

RESUME

Dr. Mily Jashank

Ph.D (Physics), M.Phil & M.Sc (Electronics)

Building No. 2, 2102 – Rosa Oasis,

Hiranandani Estate, G.B. Road

Thane 400615

Contact No. : +919892361122

E-Mail : dr.milyjashank@gmail.com

Passport No. :J1683636



Aadhar Card No.: 487197595581

SUMMARY:

- Pursuing MBA from Manipal University.
- Approved Asst. Prof. of University of Mumbai for the AY 2020-21.
- Completed 1 month mobility programme from Santiago de Compostela, Spain, through EUPHRATES scholarship in May 2017.
- I/c Principal for Thakur College of Science – 1019, Kandivli (E), for four years.
- Ph.D. in Physics from University of Mumbai.
- Twenty four years of Teaching experience.
- Thirteen research papers published in the International Journals.
- Two research papers published in the National Conferences.
- Written and published three text books for the First Year Diploma Engg. Students.
- Received the Best Teachers Award for an interactive teaching style that encouraged student's participation and enthusiasm while facilitating learning.
- Holding the position of HOD for the Diploma Engg.& Humanities Dept.

CAREER OBJECTIVE:

- To continue research in related subjects in renowned Colleges / Universities requiring my service.
- To lead Institutes.

Ph.D. THESIS TITLE:

Design the network of sensors and nodes for the prior determination of increase in seismicity and study the variations in physical parameters using embedded systems.

(Registration no: 101/21-11-12)

EDUCATIONAL BACKGROUND:

Examination Passed	School / College	Board / University	Year of Passing	Percentage	Division
Ph.D (Physics)	University of Mumbai, Kalina	Mumbai	2015	--	--
M Phil (Physics)	Global Open University	Open University	2009	74%	1 st Class
M.Sc (Physics)	University of Mumbai, Kalina	Mumbai	1998	71%	1 st Class + Distn

DISM	APTECH Comp. Education, Powai	APTECH Comp	1997	72%	1 st Class + Distn
B.Sc (Physics)	D.G. Ruparel, Matunga Rd.	Mumbai	1996	75%	1 st Class

WORK EXPERIENCE:

- Incharge Principal for Thakur College of Science, Kandivli (E) from 2016 - 2017 to the academic year 2020 - 21.
- Working with Thakur Polytechnic, Kandivli(E), Mumbai, from 1998, (Total 23 years).
- Also working as Incharge HOD for the First Year Diploma Engg. and Senior Lecturer (Physics Dept.)

ACHIEVEMENTS:

- Completed one month (May 2017) mobility program as Academic Staff from Santiago de Compostela, Spain. Scholarship under EUPHRATES.
- Received the Excellence award for the completion of fifteen years of service in 2013.
- Awarded as the Best Teacher for the year 2000 – 01.
- Appreciation for Heading various events.
- Life Member of ISTE.

OTHER ACTIVITIES:

- Conducted various Development Programmes Seminars for the students and staffs.
- Good experience in conducting Examinations, Internal & Board Examinations.
- Worked as Controller of Examination, Officer In Charge in Board Examinations.
- Worked as Internal and External Vigilance Squad Chairman / Member.
- Worked as Cultural and Sports Committee member.
- Attended various Training Programmes for the Staff Development.
- Active member of Monitoring Committee, Internal & External.
- Worked for the college admission process.
- Preparation of Time Table.
- Worked as RAC (Regional Assessment Centre) In Charge.

TRAINING DETAILS:

- One week National level FDP on ‘Industry 4.0: Current Status and Future Trends – (I4.0:CSAFT) organized by Government Polytechnic, Mumbai from 28th February to 4th March 2022.
- Three days National level FDP on ‘Conservation of Natural Resources’ organized by Vidhyavardhini’s B.V. Polytechnic, Vasai from 16th to 18th February 2022.
- Two days State level FDP on ‘Coding and Data Analysis for Advertising and Marketing Research’ organized by Bunts Sangha’s S. M. Shetty College, Powai on 15th and 16th September 2021

