Name of Faculty	Dr. Suraj Prakash Sahoo		
Designation	Assistant Professor		
Nature of Job/Appointment	Contractual		
Date of Joining	27-01-2021		
E-mail	surajprakashsahoo_ece@cbit.ac.in		
Education Qualifications		Name of the Degree	Class
	Ph. D	Doctor of Philosophy (ECE) NIT Rourkela	Awarded
	PG	M. Tech.(Signal & Image Processing) NIT Rourkela	Distinction
	UG	B. Tech. (ECE) BPUT University, Odisha	Distinction
Work Experience			
	Teaching	NIL	
	Research	NIL	
	Industry	--	
	Others	--	
Area of Specialization	Signal and image processing		
Professional Memberships	NIL		
Responsibilities held at Institution Level	NIL		
Responsibilities held at Department Level	NIL		
Research Guidance	NIL		
Awards Received	NIL		
Courses Handled at Under Graduate / Post Graduate Level.	PAAI		
No. of Papers Published	National Journals – --	International Journals – 3	
	National Conference – NIL	International Conference –6	
Projects Carried out			
Patents	NIL		
Technology Transfer	NIL		
Invited Speaker	**NIL**		
No. of Books/Chapter Published with details	NIL		
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).	**NIL**		

Details of Journal Publications/ Conferences

1. S. P. Sahoo, S. Ari, K. K. Mahapatra and S. P. Mohanty, "HAR-Depth: A Novel Framework for Human Action Recognition using Sequential Learning and Depth Estimated History Images", in IEEE Transactions on Emerging Topics in Computational Intelligence, 2020. (doi: 10.1109/TETCI.2020.3014367)
2. S. P. Sahoo, U. Srinivasu, and S. Ari, "3D Features for Human Action Recognition with Semi-Supervised Learning," in IET Image Processing, Vol. 13, no. 6, pp. 983-990, 2019.
3. S. P. Sahoo, and S. Ari. "On an algorithm for Human Action Recognition," in Expert Systems with Applications, Vol. 115, pp. 524-534, January 2019.

International Conference Publications

1. S. P. Sahoo and S. Ari, "A Three Stream Deep Network on Extracted Projected Planes for Human Action Recognition," in IEEE International Conference on Computer, Electrical & Communication Engineering (ICCECE), Techno India University, Kolkata, India, 17-18 Jan 2020. (Accepted)
2. S. P. Sahoo, and S. Ari, "Depth Estimated History Image based Appearance Representation for Human Action Recognition," in IEEE Region 10 Conference (TENCON), Kochi, Kerala, India, 17-20 Oct, 2019, pp. 965-969.
3. S. P. Sahoo, R. Silambarasi, and Samit Ari, "Fusion of histogram based features for Human Action Recognition," in 5th International Conference on Advanced Computing & Communication Systems (ICACCS), Coimbatore, Tamilnadu, India,15-16 March 2019, pp.1012-1016.
4. U. Srinivasu, S.P. Sahoo, S. Ari, "Semi-Supervised Learning in Random Forest Classifier for Human Action

Recognition," in 2nd International conference on trends in electronics and informatics (ICOEI), Tamil Nadu, India, 11-12 May, 2018, pp. 237-241.

5. R. Silambarasi, S. P. Sahoo, and S. Ari, "3D Spatial-Temporal View Based Motion Tracing in Human Action Recognition," in IEEE International Conference on Communications and Signal Processing (ICCSP), Chennai, India, Apr. 2017, pp. 1833-1837.

6. S. P. Sahoo and S. Ari, "Automated Human Tracking using Advanced Mean Shift Algorithm", in IEEE International Conference on Communications and Signal Processing (ICCSP), pp. 792-796, 2-4 April, 2015, India.

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