SHAZIA P.A.
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        shaz5787@gmail.com

1. **EDUCATION**:

   a. **Ph.D** - Pursuing
      Topic: NONLINEAR CONVECTION IN DIELECTRIC LIQUIDS
      Guide : Dr G. N. SEKHAR
      VISVESVARAYA TECHNOLOGICAL UNIVERSITY

   b. **M.Sc.** (Mathematics)
      Central College Campus,
      Bangalore University, Bangalore, (2010), (FIRST CLASS- 90.8%).

   c. **B.Sc.** (Computer Science, Mathematics, Statistics)
      Mount Carmel College, Bangalore,
      Bangalore University, Bangalore, (2008), (FIRST CLASS – 93.5%).

   d. **Plus Two : ISC** (Physics, Chemistry, Mathematics, Biology)
       Sophia High School, Bangalore (2005), (FIRST CLASS - 77.8%).

   e. **X Std :ICSE**
      St. Mary's Public School, Bangalore (2003), (FIRST CLASS – 81.6%).

2. **PROFESSIONALHISTORY**:

   a. Assistant Professor
      Department of Mathematics
      B. M. S. College of Engineering,
      Bangalore-560 019.
      Period: - 10/08/2012 till date

   b. Lecturer
      Department of Mathematics
      B. M. S. College of Engineering,
      Bangalore - 560 019.
      Period: - 10/08/2011 – 9/08/2012

   c. Guest Faculty
      4-year B.S.Course
      Bangalore University,
      Bangalore.
      Period: - 1/6/2011 – 31/8/2011

d. Lecturer
Department of Mathematics
R.V. College of Engineering,
Bangalore.
Period: - 5/9/2010 – 31/5/2011

3. CONFERENCES (PAPER PRESENTATION):

a. "**Power series solution of the Darcy-Forchheimer-Brinkman equation**" at the international conference on "**Emerging trends in Fluid Mechanics and Graph Theory**" held during August 16-18, 2012 at Christ University, Bangalore, India.

b. "**Differential Transform Method of Solution for a Magnetohydrodynamic Jeffrey – Hamel flow**" at the international conference on "**Fluid Dynamics & its Applications**" held during July 20 – 22 ,2011 at BNMIT , Bangalore , India.Presented the paper entitled "Bénard-Darcy convection with non-uniform permeability and thermal conductivity" at the international conference on *FLUID DYNAMICS AND ITS APPLICATIONS* held during$20^{th} – 22^{nd}$ July, 2011*at* BNM Institute of Technology, Bangalore, India.

4. WORKSHOPS & GUEST LECTURES ORGANIZED:

a. TEQIP-III sponsored Guest Lecture on"**Statistical Inference**" by Dr. E. Vasantha Kumar, the Former Professor & Head, Department of Statistics, University of Agricultural Sciences, Bangalore on 4th April 2019 at 9.30 a.m.

b. TEQIP-II Sponsored **One Week Faculty Development Program on Biostatistics and Biomodeling using Software Tools Hands** from 22nd -26th July 2013, organized by Department of Biotechnology & Department of Mathematics, BMS College of Engineering, Bangalore, India.

5. WORKSHOPS ATTENDED:

a. One Week Faculty Development Program on **"Random Process, Statisistical Inference and Experimental Design"** from 29th July – 3rd August 2019,organized by Department of Mathematics, Ramaiah Institute of Technology , Bangalore, India.

b. Under GIAN ,two week program on "Pseudo-Spectral Methods and Their Applications In Solving System of Differential Equations" from 15th to 25th January 2018, organized by Department of Mathematics, BMS College of Engineering, Bangalore, India.

c. An AICTE approved Faculty Development Programme on **"Pedagogy for Online and Blended Teaching- Learning Process"** conducted by Indian Institute of Technology Bombay from September 14, 2017 to October 12, 2017.

d. An AICTE approved Faculty Development Programme on **"Foundation Program in ICT for Education"** conducted by Indian Institute of Technology Bombay from August 3, 2017 to September 7, 2017.

e. TEQIP-II Sponsored One Week Faculty Development Program on **"Advanced Numerical Techniques for Engineers and Researchers (ANTER – 2017)"** during January 23 – 28, 2017, organized by Department of Mathematics, BMS College of Engineering, Bangalore, India.

f. Two week International workshop on "**COMPUTATIONAL FLUID DYNAMICS"** from June 23- July 05, 2014, organized by Department of Mathematics, BMS College of Engineering, and Bangalore, India.

g. Two Week Main Workshop on "**Fluid Mechanics**" at IIT Kharagpur**,** from 20th – 30th May 2014 organised by BMS College of Engineering, Bangalore, India.

h. TEQIP-II Sponsored "**A Three Day Workshop on Scilab for Engineering Applications"** from 1st -3rd January 2014, organized by R.V. College of Engineering, Bangalore 59 , India.

i. TEQIP-II Sponsored **One Week Faculty Development Program On Biostatistics and Biomodeling using Software Tools Hands** from 22nd -26th July 2013, organized by Department of Biotechnology & Department of Mathematics, BMS College of Engineering, Bangalore , India.

j. TEQIP-II Sponsored **One Week Faculty Development Program On Biostatistics – Hands-on with SPSS and R Tools"** from 8th – 12th July 2013 , organized by Department of Medical Electronics, BMS College of Engineering, Bangalore , India.

k. TEQIP-II Sponsored "**Three Day Faculty Development Programme on PROBABILITY , MATHEMATICAL STATISTICS AND ITS APPLICATIONS TO ENGINEERING** " scheduled on 21st to 23rd March ,2013 at M S Ramaiah Institute of Technology , Bangalore, India.

l. TEQIP-II Sponsored "**One day Workshop On Latex for Research Documentation [With Hands on]** " On 18th March 2013 Organized By Department of Information

Science & Engineering and Computer Science & Engineering, BMS College of Engineering, Bangalore.

m. TEQIP-II Sponsored "**One Week Faculty Development Program On Biostatistics - Statistical Analysis through software tools"** from 11th – 16th February 2013 , organized by Department of Medical Electronics & Department of Mathematics ,BMS College of Engineering, Bangalore.

n. **One week ISTE approved Short Term Training programme on Project Management** organized by B.M.S. College of Engineering, Bangalore from 20th - 25th August 2012.

o. **Faculty Orientation Programme** at B.M.S. College of Engineering, Bangalore from 23rd - 28th January 2012.

p. **Three Day Workshop on Linear Algebra and its Applications to Engineering** 16th – 18th January , 2012 at M.S. Ramaiah Institute Of Technology , Bangalore,India.

6. Awards & Recognition:
- Received **5 Gold Medals** for securing **1st rank** in M.Sc. Mathematics, Bangalore University.
- Coordinator of **Pentagram – the Mathematical Society of BMSCE.**
- Inter and Intra Collegiate quizzes
- Lecture Contests

7. COMPUTER SKILLS
- Scilab
- C , C++ ,Java
- OS , Visual Basic , Data Structures , HTML , Unix

8. CERTIFICATE COURSES
- Differential Equations and their Applications in Mechanical Vibration
- Statistics at Finger Tips
- What is Maths's?