




Sreevalsan S Menon, M.Tech.

✉ sm2hm@mst.edu




🌐 <https://sreevalsansmenon.com/>

🌐 <https://www.linkedin.com/in/sreevalsansmenon/>

Employment History





- 2018 –  **Graduate Teaching Assistant**, Missouri University of Science and Technology
Taught controls and mechatronics
- 2017 –  **Graduate Research Assistant**, Missouri University of Science and Technology
- 2015 – 2016  **Graduate Research Assistant**, Precision Instrumentation Laboratory, Indian Space Research Organization Inertial Systems Unit, India

Education


- 2017 – 2021  **Ph.D., Missouri University of Science and Technology** in Mechanical Engineering
GPA: 4.0/4.0
- 2014 – 2016  **M.Tech. Computer Integrated Manufacturing., University of Calicut** in Mechanical Engineering
GPA: 8.9/10 (equivalent to 3.9 out of 4.0)
- 2010 – 2014  **B.Tech. with Honours, University of Calicut** in Mechanical Engineering
GPA: 8.2/10 (equivalent to 3.7 out of 4.0)

Research Publications

Journal Articles

- 1 Menon, S. S., & Krishnamurthy, K. (2019a). A comparison of static and dynamic functional connectivities for identifying subjects and biological sex using intrinsic individual brain connectivity. *Scientific reports*, 9(1), 1–11.  <https://doi.org/10.1038/s41598-019-42090-4>
- 2 Menon, S. S., & Krishnamurthy, K. (2019b). A study of brain neuronal and functional complexities estimated using multiscale entropy in healthy young adults. *Entropy*, 21(10), 995.  <https://doi.org/10.3390/e21100995>
- 3 Antony, F., Albert, P., Rimi, P., Disney, R., Sooraj, M., & Menon, S. S. (2014). Design and development of pneumatic hybrid vehicle (phv). *International Journal of Innovative Research in Science, Engineering and Technology*, 3(6), 13184–13191.  <https://doi.org/10.5281/zenodo.3478671>
- 4 Menon, S. S., Sooraj, M., Mohan, S., Disney, R., & Sukumaran, S. (2013). Design and analysis of kinetic energy recovery system in bicycles. *International Journal of Innovative Research in Science, Engineering and Technology*, 2(8), 2319–8753.  <https://doi.org/10.5281/zenodo.3476891>

Conference Proceedings

- 1 Menon, S. S., & Kumar, S. (2017). Surface integrity improvement of edm components by robotic micro abrasive jet machining, In *Ktu-kerala technological congress 2017 (ketcon 2017)*.  <https://doi.org/10.5281/zenodo.3478673>
- 2 Menon, S. S., & Kumar, S. (2016). Robotic micro abrasive jet machining for recast layer removal, In *National level pg research conference on emerging trends in manufacturing (factura-2k16)*.

Skills

Languages	Strong reading, writing and speaking competencies for English, Malayalam. Speaking competencies for Tamil.
Coding	MatLAB, Python, R, \LaTeX
Databases	MySQL
Neuroimaging	FSL, AFNI, SPM.
Misc.	Academic research, Teaching, Excel Skills for Business, Machine Learning, Deep Learning.

Miscellaneous Experience

Awards and Achievements

- 2017 **Best Paper Award**, Best paper award received for KETCON presentation.
- 2014 **Certificate of Excellence**, Certificate of Excellence by University of Calicut for outstanding student.
- GATE**, Qualified Graduate Aptitude Test in Engineering.

Certification

- 2020 **IBM AI Engineering Specialization**. IBM
- Python for Everybody Specialization**. University of Michigan
- Mathematics for Machine Learning Specialization**. Imperial College London
- Deep Learning Specialization**. deeplearning.ai
- Data Science: Foundations using R Specialization**. Johns Hopkins University
- Machine Learning**. Stanford University
- 2015 **CREO for Designers**. PTC University

References

Dr. K. Krishnamurthy

Professor
Missouri University of Science and Technology,
280 Toomey Hall
400 West 13th Street
Rolla, MO 65409-0050
573-341-4495.
kkrishna@mst.edu

Dr. S. N. Balakrishnan

Professor
Missouri University of Science and Technology,
271 Toomey Hall
400 West 13th Street
Rolla, MO 65409-0050
573-341-4675.
bala@mst.edu