

## Instrumentation and Control

### Research Publications 2020-21

AY 2020-21: Journal Publications							
SN	Faculty Name	Title of Paper	Name of Journal	Volume & page no. DOI	Publication Year	Indexing SCOPUS/SCI/Other	Citation
1.	Dr. Revati Sriram	Study of Electrical Brain Signal during Verbal Cognitive Assignment	Biomedical & Pharmacology Journal	Vol. 13(3) Pp 1195-1205 <a href="https://dx.doi.org/10.13005/bpj/1987">https://dx.doi.org/10.13005/bpj/1987</a>	Sep-20	SCOPUS, UGC, EBSCO	NIL
2.	Dr. Nivedita Daimiwala	Study of Electrical Brain Signal during Verbal Cognitive Assignment	Biomedical & Pharmacology Journal	Vol. 13(3) Pp 1195-1205 <a href="https://dx.doi.org/10.13005/bpj/1987">https://dx.doi.org/10.13005/bpj/1987</a>	Sep-20	SCOPUS, UGC, EBSCO	NIL
3.	Dr. Vaishali Upadhye	Design of Low Cost IOT Enabled Universal Wiring Hardness Tester	Journal of Critical Reviews,2020	Vol. 7 (18) Pp 1476-1481 ISSN- 2394-5125 doi:10.31838/jcr.07.18.190	Jul-20	SCOPUS	NIL
4.	Dr. A. K. Joshi	Design of Low Cost IOT Enabled Universal Wiring Hardness Tester	Journal of Critical Reviews,2020	Vol. 7 (18) Pp 1476-1481 ISSN- 2394-5125 doi:10.31838/jcr.07.18.190	Jul-20	SCOPUS	NIL
5.	Dr. Swati Madhe	Design of Low Cost IOT Enabled Universal Wiring Hardness Tester	Journal of Critical Reviews,2020	Vol. 7 (18) Pp 1476-1481 ISSN- 2394-5125 doi:10.31838/jcr.07.18.190	Jul-20	SCOPUS	NIL
6.	Dr. Swati Madhe	Design of Portable Air Purge Level Transmitter with Built-in Calibration Feature	IOP Conference Series: Materials Science and Engineering-	Vol 1012 (2021) 012043, doi:10.1088/1757-899X/1012/1/012043	Jan 2021	SCOPUS	NIL
7.	Dr. Vaishali Upadhye	Design of Portable Air	IOP Conference	Vol 1012 (2021) 012043,	Jan 2021	SCOPUS	NIL

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		Purge Level Transmitter with Built-in Calibration Feature	Series: Materials Science and Engineering-	doi:10.1088/1757-899X/1012/1/012043			
8.	Dr. Atul Joshi	Design of Portable Air Purge Level Transmitter with Built-in Calibration Feature	IOP Conference Series: Materials Science and Engineering-	Vol 1012 (2021) 012043, doi:10.1088/1757-899X/1012/1/012043	Jan 2021	SCOPUS	NIL
9	Yashwant Adhav	IoT based Accident Detection & Tracking System A Contribution towards Smart City, Smart Healthcare Domains & Industry 4.0	International Journal of All Research Education and Scientific Methods (IJARESM)	ISSN: 2455-6211 Volume 9, Issue 5	May-21	IJARESM Publication, India Non Scopus	NIL
10	Manisha Narawane	Reading Analog Gauges Using Open CV for Hazardous Area Applications	International Journal of New Technology and Research (IJNTR)	ISSN: 2454-4116, Special Issue Pages 39-42	June 2021	Non-scopus	NIL

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### Research Publications 2020-21

AY 2020-21: Conference Publications							
SN	Faculty Name	Title of Paper	Name of Conference	Date and place of conference & DOI	Publication Year	Indexing SCOPUS/SCI/Other	Citation
1.	Dr. Swati Madhe	A Novel Portable Programmable Air Purge Level Transmitter	International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2020) VIT, Chennai	VIT, Chennai doi:10.1088/1757-899X/1012/1/012043	2 <sup>nd</sup> -3 <sup>rd</sup> Oct 2020	SCOPUS	NIL
2.	Dr. Vaishali Upadhye	A Novel Portable Programmable Air Purge Level Transmitter	International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2020) VIT, Chennai	VIT, Chennai doi:10.1088/1757-899X/1012/1/012043	2 <sup>nd</sup> -3 <sup>rd</sup> Oct 2020	SCOPUS	NIL
3.	Dr. A. K. Joshi	A Novel Portable Programmable Air Purge Level Transmitter	International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2020) VIT, Chennai	VIT, Chennai doi:10.1088/1757-899X/1012/1/012043	2 <sup>nd</sup> -3 <sup>rd</sup> Oct 2020	SCOPUS	NIL
4.	Dr. Revati Sriram	Ocean Pollution Detection using Image Processing	International Conference on Emerging Smart Computing and Informatics (ESCI)2020, Pune, India IEEE	Pune, India DOI: 10.1109/ESCI50559.2021.9397025	5-7 March 2021	SCOPUS	NIL

