Expert Lecture

(Session: - 2021-22)

Topic: - "Neural Architecture Search: - A Hardware Perspective"

Date: - 05-02-2022(09:00 am - 11:30 am)

Resource Person: - Prof. (Dr.) Arun K. Somani, Associate Dean for Research, College of Engineering, Iowa State University, Ames, USA.

Prof. (Dr.) Arun K. Somani, Associate Dean for Research, gave his presentation on "Neural Architecture Search: - A Hardware Perspective". His main discussion points were:

- He started the session with the basics of Hardware Perspective of Neural Architecture Search.
- He explained the neural network processing hardware.
- He also talked about Image and weight reuse without layer fusion.
- He also discussed various case studies on this like ASIC: Accelerator Aware NAS. .

At the end a very healthy question answer session also took place. Different questions were asked by the participants related to various applications of Deep learning in Image Processing.





