SRES', Sanjivani College of Engineering, Kopargaon
(An Autonomous Institute affiliated to SPPU, Pune)
Staff Profile

Personal Information	
Name of Teaching Staff: Dr. N. K. Darwante	
Designation: Associate Professor	
Department : Electronics and Computer Engineering	
Date of joining : 20/07/2006	
E Mail ID :	darwantenavnathetc@sanjivani.org.in
Contact No:	**8788796514**

Education Details

Qualification	Specialization with Class or Grade	University	Year
UG	BE (E&Tc),First Class with Distinction	Dr. B. A. M. U. Aurangabad	2000
PG	MBA (Marketing), First Class	I.G.N.O.U. Delhi	2006
PG	ME (Electronics), First Class	Dr. B. A. M. U. Aurangabad	2009
Ph.D	Electronics Engineering	Research Centre: NIELIT Aurangabad , University: Dr. B. A. M. U. Aurangabad	2019

Total experience in years:

Teaching:	16 years
Industry:	6 Years

Research and Publications

1. N. K. Darwante, Dr. U. B. Shinde, "Comparison of Self Developed Deep CNN Architecture with State of Art Existing Techniques", CiiT International Journal of Artificial Intelligent Systems and Machine Learning, Print: ISSN 0974-9667 & Online: ISSN 0974-9543, volume 10 No. 3, pp 72-76, March 2018.

2. N. K. Darwante, Dr. U. B. Shinde, " Enhanced Feature Development Method for Object Recognition in Real Images" Academic science international Journal of Electronics, Electrical and Computational System ISSN 2348-117X, Volume 4, Issue 6,PP 17-26, June 2015.

3. N. K. Darwante, Dr. U. B. Shinde, "Identification of Objects Class and Qualities using Deep CNN Based Architecture", World Journal of Technology, Engineering and Research, Volume 2, Issue 1 (2017), pp 93-101, Nov. 2017.

4. N. K. Darwante, Dr. U. B. Shinde, " Object Detection Using Convolution Neural Network", International Journal of Advanced in Management, Technology and Engineering Sciences, ISSN NO: 2249-7455 Volume 8, Issue II, pp 422-426, FEB/2018. DOI:16.10089.IJAMTES.2018.V8I01.15.2051

5. N. K. Darwante, Dr. U. B. Shinde, "Identification of Objects Class and Qualities using R-CNN Architecture", IET journal of Computer vision, The institute of Engineering and Technology.

6. N. K. Darwante, Dr. U. B. Shinde, "NavNet : A Enhanced method for Identification of Objects Class and Qualities", Springer Journal of Machine vision and applications, Springer.

7. N. K. Darwante, Dr. D. N. Kyatanavar, 'Enhanced Method for Identification of Objects Class And Qualities In Real Images" published on open access website scribed.com.

8. N. K. Darwante "Deep Learning based CNN Architecture 'NavNet' For the Identification of Object Class and Qualities in Real Images" CiiT International Journal of Artificial Intelligent Systems and Machine Learning, Print: ISSN 0974-9667 & Online: ISSN 0974-9543, Vol. 13, No 2,pp 17-21 February 2021.

Papers presented in conferences:

A. International Conference

1. N. K. Darwante, L. D. Narote, 'Automated Teller Machine Using Embedded System, International Conference ICEVD-2008, PDVVP COP Ahemadnagar, 20th –21st March 2008.

2. N. K. Darwante, L. D. Narote, 'CRC check for AVR microcontroller program memory, Pravara International conference on emerging trends in engineering, Pravara COE Pravaranagar , 20th – 22nd December 2008.

B. National Conference

1. N. K. Darwante , J. G. Rana, 'Effective ICU Gas Parameter Monitoring and control System', ACES-09 National Conference on Emerging trends in Electronics, J.N.E.C. Aurangabad, 8th - 9th January 2009.

2. N. K. Darwante, Dr. D. N. Kyatanavar, L. D. Narote, ' Effective Wireless Communication System in Caves, Sanjivani Vision-2011, National Conference on Emerging trends in Engineering, SRES College of engg. Kopargaon ,12-13 March 2011.

3. N. K. Darwante, Dr. U. B. Shinde, "Efficient CNN Architecture 'NavNet' For the Identification of Object Class and Qualities in Real Images", Sanjivani Vision 2018-National Conference on Advances in Engineering and Management (NCAEM)-18, Dec. 2018.

4. S.Shinde, N.Jadhav, P.Bhavar, S.Nikhade, Dr. N. K. Darwante, "Smart Electric Shock Alert System", National conference on Communication and signal processing system (NCCSS-21), R.M.K. College of Engineering and Technology, 8-9 Oct. 2021.

