

**K.J. Somaiya Institute of
Engineering
&
Information Technology
Sion, Mumbai**

**Department of Basic Sciences and
Humanities**

Personal File



Dr. Shahin Pathan

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Assistant Professor

Assistant Exam Cell Incharge

Objective

Obtain an environment that will enable the use of exceptional interpersonal, creative, technical and teaching skills and support strong dedication to student's development and personal growth.

Professional Experience

- Working as Assistant Professor in K.J.Somaiya Institute of Engg. & Information Technology, Sion, Mumbai since July 2005 to till date.
- Worked as Lecturer in K.C. College of Engineering, Thane for one year.
- Worked as lecturer in Anjuman-I- Islam junior college for Two years.

Educational Qualification

1. Ph.D (Chemical Sciences) from S. D. School of Science, NMIMS University, Vile Parle, Mumbai.
 - M.Sc (Bio Chemistry) – Masters Degree in biochemistry from Seth GSMC College, Parel, Mumbai University in May 2000 with 62 %
 - B.Sc. (Chemistry) - Bachelors of Chemistry from B.N.Bandodkar College of Science, Thane, in May 1998 with 75%

- B.Ed in Science and Maths. – from MCES College of Education, Mumbra, Thane, in May 2001 with 71%.
- H.S.C. from B.N. Bandodkar College of Science, Thane, in May 1995 with 75%
- S.S.C. from Ideal school, Thane with 85%.

Papers published in International Journal:

1. Harsha Mishra, shahin Pathan, "Chemical Composition of Raw, Roasted and Boiled Kulthi Seeds "in International Journal of Chemical Sciences:8(1),445-450(2010).
2. Harsha Mishra, Shahin Pathan "Fatty Acid Composition of Raw and Roasted Kulthi Seeds" in Advance Journal of Food Science and Technology 3(6): 410-412(2011).
3. Shahin A. Pathan., Nancy S. Pandita, Nanoporous carbon synthesized from grass for removal and recovery of hexavalent chromium. Carbon Letters, Vol. 20, 1-9 (2016).
4. Shahin P., Nancy P., Nand K., Acid functionalized nanoporous carbon/MnO₂ composite for removal of arsenic from aqueous medium. Arabian Journal of chemistry, In press (2016).
5. Harsha Mishra, Shahin Pathan, Polyphenols and Tannins in Horse Gram a Lesser Known Legume from a Drought Prone Area of Maharashtra. SSRG International Journal of Humanities and Social Science (SSRG - IJHSS), Volume 6 Issue 2 Mar to Apr 2019.
6. Shahin Pathan, Harsha Mishra, Removal of Toxic Heavy Metals Lead and Mercury from Aqueous Medium by Adsorption onto Acid Functionalized

Nanoporous Carbon/MnO₂ Nano Composite. SSRG International Journal of Humanities and Social Science (SSRG - IJHSS) - Volume 6 Issue 2 Mar to Apr 2019.

Paper Presented in National conferences:

- 1) Harsha Mishra, Shahin Pathan. 'Waste water characterization in Thane District "in the 100th Indian Science Congress', Kolkata from 3rd to 7th Jan 2013.

- 2) Shahin Pathan, Nancy Pandita 'Transformation of Biomass into Mesoporous graphitic carbon Nanostructures by pyrolysis" School of Science, SVKM'S NMIMS University, 11-12th November 2013.

- 3) Harsha Mishra, Shahin Pathan " Analysis of Hospital Effluent with the Help of Chemical Parameters " 4th National conference " Advances In Technology and Management (NCATM 2017)" on 23rd - 24th March 2017 at A. C. Patil College of Engineering, Kharghar, Navi Mumbai

Paper Presented and published in International conferences:

- 1) Shahin Pathan, et al., Green Synthesis and Characterization of Cuprous oxide Nanoparticles using Tea Extract, 2nd International Conference, (ICAST-2019), April 2019

Books published:

- Book- "Chemical composition of Kulthi Seeds" -Nutritional Aspect in LAP Lambert Academic Publishing (Germany) in September 2011

Research Grants:

| Sr No | Title of Project | Sponsoring agency | Project Leader | Year in which started | Duration in months | Total |
|-------|---|-------------------|---------------------------------------|-----------------------|--------------------|----------------|
| 1 | Antinutritive features of little known legume Dolichos biflorus (Kulthi) from drought prone areas of Maharashtra. | Mumbai University | Dr Harsha Mishra & Prof Shahin Pathan | 2007 - 2008 | 1 year | Rs15000 |
| 2 | Green Synthesis and Characterization of carbon nano materials from biomass | Mumbai University | Prof Shaheen Pathan | 2012- 2013 | 1 year | Rs.25000 /- |
| 3 | Synthesis of Functionalized carbon from groundnut shell for removal of heavy metals from water | Mumbai University | Prof. Shahin Pathan | 2015- 2016 | 1 year | Rs 25000 |
| 4 | Synthesis and Characterization of Cu ₂ O nanoparticles using plant extract. | Mumbai University | Prof. Shahin Pathan | 2018-19 | 1 year | Rs. 40000/- |

