

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai 603 110

Department of Computer Science and Engineering

Details of published and granted patent applications

May 2024

Sl. No	Name of the Inventor	Title of the patent	Year (Published, FER Submitted)	Reference No	Granted patents	Name of the Applicant
1.	Dwivedi Vatsala, S.M. Jaisakthi, S. Ramani & P.Mirunalini	A Process for grape leaf disease identification using machine learning techniques	1. Published – 15/05/2021	2021101496 Australian Patent	Awarded – 28/04/2021. (2020-2021)	Dwivedi Vatsala; S.M. Jaisakthi; S. Ramani & P.Mirunalini
2.	A. Srinivasan & J. Suresh	System and Method for Optimized Video Compression	1. Published - 13/09/2013 2. Request for Examination - 08/03/2013 3. FER submitted –30/01/2019	889/CHE/2012A	Awarded – 12/08/2021 (2021-2022)	A. Srinivasan & J. Suresh
3.	J. Suresh & Karthika Veeramani	A System and Method for Face Recognition using Regularized Discriminant Analysis	1. Published - 25/12/2015 2. Request for Examination - 12/03/2015 3. FER submitted – 15/10/2021	01322/CHE/2014	Awarded – 09/03/2022. (2021-2022)	J. Suresh & Karthika Veeramani
4.	Dr. R.Kanchana & Dr. S. Selvakumar (Director, IIIT, Una, HP)	A System and Method for Unification of Heterogeneous Immunization Systems and Improvement of Data Quality (UniHISID)	1. Filed – 14.07.2022 2. Published - 02.09.202 3. FER submitted –06.01.2023	202241040203	Awarded – 22/12/2023. (2023-2024)	SSNCE and IIIT-Una
5.	Kavitha S & Thyagarajan K.K	Multimodality Medical Image Fusion with Optimal Parameter Estimation in Disease Diagnosis	1. Published – 18/11/2016 2. Request for Examination - 07/03/2017 3. FER submitted – 18/06/2021	2454/CHE/2015	Awarded – 18/01/2024 (2023-2024)	Kavitha S & Thyagarajan K.K
6.	Rithwin Siva, Nishant Mathew, R. Nidhi Bhandari, Varsha Bhargavi	Braille Interpretation Pad	1. Filed – 30. 06. 2022 2. Published – 22.07.2022 3. FER submitted – 15.04.2023	202241037782	Awarded – 29/01/2024 (2023-2024)	Sri Sivasubramaniya Nadar College of Engineering

	Dwarakanathan, A. Beulah, S. Rajalakshmi & S. Angel Deborah					
7.	Mr. H. Shahul Hamead, Dr. T. T. Mirmalinee & M.Asritha	An Effective Frequency Provisioning Method for Scalable Devices in NB-IOT Platform	1. Published - 26/04/2019 2. FER submitted – 18/08/2022 (2022-2023)	201741045343		Sri Sivasubramaniya Nadar College of Engineering
8.	Dr. D. Thenmozhi & S. Kayalvizhi	An Automated Tool for Detection Depression from Social Media Text	1. Filed – 26.07.2021 2. Published – 14.09.2021 3. FER submitted –30.06.2022 (2021-22)	202141033519		Sri Sivasubramaniya Nadar College of Engineering
9.	Kshitij Sharma, Kiruthika J, Raghav R, & Dr. D. Thenmozhi	Blind Abled Reading Frame – BARF	1. Filed - 22.01.2022 2. Published –25.02.2022 3.FER submitted – 21.01.2023. (2022-23)	202241003724		Sri Sivasubramaniya Nadar College of Engineering
10.	Sathish Palaniappan, Naren T Kesh, Vidhya Lakshmi, Angel Deborah & Naveen. H.	Universally Compatible and Accessible, Software Controlled Expandable Home Automation System for Energy Conservation and Differently Abled	1. Published – 17.06.2016	5729/CHE/2015		Sathish Palaniappan, Naren T Kesh, Vidhya Lakshmi, Angel Deborah & Naveen. H.
11.	Mohan Sha S., Nikil S., NitinK.R. & Dr.V.S.Felix Enigo	Smart Mirror with Voice Control	1. Published – 05.05.2017	201741015234		Mohan Sha S., Nikil S., NitinK.R. & Dr.V.S. Felix Enigo
12.	Dr.V.S.Felix Enigo & Dr. M. Anburajan	System and Method for Bone Fracture Risk Assessment	1. Filed – 23.11.2022. 2. Published – 12.04.2024	202241067402		Diagno Intelligent Systems Private Limited