Research Profile URL	
Google Scholar	**https://scholar.google.co.in/citations?user=1OqKI5gAAAAJ&hl=en**
Scopus	**-**
Orcid	**https://orcid.org/0000-0001-5881-9332**
Other Research Details	
Ph D Guide ?Give field & University:	**-**
Ph Ds/ Projects Guided:	**-**
Books Published	**-**

IPRs/Patents	-
Professional Memberships:	-
Interaction with professional institutions	-

Consultancy Activities

Duration	Title of Activity	Issued Organization	Amount

Grants fetched

Duration	Title	Issued Organization	Amount

Awards

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FACULTY DEVELOPMENT PROGRAMMES ATTENDED

Name of the FDP / Workshop	Organization	Duration	Month-Year
workshop on -Effective Research Methodology	SRES College of Engg.Kopargaon.	28/01/2010	
workshop on -Syllabus detailing of SE (Elex/ETC) Sem-II subjects (2008 course)	S.G.R.E.F's COE & management, Chas, A'nagar.	12/01/2010	
workshop on -Syllabus Detailing of B.E – Mobile communication subject (2008 course)	K.K. wagh institute of Engineering Education and research.	16/07/2011	
workshop on -Virtual reconfigurable hardware	e-Prayog IIT Bombay at SRESCOE	04-05/02/2012	
Faculty Orientation Program for subject EDC (2012 PATTERN)	SITS, Narhe, Pune	05/11/2014	
.MATLAB and Simulink in Engineering Education	SRES College of Engg.Kopargaon	08/08/2015	

STTP on ' Implementation of IOT and Image processing using Raspberry PI.	Vishwakarma Institute of Technology	11th to 14th Nov. 16
Conducted workshop 'Introduction to PROTEUS ISIS simulation and ARES design software'	SRES College of Engg. Kopargaon	05/08/2015
workshop 'Virtual Lab'	SRES College of Engg. Kopargaon	04/04/2016
FDP on ' Recent Trends in Energy Research'	Dr. Babasaheb Ambedkar Technological University, Lonere.	7-11 Dec. 2015
Four days' workshop 'Introduction to PROTEUS ISIS simulation and ARES design software'	Sanjivani College of Engg. Kopargaon	10-13 Aug. 2016
One week STTP on 'Nature inspired computations in Engineering'	Dr. Babasaheb Ambedkar Technological University, Lonere	18-22/05/2015
Faculty oriented workshop B.E. (E&Tc) revised syllabus 2015 course for the subject- Mobile Communication	BOS, SPPU , Pune	13-14/12/2018
Conducted capsule course on ' Python Programming' for TE (E&Tc) students	Dept. of E&Tc, Sanjivani COE	AY 2018-19, Sem.II
AICTE Sponsored 3 day student induction program	Dr. DY. Patil COE, Akurdi	13-15/05/2019
AICTE Sponsored 7 day student induction program	CSMSS's Chh. Shahu College of Engg.	10-16/06/2019
One day workshop of 'eSim, a first course in the IoT Series for Teachers'	IIT Bombay at remote centre	21/09/2019
Two week AICTE Sponsored FDP on " Emerging Trends in Speech, Image & Video Processing Techniques"	Sanjivani College of Engineering Kopargaon	25 Nov. To 7 Dec. 2019
Conducted capsule course on ' Python Programming' for TE (E&Tc) students	Dept. of E&Tc, Sanjivani COE	AY 2019-20, Sem.II

One-week Online Faculty Development Program on "New Challenges & Issues of Indian Electricity Market for Upcoming Decade-2030"	Sandip Institute of Technology & Research Centre, Nashik	11/05/2020 to 15/05/2020.
AICTE Training And Learning (ATAL) Academy Online FDP on " Medical Image Processing And Deep Learning Technologies"	Panimalar Institute of Technology.	21/09/2020 to 25/09/2020
5-day online FDP on "Universal Human Values for DEEKSHARAMBH (Student Induction Program)"	organized by NIT Patna	21 to 25 September 2020
AICTE Sponsored One Week Online Short Term Training Programme (STTP) Series - 1 on " Long Range (LoRa) Wireless Area Networks: A Futuristic Approach "	K S R Institute For Engineering And Technology	19/10/2020 to 24/10/2020.
AICTE Training And Learning (ATAL) Academy Online FDP on " Artificial Intelligence"	Gyan Ganga Institute of Technology & Sciences, Jabalpur	4 – 8 Jan 2021
One day webinar on "National Education policy 2020 with special reference to HEI's"	Sanjivani College of Engineering, Kopargaon	10/04/2021
Awareness workshop – NIRF India Ranking 2021	Joint collaboration of Institute of Academic Excellence, Hydrabad and collegiate education and technical education department, Govt. of Telangana.	18 - 19 Jan 2021
Online training/Webinar on "IEEE Xplore"	EBSCO & IEEE	12/08/2021
AICTE Training And Learning (ATAL) Academy Online Advanced FDP on "Introductory Data Science and Deep Learning"	International Institute of Information Technology - Naya Raipur.	16/09/2021 to 20/09/2021

AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "ROBOTICS"	Katihar Engineering College, Katihar	23/08/2021 to 27/08/2021
AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Machine Learning in Medical Image Processing"	Katihar Engineering College, Katihar	05/09/2021 to 09/09/2021
Conducted Capsule course for all COE students on 'Python for Data Science and Machine Learning'	For all branches of Sanjivani College of Engineering, Kopargaon	01/10/2021 To 14/10/2021

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
AICTE Sponsored FDP on " Emerging Trends in Speech, Image & Video Processing Techniques"	AICTE sponsored FDP conducted at Sanjivani College of Engineering	Two week	25 Nov. To 7 Dec. 2019	60

INVITED LECTURES IN CONFERENCE/SEMINAR

Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized By

OTHER Professional URLs	
Personal Website	-
Linked In Profile	https://www.linkedin.com/in/darwante-n-k-42a88722/
GitHub URL	https://github.com/darwante

YouTube Channel	https://studio.youtube.com/channel/UCay_0Zo6KDSXHMgw0e_LrNQ
Other	-