

- **Name:** Dr. Poornachandra S.
- **Department :** Department of Cloud Technology & Data Science.
- **College:** Srinivas University College of Engineering & Technology, Mukka, Mangaluru.
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- **Educational Details :**

UG : B.Sc.,(Physics,Mathematics & Electronics), Gulbarga University, Gulbarga.

PG : MCA.,(Computer Science & Applications) Visvesvaraya Technological University, Belagavi.

Ph.D. : Ph.D. (Artificial Intelligence in Medical Imaging), Visvesvaraya Technological University, Belagavi.

- **Teaching Experience:** 10 years.
- **Research Experience :** 4 years.
- **Research Area :** Application of Artificial Intelligence and Machine Learning Techniques to segment brain tumor tissues in MRI scans.
- **Publications:**
  - Segmentation of Brain Tumor Tissues in HGG and LGG MR images using 3D U-net Convolutional Neural Network, International Journal of Natural Computing Research, Vol.7 Iss. 2, Article 2, pp.18-30, IGI Global Publications.
  - Segmentation of Edema in HGG MR Images using Convolutional Neural Networks in Proceedings of International Conference on Frontiers of Intelligent Computing: Theory and Applications, pp.615-622, Springer Publications, 2017.
  - Intensity Normalization-A Critical Pre-processing Step for Efficient Brain Tumor Segmentation in MR Images in Proceedings of International Conference on Information System Design and Intelligent Applications, pp.885-893, Springer Publications, 2017.
- **Workshops Attended:**
  - Workshop on Digital Media Processing organized by PESIT, Bengaluru.
  - Workshop on SciLab organized by RNSIT, Bengaluru.