

## Profile Details

**Name :-** Mrs. Chitra Raghunandan Alavani

**Designation:-**Head Department of Computer Science, Coordinator  
M.Sc(Computer Science), Assistant Professor

**Qualification:-**M. Sc. (Scientific Computing), M. Phil. (Scientific  
Computing), SET

**Email ID:**chitra.alavani@gmail.com

**Contact No.:**9850831601



**Experience in Years:**18 years

**Expert Area:**Operating Systems, Database Technologies

**Research area:**Interdisciplinary Science

### Research papers published

- Presented a poster on '*Parallel Implementation of BiCGStab using MPI Routines*' in National Conference on Applications of Computer and Electronic Science organized by Kaveri College of Arts, Science and Commerce on 20<sup>th</sup> and 21<sup>st</sup> January, 2017 with ISBN 978-81-926543-2-4
- Spectral Solution Of Steady State Conduction In Arbitrary Quadrilateral Domains  
Alavani Chitra R, Joshi Pallavi A, S Pavitran, BedekarSmita S  
Journal Of Engineering Research And Studies, Vol.II/ Issue II/April-June, 2011
- Spectral Solutions of Elliptic Systems in Arbitrary Quadrilaterals  
Chitra Alavani, Pallavi Joshi, S. Pavithran andSmitaBedekar  
3rd International Congress on Computational Mechanics and Simulation, IIT Bombay, 2009
- Modelling and simulation of a polluted water pumping process.  
Chitra Alavani, Roland Glowinski, Susana Gomez, Benjamin Ivorra, Pallavi Joshi,  
Angel Manuel Ramos.  
Mathematical and Computer Modelling, Elsevier 2009 Vol-51 Pgs 461-472 Issue5-6

### Academic Profile

#### Workshops organized

- i. Organizing Secretary of State level workshop on "Python Programming" conducted on 29<sup>th</sup> and 30<sup>th</sup> January 2019 under QIP
- ii. Member of National Level Workshop on "IoT and Data Science" conducted on 2<sup>nd</sup> and 3<sup>rd</sup> February 2018 under QIP
- iii. Member of National Level Conference On "Applications of Computer and Electronic Science" conducted on 20<sup>th</sup> & 21<sup>st</sup> January, 2017 under QIP.

- iv. Convener for National Level workshop on “Latex” conducted on 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> January 2014 under QIP.
- v. Convener for National Level workshop on “Research Paper writing and Publishing using Latex” conducted on 8<sup>th</sup> and 9<sup>th</sup> February 2013 under QIP.
- vi. Member of the organizing team for a one day University level seminar on “The Emerging Trends in Web Technology” at the Kaveri College of Science and Commerce on 18<sup>th</sup> Dec 2010 under QIP.

Invited as a Resource Person: (if any)

- i. Invited as resource person to deliver a session on “Use of ICT-Google Classroom” arranged for staff of the college under staff academy
- ii. Invited as resource person to deliver a session on “Massive Open Online Courses – Swayam” arranged for students and teachers by KSDC

Invited as a Subject Expert: and other (if any)

- i. Invited as paper setter for M. Sc. (CS) university examination
- ii. Invited as Judge for Project competition at S. P. College
- iii. Invited as Judge for quiz competition at Modern College, Ganeshkhind
- iv. Worked as an in-house judge for the Inter College Paper Presentation Competition in Electronics and Computer Science
- v. Worked as an in-house judge for the Intra College Power Point Presentation competition.