Basic Details:

- Name: Dr. K. Bhavani
- Designation: Assistant Professor(Sr.G)
- Phone Number: 9962624673
- Email ID: bhavanik@srmist.edu.in
- Area or Subject: Mathematics
- Affiliation:Department of Mathematics,Ramapuram Campus, SRM Institute of Science and Technology

Educational Details:

- Degree –B.Sc.,M.Sc., M.Phil., Ph.D.,
- Area or Subject –Mathematics
- University –University of Madras
- Awarded Year –B.Sc. Mathematics, Ethiraj College For Women, 1996
  M.Sc., Mathematics, Ethiraj College For Women, 1998
  M.Phil., Mathematics, RIASM, University of Madras, 1999
  Ph.D. in Ideal Topology, SBharathiar University, 2015

Other Details:

Courses: Advanced Calculus and Linear Algebra, Advanced Calculus and Complex Analysis, Transforms and Boundary Value Problems, Operations Research, Probability and Queueing Theory, Probabaility and Statistics, Discrete Mathematics, Probability and Random Processes.
Research Interests: Ideal Topological Spaces

Selected Publications:

- **"Generalisation of compatible ideals with respect to g-open sets"- Journal of Physics 2019**
- **"Generalized taug-closed sets in Ideal spaces " in Bulletin of socie. Para. Mathematica in 2017**
- **"Characterization of Igg-closed sets"- in International journal of mathematical archives in 2015**
- **" Note on F*-Spaces," Journal of Advanced Study in Topology 2013**
- **"g-local functions," Journal of Advanced Study in Topology 2014**
- **"Psi-g Operator in ideal topological Spaces," in Journal of Advanced Study in Topology 2014**
- **With D. Sivaraj, "Onl-Hyperconnected spaces" in Allahabad Mathematical Society 2013**
- **With D. Sivaraj, "On Ig-Submaximal spaces" in Bulletin of socie. Para. Mathematica in 2013.**
- **"Igg-Closed sets " in International journal of mathematical archives in 2013.**
-

Papers Presented:

- "Generalisation of compatible ideals with respect to g-open sets "- Progress in Mathematics towards Industrial Applications, SRMIST, Ramapuram, 2019
- Three Papers Presented in International Conference on "Progress in Mathematics towards Industrial Applications" on 06.11.2020 & 07.11.2020 at SRMIST- Ramapuram

Working Papers:

- **F*- Spaces and its characterizations**
- **Closure functions and local functions**

Work in Progress:

- **F*- Spaces and its characterizations**

Academic Experience:

- **Senior Lecturer, RMK College Of Engg and Tech.-2008-2010.**
- **Lecturer, St. Peter's Engg. College.-2007-2008.**
- **Lecturer, GKM College Of Engg and Tech.-1999-2010**
- **Assistant Professor, SRM Institute of Science and Technology, 2015 to till date.**

Achievements and Awards:

- **University Third rank in PG Degree, 1998.**

Memberships:

- **Member in Indian Science Congress Association (ISCA) , 2015.**

Please send in your latest PASSPORT SIZE photograph.

Some examples of standard faculty profiles from other institutions:

- http://isb.edu/faculty/facultydir.aspx?ddlFaculty=246
- http://engineering.stanford.edu/research/layout.php?sunetid=cfarhat
- http://public.tepper.cmu.edu/facultydirectory/FacultyDirectoryProfile.aspx?id=95