

BIO-DATA

SRINIVASAN A

Scientist

Robotics & Automation Division

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EDUCATION

- **PSG College of Technology, Coimbatore (2008)**
M. E in Computer Science and Engineering
 - **Amrita Institute of Technology and Science, Coimbatore (2003)**
B.E in Computer Science and Engineering
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EXPERIENCE

- **Project Engineer , Wipro Technologies, Bangalore** (from December 2008 to March 2010)
 - **CSIR-Central Mechanical Engineering Research Institute (CMERI), Durgapur, India** (from 2010 to till date)
Scientist,
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RESEARCH PROJECTS

Involved (ongoing/completed) with the following projects:

1. **"Diabetic Retinopathy"**, CSIR Network Project (Ongoing).
 2. **" Advanced Instrumentation Solutions for Health Care and Agro-based Applications: ASHA"**, CSIR Network Project (Ongoing).
 3. **"Application of Shape Memory Alloy in Medical Devices for Minimally Invasive Clinical solutions" Institute Project** (Completed).
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Some Recent Publications

1. Srinivasan Aruchamy, Partha Bhattacharjee, and Goutam Sanyal. "Online Optic Disk Segmentation Using Fractals." World Academy of Science, Engineering and Technology, International Journal of Medical, Health, Biomedical, Bioengineering and Pharmaceutical Engineering 9.3 (2015): 309-314.
 2. Roy Rukhmini, Srinivasan Aruchamy, and Partha Bhattacharjee. "Detection of retinal microaneurysms using fractal analysis and feature extraction technique." Communications and Signal Processing (ICCSP), 2013 International Conference on. IEEE, 2013.
 3. Srinivasan Aruchamy, Partha Bhattacharjee, and Goutam Sanyal. "Automated Glaucoma Screening in Retinal Fundus Images." International Journal of Multimedia and Ubiquitous Engineering 10.9 (2015): 129-136.
 4. Srinivasan Aruchamy, Partha Bhattacharjee, Ravi Kant Kumar, Goutam Sanyal,"Automated Skull Stripping in Brain MR Images ",Proceedings of the 10th INDIACom; INDIACom-2016; IEEE Conference ID: 37465 2016 3rd International Conference on "Computing for Sustainable Global Development", 16th - 18th March, 2016.
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PROFESSIONAL ACTIVITIES

Faculty member of Academy of Scientific and Innovative Research.