Dr.D.Himabindu

E-mail Id: sribindu262004@gmail.com,

Assistant Professor,
Department of Electrical and Electronics Engineering (EEE)
School of Engineering&Technology,
Sri Padmavati Mahila Visvavidyalayam, Tirupati – 517502,
Andhra Pradesh, India.

Academic Credentials

S.no	Degree	University/College	Year of Completion	Percentage
1.	PhD	JNTUA,Ananthapur	2024	
2.	M.Tech (Power Electronics)	VIT, Vellore	2006	7.89 CGPA
3.	B.E (EEE)	Madras University	2004	82 I Class
4.	Intermediate	Board Of Higher Secondary Education	2000	73.2% I Class
5.	10 th class	Central Board Of Secondary Education(CBSE)	1998	68% I Class

Teaching Experience

S.no	Name of the Employer	Position Held	Period
1.	Sri Padmavathi MahilaVisvavidyalayam, School of Engineering and Technology,Tirupati	Assistant Professor	18th JUNE 2018 TO Till Date
2.	Sri Venkateswara College of Engineering&Technology, RVS Nagar, Chittoor	Assistant Professor (JNTU University Ratified)	1st JULY 2016 TO 17th JUNE 2018
3.	Siddartha Educational Academy Group of Institutions – Integrated campus, Tirupati	Assistant Professor (JNTU University Ratified)	5th DEC 2011 To 26thJUNE 2016
4.	VITAM, Visakhapatnam	Assistant Professor (JNTU University Ratified)	23rd Dec 2009 to 5th DEC 2011
5.	Sri Venkateswara College of Engineering&Technology, RVS Nagar, Chittoor	Assistant Professor (JNTU University Ratified)	21st Jan 2006 to 31st Oct 2009

Publications and Presentations

Publications in referred journals/ Conferences : 9 SCOPUS – 3 UGC Care A,
5 UGC Approved,
3 International Conferences
1-Book chapter
1-Book Author

Seminars/Workshops Attended : Workshops-6 ,Seminars-2

FDP/Refresher Course/STTP Attended : FDPs-11,Training Programs-3

Publications

Title Of Paper	Name Of The Authors	Name of the journal/ Conference	Nature of Journal	Year of publication	ISSN number	Volume &Issue Number	S.N0/Page number
"DTC for Variable Speed Wind Turbine Driven Induction Generator Using ANN"	DVN Ananth D.Himabindu K.Venkata Ramana V.Jagadeesh	International Journal of Research and Reviews in Computer Science (IJRRCS)	UGC Approved	August 2011	2079-2557	Vol.2,No.4 ,	
"Direct Torque Control for Variable Speed wind Turbine Driven Induction Generator Using ANN Algorithm"	DVN Ananth D.Himabindu K.Venkata Ramana	2012 PES Innovative Smart Grid Technologies Conference	**IEEE proceedings**	January 2012			
"PV Applications VSI for DC-DC Boost Converter fed with comparision of Z-Source Inverter "	D.Himabindu	Global journal of Advanced Engineering Technologies (GJAET)	UGC Approved	March 2016	2277-6370	volume 5,Issue – 1,	
"A Three Phase PV Quasi-Z Source Inverter with Reduced Capacitance Using Modified Modulation and Double	R. Aruldass , D. Himabind, Y. N. Vijay Kumar	International Journal of Scientific Engineering and Technology Research	UGC Approved DOI: http://ijsetr.com/uploads/254631IJSETR14402-524.pdf	April 2017	2319-8885.	Vol.No: 6 Issue No: 15	2842-2849

