Society for Computer Technology and Research's
Pune Institute of Computer Technology
Department of Computer Engineering

Intellectual Property Rights (IPR)

Sr. No.	Inventors/ Applicants from PICT	Title of Invention	Application No. (India)	Status (Date)
Patents				
Academic Year 2022-2023				
1	Arati R Deshpande, Emmanuel M	Recommendation System using context and user action	201721035439	Applied:- 6/10/2017 Published:- Dec 2019 Granted:- 31/8/2023
2	Dr. P.A. Khadkikar	System of Machine Vision-Based Person Detection Under LowIlluminance Conditions Using Machine learning for Visual Surveillance System	202241069188	Applied:- 30/11/2022 Published:- 23/12/2022 Granted:-
3	Dr. P.A. Khadkikar	NEONATAL HEATING BELT FOR HYPOTHERMIA	381675-001	Applied:- 24/01/2023 Published:- 18/05/23 Granted:-
4	Dr. P.A. Khadkikar, Dr. Geetanjali V. Kale	Hydroponic nutrient prediction device using IoT	202321039419	Applied:- 8/6/2023 Published:- 18/08/23 Granted:-
5	Dr. Kalyani C. Waghmare	SYSTEM AND METHOD FOR IDENTIFYING SPEECH DISORDERS BY NATURAL LANGUAGE PROCESSING AND PROVIDING CORRECTIVE RECOMMENDATIONS	202321028902	Applied:- 20/04/2023 Published:- 16/06/2023 Granted:-
6	Vijayendra Sanjay Gaikwad	A SYSTEM AND A METHOD FOR PRIVACY PRESERVING CLASSIFICATION OVER A RELATIONAL DATA	202321021526	Applied:- 25/03/2023 Published:- 1/9/2023 Granted:-
7	Madhuri Wakode, Geetanjali Kale	PERSONALIZED PHYSICAL ACTIVITY RECOMMENDATIONS SYSTEM USING FEDERATED LEARNING (FL) AND A METHOD	202321029305	Applied:- 22/04/2023 Published:- 15/09/23 Granted:-

8	Geetanjali Kale, Madhuri Wakode	SYSTEM AND METHOD FOR AUTOMATED EVALUATION OF MULTIMODAL CONTENTS	202221060608	Applied:- 23/10/2022
				Published:- 11/11/2022
				Granted:-
9	Yogesh Handge	IOT Based COVID-19 Symtoms Indicator Band	364913-001	Applied:- 26/05/2022
				Published:- 18/04/2023
				Granted:-
Academic Year 2021-2022				
1	Dr. S. S. Sonawane	System and method for image-based ingredient retrieval and recommending consumables to user based on freshness index	202221010726	Applied: 28/02/2022
				Published: 15/04/2022
				Granted:
2	Ms. P. T. Kohok	Design and development of car seat compel adjustment mechanism	202221026117	Applied: 05/05/2022
				Published: 20/05/2022
				Granted: -
3	Dr. P. A. Khadkikar	Online depression detection using machine learning	202241007571	Applied: 12/02/2022
				Published 25/02/2022
				Granted: -
4	Ms. S. Shah	Smart agriculture control system based on IoT	202211001066	Applied: 07/01/2022
				Published: 14/01/2022
				Granted: -
5	Mr. V. S. Gaikwad	A quick and effective disease prediction and treatment suggestion system based on Machine Learning	202121021150	Applied: 10/05/2021
				Published: 11/06/2021
				Granted:

6	Dr. A. R. Buchade	System and method for detecting braking efficiency of vehicle using Internet of things	202121021621	Applied: 13/05/2021
				Published: -
				Granted: -
7	Mr. Y.A. Handge	Hierarchical reinforcement learning based channel selection for routing in cognitive radio networks	202121041549	Applied: 15/09/2021
				Published: 29/10/2021
				Granted: -
8	Mr. Y.A. Handge	A system for optimized SQL operations in a blockchain structure	202111048082	Applied: 22/10/2021
				Published: 29/10/2021
				Granted: -
9	Dr. S. A. Joshi	A method of detecting DDOS attacks on an IoT device using transitive processing of communication graph	202121035213	Applied: 04/08/2021
				Published: 27/08/2021
				Granted: -
10	Dr. P. S. Game	A system and method for providing musical notations	3693/MUM/2013	Applied: 25/11/2013
				Published : 25/07/2014
				Granted: 21/06/2021
Academic Year 2020-2021				
1	Dr. R. B. Ingle Mrs. S.N. Girme	Method and system for election of a coordinator node in a distributed network	201921051700	Applied: 13/12/2019
				Published: 20/12/19
				Granted: 09/03/2021
2	Dr. A. S. Ghotkar Dr. S. S. Sonawane	A system for recommending a relevant query using a statistical method.	202021023694	Applied: 05/06/2020
				Published: 03/07/2020
				Granted: 22/06/2021
3	Dr. S. S. Sonawane Dr. A. S. Ghotkar	System and method to forecast solar energy production and recommend energy allocation for electronic devices	202021023513	Applied: 04/06/2020
				Published: 03/07/2020
				Granted: -
4	Dr. S. S. Sonawane Dr. A. S. Ghotkar Mrs. P. S. Vidap	A system and method for enabling gesture based communication for differently abled individuals	202021025627	Applied: 18/06/2020
				Published: 17/07/2020
				Granted: 23/11/2021
Academic Year 2019-2020				
1	Dr. B. A. Sonkamble	Nsp-Intelligent Technology: Intelligent technology to analysis the neurophysiological data using spatiotemporal parcellation.	202021007753	Applied: 24/02/2020
				Published: 28/02/2020
				Granted:-
2	Dr. A. R. Deshpande	Recommendation system using context and user action	201721035439	Applied: 06/10/2017
				Published: 10/12/2019

				Granted: -
			Academic Year 2018-2019	
1	Dr. R. B. Ingle	System and method for investigating energy efficient data structure	201821021991	Applied: 12/06/2018
				Published: 03/08/2018
				Granted: -
2	Dr. R. B. Ingle	System and method for resource provisioning and service composition in cyber physical systems	201821015689	Applied: 25/04/2018
				Published: 22/06/2018
				Granted: -
			Academic Year 2017-2018	
1	Dr. G. V. Kale	System and method for motion analysis and feedback for amendment of human action	201621029482	Applied: 30/08/2016
				Published: 22/09/2017
				Granted: -