Other contribution:

- Reviewed research paper from Korean Journal of Chemical Engineering, May 2019.
- Paper setter of AC-II during year 2015 to 2016 for Somaiya College of Engineering, Vidyavihar.
- Coordinated STTP

Subject Taught:

- Applied Chemistry I and II
- Engineering Chemistry I and II

Institute level responsibilities:

- Assistant Exam cell Incharge

Institute level committees:

- Member of Library committee

Conference/seminars/workshop/training programs attended/organised:

| Sr. No. | Name of STTP/Workshops Seminar/Expert talks / Industrial Visits etc. | Date | Venue | Attended (A) Organised (O) Delivered (D) |
|----------------|---|---|---|---|
| 1 | UGC sponsored Orientation Program | Nov2009-24th Dec 2009 | Academic staff College, UOM | A |
| 2 | National Conference on Soft Condensed Matter | 6th June to 8th June 2012 | Institute of Chemical Technology | A |
| 3 | ISTE approved Workshop on Research Methodology and Open Source Tools | 17 th Dec 2012 to 21 st Dec 2012 | K J Somaiya Institute of Engineering & IT Sion | A |
| 4 | National Symposium on Multidisciplinary Research in Biomedical and Applied Sciences | 11th and 12th November 2013 | School of Science SVKM's NMIMS, Vile Parle. | A |
| 5 | INUP Familiarization Workshop on Nanofabrication Technologies | 26 th ,27 th ,28 th May 2014 | IIT Bombay Mumbai | A |
| 6 | Coordinated Workshop on "Analytical Nano science for Chemists "and also gave presentation on the topic of Nanoscience during the Workshop | 21 st and 22 nd November 2014 | School of Science SVKM's NMIMS, Vile Parle. | O |
| 7 | Two day conference" 5th edition of waste management summit 2014" Confederation of Indian Industry (CII). | 16-17 December2014 | Hotel Palladium, Lower Parel Mumbai | A |
| 8 | Conference of 102 nd Indian Science Congress, Mumbai | 03-07 January 2015 | Mumbai University ,Kalina Santacruz | A |
| 9 | Expert talk on Future of Nanotechnology by Dr. M. Sheron | 2 nd Feb 2015 | KJSIEIT | A |
| 10 | Expert Talk on Developing Ecological Consciousness by Dr. Sugandha Shete | 25 th August2015 | KJSIEIT | A |
| 11 | One Day Workshop on LaTeX | 29th August 2015 | IIT Bombay Mumbai | A |
| 12 | National Symposium on Evangelizing Internet of Things(IoT) | 05 th October 2015 | KJSIEIT, Sion In association with the Institution of Engineering and Technology (IET, Mumbai Local Network) | A |
| 13 | NPTEL Awareness Workshop | 8th January 2016 | K J Somaiya Institute of Engineering & Information Technology | A |
| 14 | "Blooms Taxonomy Qualitative Assessment " | 10 th to 12th February 2016 | K J Somaiya Institute of Engineering & | A |

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| | | | Information Technology | |
| 15 | STTP on "Mathematical Modelling and Applications in Technology " | 11th to 15th May 2015 | Department of Basic Sciences & Humanities of K J Somaiya Institute of Engineering & IT, Sion | A |
| 16 | "NAAC Process, Criteria & Audit" | 25th to 29th April 2016 | K J Somaiya Institute of Engineering & Information Technology | A |
| 17 | National Seminar on Recent advances in Spectroscopy and Analytical Techniques | 14 th -17 th October 2015 | School of Science SVKM's NMIMS, Vile Parle. | A |
| 18 | Expert Talk by Dr. Uday Khedkar on research methodology | 20 th August 2016 | K J Somaiya Institute of Engineering & Information Technology | A |
| 19 | Expert Talk on Green Chemistry and Manufacture by Dr. B. Bhange | KJSIEIT | 3 rd October 2016 | A |
| 20 | Workshop on NAAC Criteria 1 and 2 | 17 TH AND 18 TH Feb 2017 | KJSIEIT | |
| 21 | 4th National conference "Advances In Technology and Management-(NCATM-2017)" | 23rd - 24th March 2017 | A. C. Patil College of Engineering, Kharghar, Navi Mumbai | A |
| 22 | Expert lecture on the topic, "Small World: Past, Present and Future by Dr. Suhas Jekhrikar | 17 th March 2017 | KJSIEIT | O, A |
| 23 | Industrial visit organized by R & D cell | 3 rd and 4 th March 2017 | Samir Wadi, Karnataka (KIAR and GBL) | A |
| 24 | Interactive board and Office Demo | 22/07/2017 1.30 to 3.30 pm | KJSIEIT, Room No. 308 | A |
| 25 | Refresher programme " Ek Panti Ek Sainik" by COEPS cell | 13/10/2017 | KJSIEIT auditorium | A |
| 26 | Industrial visit organized by IIIC | 3 rd Feb 2018 | ICAR-Central Institute for Research on Cotton Technology, Adenwala Road, | A |

