

Thiruvananthapuram - 695015

In-house Internship Proposal Form

1.	oposal No. (for office use only):	Date of Submission: 25-04-2023	
1.	Name, Designation and Dept. of Faculty Mentor1,	Sreeja S R	
	Mentor2 (if, available)	Assistant Professor	
		Department of Computer Science and Engineering	
2.	Title of the Proposal	Prediction of Hyperkinetic and Hypokinetic disorders from Voice Signals Using Machine Learning	
3.	Prospective Branch of the intern	Computer Science and Engineering	
3.	Brief Description of the Propos	al (Not more than 250 words):	
	neurological disorder related to	resence of excessive involuntary movements. Prominent examples ccur include Huntington's chorea Parkinson's Disease (PD) is a to the Central Nervous System, that influence the motion of an	
	neurological disorder related to individual. Normally, the patient with monotone quality. By apprentice available in Huntington' opportunity to discover hidden the proposed work is to develop The model will be trained to re	o the Central Nervous System, that influence the motion of arents suffering from Parkinson's Disease have low voice volumed by the machine-learning algorithms to large datasets such as Disease and Parkinson's Disease it is possible to offer the patterns, often not discernible to clinical observation. The idea of a model that could differentiate PD and HD from voice signals ecognize hyperkinetic and hypokinetic disorders effectively from opposed model will be helpful, especially when the early-stage	
- 1	neurological disorder related to individual. Normally, the patient with monotone quality. By appethose available in Huntington' opportunity to discover hidden the proposed work is to develop the model will be trained to rette the raw voice signals. The pro-	o the Central Nervous System, that influence the motion of arents suffering from Parkinson's Disease have low voice volume olying the machine-learning algorithms to large datasets such as Disease and Parkinson's Disease it is possible to offer the patterns, often not discernible to clinical observation. The idea of a model that could differentiate PD and HD from voice signals ecognize hyperkinetic and hypokinetic disorders effectively from oposed model will be helpful, especially when the early-stage of the treatment.	
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7.	Remarks,	if	any

Name and Signature of Faculty Mentor(s): SREEJA S R

Recommendations: SREEJA-S-R

Dept. Internship Coordinator

(Name and Signature)

Head of the Department

(Signature)