- One week National level FDP on 'Transformation in Indian Education through New Education Policy – Challenges and Opportunities', organized by UGC, under Paramarsh Scheme from 5th July to 11th July 2021.
- Five days National level FDP on 'Innovation, incubation, start-ups and research challenges in India', organized by St. Mary's Centenary Degree college, Secunderabad from 29th June to 3rd July 2021.
- Two days workshop on 'NAAC Workshop' by IAE, Telangana, on 21st and 22nd June 2021.
- Webinar on 'Lateral Thinking: The Cheat code for Innovation' organized by Institutions Innovation Council, Goa on 18th June 2021
- Participation in Quiz competition organized on behalf of 'World Environmental day' organized by ZSCT's TCS, Mumbai, on 10th June 2021
- Participation in Quiz competition organized on behalf of 'World Environmental day' organized by B.L.P. Govt College, MP, on 5th June 2021
- Three days International Conference on 'Nanomaterials & Nanotechnology, ICONN-2021' by Department of Physics, University of Mumbai, from 25th March to 27th March 2021.
- One week Faculty Development program on 'Earth System Science for Society' organized by Dept. of Civil Engg, PES Institute of Technology, New Delhi, from 30th Nov to 5th Dec 2020.
- Five days Faculty Development programme on 'IoT Communication Technologies' organized by VIT, Chennai, from 24th to 28th November 2020
- Participated as the 'Member of Advisory Committee' in International Webinar on 'Role of Social services in COVID-19 Situation' organized by Anjuman Islam Janjir Degree college of science, Murud Janjira on 3rd September 2020
- Webinar on 'Remote sensing and its applications' organized by Dept. of Civil engg. SVCE, Bengaluru on 18th July 2020
- National Web-conference on 'Application of Geospatial Technology in Disaster Management' organized by Dept. of Geography and IQAC, Bhosale college, Koregaon on 17th July 2020
- Nineteen days online course on 'Remote sensing & GIS technology and applications for University teachers' organized by IIRS, ISRO Dehradun, from 13th June to 1st July 2020.
- Five days workshop (FDP) on 'Effective use of ICT tools in teaching learning process' organized by Govt. Polytechnic, Malvan from 8th June to 12th June 2020
- Webinar on 'Data Analytics with Power BI' organized by K.K.Wagh Polytechnic, Nashik, on 6th June 2020
- Three days workshop on 'Physics of Materials' organized by Dept of Physics, Jain University from 28th to 30th May 2020
- Webinar on 'Role of Development Communication in Society' organized by Amity University, Gwalior, on 26th May 2020.
- Five days' workshop on 'Inculcating Universal Human Values in Technical Education' organized by AICTE, from 13th to 17th May 2020.

- Two days' workshop on 'Lasers, Fiber Optics & Optical Communications, Fiber Sensors' organized by the Indian women Scientists' Association on 6th and 7th March 2020.
- One day Orientation program on 'I Scheme Curriculum Implementation' at Govt. Polytechnic, Bandra on 27th June 2017.
- Two days training program on 'NBA and its effective implementation' at Thakur Polytechnic, on 16th and 17th April 2016.
- Two days training program on 'ISO 9001:2008 Quality Management Systems Internal Auditor course' at Mumbai conducted by BSI (British Standard Institution) on 3rd and 4th April 2016.
- Two week ISTE STTP on 'Engineering Physics' at the remote center Thakur College of Engg. & Technology, from 8th to 18th December 2015.
- National workshop on 'Particle Accelerometers: Science, Technology and Applications' at University Department of Physics, on 29th November 2014.
- National Seminar on 'Academic Excellence through quality technical education – opportunities & challenges', at Thakur College of Engg. & Tech. on 23rd and 24th January 2014.
- National workshop on 'Python in Science Education' at University Department of Physics, on 19th and 20th September 2013.
- Two week Teachers Training Programme at Thakur Polytechnic, Mumbai in December 2012, conducted by NITTTR, Bhopal on 'Induction Phase – II
- Ten days Teacher's Training Programme on 'Research Methodology' conducted by IIT, Bombay at Somaiya College of Engineering, from 25th June to 4th July 2012.
- One week Training Programme in Pravin Patil Polytechnic, Mumbai on 'Embedded Systems' in October 2011.
- Completed a three months short term module on '8051 Microcontrollers, PIC Microcontrollers and Embedded System in C', from ACRET, Andheri in July 2011.
- Two week Teachers Training Programme at Thakur Polytechnic, Mumbai in July 2010, conducted by NITTTR, Bhopal on 'Induction Phase – I'.
- One week Training Programme at Khopoli in February 2010, conducted by MSBTE, on 'SOLAR ENERGY AND PV SYSTEM'.

