Conference Papers :

1. Target vector analyzing power in $d(\gamma, n)p$ at astrophysical energies, conference proceedings , 60th DAE-BRNS International conference on Nuclear Physics- December 2015.
2. Recoil neutron polarization with circularly polarized photons in photodisintegration of deuterons at astrophysical energies, presented paper in -61st DAE-BRNS International conference on Nuclear Physics- December 2016.
3. N – N Spin Entanglement in Photodisintegration of deuteron with 100% Linearly Polarized Photons, presented paper in -63rd DAE-BRNS International conference on Nuclear Physics- 9th-14th December 2018.

Awards

1. Teacher of Excellence Award for 100% Result-August 2017.

Other Accomplishment

1. Participated in 64th DAE-BRNS Symposium on Nuclear Physics, 2019, December 23-27, 2019, Department of Physics, University of Lucknow, Lucknow, U.P. 226007
2. Attended one day workshop on Research methodology on 30th January 2014 held at KSSEM.
3. Attended workshop on Intellectual property rights significance for academia addressed on 31st July 2015.
4. Attended FDP on Outcome Based Education and Bloom's taxonomy on 4th to 5th December 2015 held at KSSEM.
5. Attended State level seminar on Astrophysics-Recent Developments at MMK & SDM Mahila Maha Vidyalaya Mysore on 12th Feb 2016.
6. Attended five days FDP on Animation and Corel draw on 11th to 15th July 2016 Organized by Dept. of Science and Humanities KSSEM
7. Attended FDP on research proposal preparation towards Ph.D. admission Programme addressed by principal on July 2017.

8. Attended FDP on New model curriculum for first year BE CBCS Detailed syllabus 2018-18 as per outcome based education format including course outcomes and blooms taxonomy at BIT, Bengaluru on 7th MAY, 2018.

Professional Membership

1. ISTE-LM 94813
2. Asia Society of Researchers
3. International Association of Academic Plus Corporate-FRT JQC- CE000893

Contact Details

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