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| | | | Matunga(East), Mumbai-400 019. | |
| 27 | Expert talk on "Stress Management" | 23 rd Jan 2018 | By Shri E. V. Swaminathan at <u>3.40 p.m Auditorium KJSIEIT</u> | A |
| 28 | Expert talk on " Role of catalysis in green chemistry" as a part of science day celebration | 1 st March 2018 | By Dr. R. V Jayram, Head of Chenitry Department, ICT, Matunga | O |
| 29 | Industrial visit organized for students | 3 rd Feb 2018 | ICAR-Central Institute for Research on Cotton Technology, Adenwala Road, Matunga(East), Mumbai-400 019. | O |
| 30 | Talk on "How Well Do We Know Our Universe" Dr. Jayant Narlikar | 18 th January 2018 (2.00 to 4.30 pm) | KJSIEIT Institute Auditorium | A |
| 31 | "Stress Management" by Shri E. V. Swaminathan | 23 rd January 2018 | KJSIEIT Institute Auditorium | A |
| 32 | Dr S M Khot on Accreditation by NBA | 17 th January 2018 (3.45 to 5.30 pm) | KJSIEIT Institute Auditorium | A |
| 33 | Mr. Gaurang Shetty and Team "What to do Before Starting Up?" by E-Cell | 20 th March 2018 at 2:40 pm. | KJSIEIT Institute Auditorium | A |
| 34 | An Introduction to Funding Agencies & Proposal Writing" Dr. (Mrs.) Becky Thomas | 11 th April,2018 at 2.30 pm | Shishir ,KJSIEIT ,New extension building | A |
| 35 | Workshop on NAAC Criteria 1 and 2 | 17 th and 18 th February 2017 | KJSIEIT | A |
| 36 | Dr. S M Khot & Prof. Vrinda Ullas Workshop on Outcome based Education | 7 th and 8 th May 2018 | IQAC, KJSIEIT Auditorium | A |
| 37 | Refresher program on " Inclusion of nanotechnology on various commercial arena" | 3 RD July to 7 th July 2018 | KJSIEIT | A |
| 38 | Training program-Reference Management | 11 th August 2018 | SIRAC, Vidiyavihar, Mumbai | A |
| 39 | FDP (NPTEL) - On Structural analysis of Nanomaterials | Aug-Sep 2018 (4 week course) | NPTEL | A |

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| 40 | FDP (NPTEL) - On Non-Conventional Energy Resources | Jan-Apr 2019 (4 week course) | NPTEL | A |
| 41 | FDP for student Induction | 6 th June-8 th June 2019 | A. P Shah Institute of Technology, Thane | A |
| 42 | FDP (NPTEL) - On Infrared Spectroscopy for Pollution Monitoring | Jul-Aug 2019 | NPTEL | A |
| 43 | Orientation Programme on the Revised syllabus of 2019 of Engg. Chemistry F.E | 18 th September 2019 | Terna Engineering College | A |
| 44 | FDP on Design and Develop Virtual Lab Experiment | 4th and 6th December 2019 | Dept. of EXTC, KJSIEIT | A |
| 45 | Online 2 Days ML and AI Using Covid-19 Virus Data Analysis Workshop | 25 & 26th April 2020 | NSS IIT Roorkee | A |
| 46 | Online FDP for Teachers and Principals on How to go online start | 3 days, 30th April to 2nd May 2020 | BMM & BAMMC Dept of LaLa Lajpatrai College of Commerce & Economics in collaboration with UNIVERSITY Of MUMBAI & in association with North Storm Academy. | A |

Hobbies:

Reading, Listening Music

Personal Information

Date of Birth: 01/11/1977

Permanent Address: 702 Bangi Tower II, 2nd Rabodi, Thane (W)-400601

Mobile: 9004439026

E-mail: shaheen@somaiya.edu

Languages Known: English, Hindi, Marathi, Urdu