LIST OF RESEARCH PUBLICATIONS

RESEARCH PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

1. 'Study the Properties of Titanium Oxide and Zinc Oxide to apply it in Paints and Coatings as an application of Nanotechnology' Paper presentation at the International Conference on Recent Advances in Engg. Tech and Science (ICRAETS) held in New Delhi on 14th July 2019, Pp 1-5.
2. 'Nano-TiO₂ doped Hydroxyapatite nanoceramics: Development of Alcohol sensor', Oral presentation in International conference on Nano Science & Engineering Applicatons, held during 4th to 6th October 2018 (ICONSEA-2018) at JNTU, Hyderabad, Pp – 84.
3. 'Analysis of Radon Gas Variation as a Precursor of Earthquake Prediction Using RAD7', International Journal of Advanced Research (IJAR), July 2016.

4. 'Light Based Technology to Study the Illuminance of the Atmosphere Before Earthquakes', Conference on 'Photons: Multiple & Creative Solutions to Challenges', 2015
5. 'Pre-Analysis of Extremely Low Frequency Magnetic Signals to Predict Earthquakes', Institute of Electrical and Electronics Engineers (IEEE) Xplore digital library, (accepted) 2014.
6. 'Wireless transmission and analysis of physical variations in the atmosphere using ZIGBEE', International Journal of Scientific Research, Vol. 9, Pp 48– 53, 2014.
7. 'Analysis of Environmental Temperature Variation as a Precursor of Earthquake Prediction Using I2C', Institute of Electrical and Electronics Engineers (IEEE) Xplore digital library, (accepted and published), 2014.
8. 'Development of Radon Gas Sensor to Monitor the Precursors of Earthquake', International Journal of Scientific Research, Vol. 4, Pp 10– 15, 2014.
9. 'GPRS transmission of onsite temperature variations', International Journal of Computer Application, Number 4, Pp 289 – 293, 2013.
10. 'Analysing and Monitoring Earthquake Vibrations using Geophones, Interfaced with Microcontroller', International Journal of Computer Application, Number 4, Pp 294 – 297, 2013.
11. 'Interfacing of LCD using PIC18', International Journal of Computer Applications, Pp 135, 2012.
12. 'Inter Integrated Circuits', International Journal of Computer Applications, Pp 820 – 824, 2012.
13. 'Serial Communication using PIC 18F4520 (USART)', International Journal of Computer Applications, Pp 136, 2012.

RESEARCH PAPERS PUBLISHED IN NATIONAL CONFERENCES

14. 'Managing a wireless Hobonode network', National conference on 'Advances in Engineering Technology & Management', Pp 30, 2011.
15. 'Use of Logic Analyzers in Signal Processing', National conference on 'Advances in Engineering Technology & Management', Pp 31, 2011.

REFERENCES

1. Dr. P.V. Pradhan

Ex - Registrar,
University of Mumbai
Mumbai
pvp2507@gmail.com
Mobile No.: 09820156530

2. Dr. Sheshmani K. Dubey

Professor
University of Mumbai
Vidyanagari, Kalina
Santacruz (E)
Mumbai 400098
skdubey@physics.mu.ac.in
Mobile No.: 09969141768

3. Dr. Sureshchandra J. Gupta

Adjunct Professor
University of Mumbai
Vidyanagari, Kalina
Santacruz (E)
Mumbai 400098
gupta1947@rediffmail.com
Mobile No.: 09820203333

4. Dr. Dinesh C. Kala

Professor
G.N. Khalsa College of Arts Science
& Comm.
Matunga (E)
Mumbai 400019
kaladc10964@yahoo.co.in
Mobile No.: 09892109094

PERSONAL DETAILS:

Sex : Female
Date of Birth : 1st October 1975
Nationality : Indian
Marital Status : Married
Languages Known : English, Hindi, Marathi and Malayalam

PLACE : Mumbai

DATE :

(Dr. Mily Jashank)