



Module PMRF-ISSS018/II/2023 Introduction to PyTorch

Name of the PMRF student

Nikhil Kumar Singh

Details of the content of the module

Required background of the students taught

Introductory level course for students of
CSE, EE, AE, and others

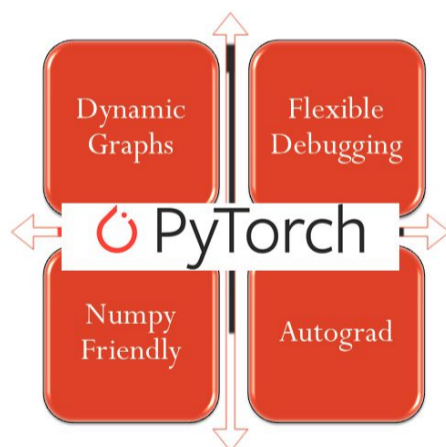
Prerequisites: Programming in Python,
Basics of Calculus

Online session coordinator

Will be chosen from the list of registrants

Week 1: Introduction PyTorch.
Week 2-3: Fundamentals : Matrices,
Variables, Gradients, Tensors
Week 4-6: Fundamentals of Autograd,
other advanced Topics etc.
Week 7-9: Deep Learning with Pytorch
- Linear Regression, Logistic
Regression etc..
Week 10-12: Reinforcement Learning
with PyTorch - DQN, SAC etc..

What is PyTorch?



Schedule of the module

Start Date - 9th Sept, 2023.

Lecture Schedule – Live lectures will be
held every Saturday; 12 – 15 lectures

End Date – Tentatively by end of Nov '23;

Meeting link : Will be shared later

[Link](#)

Contact email ID: issf.forum@gmail.com

Registration link:

<https://forms.gle/az55H9Vp2Tu5oMU88>