Kalasalingam Academy of Research and Education
Krishnankoil-626126

IEEE Student Branch (34451)

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Workshop on "Exploring Deep learning Networks and Generative AI"

(Physical mode)

Date: 17.08.2024

About the Workshop:

Deep learning networks and Generative AI are at the forefront of the technological revolution transforming how we approach and solve complex real world problems. Deep learning networks, based on the artificial neural networks have led to significant advancements in image and speech processing, natural language processing and autonomous systems. Generative AI on the other hand enables machines to generate new data that closely resembles real-world inputs. Overall, deep learning networks and generative AI have become essential components of the modern technological landscapes. The main objective of the workshop is to empower the participants on Machine learning, Deep learning networks and Generative AI and to give hands-on training on applying Deep learning networks for practical applications using MATLAB software.

Course content:
- Understanding Artificial Neural Networks
- Convolutional Neural Networks (CNN)
- Case study on Computer vision
- Recurrent Neural Networks
- Generative AI
- Matlab implementation

Resource persons:

Industry Experts and Experienced faculty members from Academic institutions will conduct the sessions

Target Audience:

Research Scholars, P.G students, Pre-final and Final year U.G. Students

Registration fee: IEEE Members-Rs. 150, Others-Rs. 250

Last date for registration: 14.08.2024

Registration link:
https://docs.google.com/forms/d/e/1FAIpQLSe5SLRgRsi8s5Rdx_44J6yrRafpY59xk73mlebKdGRPINB75A/viewform?usp=pp_url