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5.	Dr. Revati Sriram	Acquisition and Analysis of Skin Impedance in Parkinson's Disease	International Conference on Communication, Circuits, and Systems 2020, Odisha, India	Odisha, India	16-18 Oct 2020	SCOPUS	NIL
6.	Dr. Revati Sriram	Analysis of Electroencephalogram during Coloured Word Reading Interference	International Conference CISCON 2020, Manipal	Manipal, India	30-31 Oct 2020	SCOPUS	NIL
7.	Dr. Revati Sriram	CPPG Based Emotion Classification Based on Statistical and Eigen Space features and Performance Analysis of Classifiers	International Conference CISCON 2020, Manipal	Manipal, India	30-31 Oct 2020	SCOPUS	NIL
8.	Dr. Nivedita Daimiwal	CPPG Based Emotion Classification Based on Statistical and Eigen Space features and Performance Analysis of Classifiers	International Conference CISCON 2020, Manipal	Manipal, India	30-31 Oct 2020	SCOPUS	NIL
9.	Dr. Revati Sriram	Statistical Analysis of Coherence between Electrical and Hemodynamic Brain Signal	International Conference CISCON 2020, Manipal	Manipal, India	30-31 Oct 2020	SCOPUS	NIL

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10.	Dr. Nivedita Daimiwal	Statistical Analysis of Coherence between Electrical and Hemodynamic Brain Signal	International Conference CISCON 2020, Manipal	Manipal, India	30-31 Oct 2020	SCOPUS	NIL
11.	Dr. Revati Sriram	Detection of Parkinson's Disease through smell Signatures	International Conference on Communication and Signal Processing	India	28-30 July 2020	SCOPUS	NIL

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### Research Publications 2020-21

AY 2020-21: Book Chapter							
SN	Faculty Name	Title of Paper	Name of Book	Volume & page no. DOI	Publication Year	Indexing SCOPUS/SCI/Other	Citation
1.	Dr. Revati Sriram	Statistical Analysis of Coherence between Electrical and Hemodynamic Brain Signal	Springer Book Chapter in LNEE series	ISBN No: 978-981-16-0336-5 1	First Online 15 May 2021	SCOPUS	*
2.	Dr. Revati Sriram	CPPG Based Emotion Classification Based on Statistical and Eigen Space features and Performance Analysis of Classifiers	Springer Book Chapter in LNEE series	ISBN No: 978-981-16-0336-5 1	First Online 15 May 2021	SCOPUS	*
3.	Dr. Revati Sriram	Analysis of Electroencephalogram during Coloured Word Reading Interference	Springer Book Chapter in LNEE series	ISBN No: 978-981-16-0336-5 1	First Online 15 May 2021	SCOPUS	*
4.	Dr. Nivedita Daimiwal	Statistical Analysis of Coherence between Electrical and Hemodynamic Brain Signal	Springer Book Chapter in LNEE series	ISBN No: 978-981-16-0336-5 1	First Online 15 May 2021	SCOPUS	*
5.	Dr. Nivedita Daimiwal	CPPG Based Emotion Classification Based on Statistical and Eigen Space features and Performance Analysis of Classifiers	Springer Book Chapter in LNEE series	ISBN No: 978-981-16-0336-5 1	First Online 15 May 2021	SCOPUS	*
6.	Dr. Revati Shriram	Acquisition and Analysis of Skin Impedance in Parkinson's Disease	Springer Book Chapter in LNEE series	ISBN No: 978-981-334-866-0	First Online April 2021	SCOPUS	*

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7.	Dr. Revati Shriram	Detection of Parkinson's Disease Through Speech and Smell Signatures	Springer Book Chapter in LNEE series	ISBN No: 978-981- 15-9018-4	First Online 2021	SCOPUS	
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