Frequency Ripple Suppression Control”							
Performance of QZSI fed Induction motor Drive system with Resonant Arm and OTT Filter	D.Himabindu Dr.G.Sreenivasan Dr.R.Kiranmayi	i-manager’ s Journal on Electrical Engineering	UGC Approved	March 2018	0973-8835 E-ISSN-2230-7176	Vol.11 Issue-3	25-33
Fractional order PID controlled QZSI fed Induction Motor drive system with OTT filter	D.Himabindu Dr.G.Sreenivasan Dr.R.Kiranmayi	International Journal of Recent Technology and Engineering (IJRTE)	SCOPUS	Feb 2019	2277-3878	Vol-7 Issue-5S3	S.No :70 379-383
A RBFN Controlled Double Boosted Sepic Converter For Novel Grid Interactive Converter	D.Himabindu E.Vidyapriya	International Journal of Research	UGC Approved	June 2019	2236-6124	Vol-8 Issue-VI	6816
Hystersis Contrlled Quazi Z Source Inverter Drive System With Enhanced Response	D.Himabindu Dr.G.Sreenivasan Dr.R.Kiranmayi	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	SCOPUS	Feb 2020	2278-3075	Vol-9 Issue-4	S.No: 548 3286-3291
Implementation of Grid Connected PV Inverter With Adaptive Neuro Fuzzy Interface System	D.Himabindu	Mukt Shabd Journal	UGC CARE	Feb 2021	2347-3150	Volume X, Issue II,	
Fuzzy-logic-controlled-Quasi-Z-SourceInverter-Fed-Induction Motor-DriveSystem with fast-response	D.Himabindu Dr.G.Sreenivasan Dr.R.Kiranmayi	7th International Conference on Electrical Energy Systems (ICEES - 2021).	IEEE xplore	April 2021	45-50		
Modeling and Simulating a battery management system for an Electric Vehicle Applications	D.Himabindu A.Sahithi	Mukt Shabd Journal	UGC CARE	DECEMBER2021	2347-3150	Volume X, Issue XII,	79
Control&Implementation of Fuzzy Based DFIG Wind Power Generators in Unbalanced Micro grids	D.Himabindu P. Vyshnavi	Mukt Shabd Journal	UGC CARE	DECEMBER2021	2347-3150	Volume X, Issue XII,	1`
Model-Predictive-controlled-Quasi Z Source Inverter-Fed-In	D.Himabindu Dr.G.Sreenivasan Dr.R.Kiranmayi	International Journal of Advanced Computer Science and Applications (IJACSA)	**ESCI**	January 2023	2156-5570 (Online) 2158-107X (Print).	Vol-14 Issue 1	843-852

duction Motor-Drive System with Abridged Steady-State-Error							
Design And Analysis Of 32-Bit Reversible Alu For Low Power Applications	D.Himabindu	Semiconductor Optoelectronics,	**SCOPUS**	25-07-2023	1001-5868	Vol. 42 No. 2 (2023),	181-187
Face Recognition Using Computer Vision and CNN Algorithm	Dr. D. Sri Hari, Dr. T. Chandra Sekhar Rao, T. enkataramana, D. Himabindu	International Journal of Intelligent Systems And Applications In Engineering	**SCOPUS** https://ijisae.org/index.php/IJISAE/article/view/4271	27-12-2023	2147-6799	Vol 12 No -9s (2024)	252-255
Efficiency enhancement in hybrid renewable energy system using polycrystalline silicon cell	M. Dilip Kumar, D. Himabindu,	International Journal of Applied Power Engineering (IJAPE)	**SCOPUS https://ijape.iaescore.com/index.php/IJAPE/article/view/20695/13222**	September 2024	2252-8792	Vol 13, No - 3	679-686
Object Recognition using Machine learning	Dr D Srihari, Dr S.Jeevitha, Dr T.Chandra Sekhar Rao, Dr D Himabindu, Mr Madhu G.C	Journal of Electrical Systems	**SCOPUS https://journal.esrgroups.org/jes/article/view/6224/4369**	2024	1112-5209	Vol 20, No - 3	4959-4966
Current Mirror And Current Limiter Based High Performance Voltage Level Shifter	Dr D Srihari, Dr.D.Himabindu	Futuristic Trends in Network&Communication Technologies (Book Chapter)	IIP Series https://www.doi.org/10.58532/V3BINC3P8CH1	May-24	978-93-6252-368-6		
Control Systems (Book Author)	Dr.P.Sasikiran Dr.D.Himabindu	Charulatha Publications		2023	978-93-5577-745-4		
Enhanced Bidirectional Wirel Ess Power Transfer For Electric Vehicles Using Pso Based Smc With Phase Shift Modulation	S. Gayathri , D. Hima Bindu , S.Sakunthala	Geoscience Journal	SCOPUS	2025		Volume 6 Issue 12	
Design And Simulation Of Electric Vehicle Fed With Permanent Magnet Synchronous Motor By Fuzzy Logic Controller	S.Sakunthala D.Himabindu Dr.R.Kiranmayi	Geoscience Journal	SCOPUS	2025		Volume 6 Issue 12	
Enhanced Mems-Driven Adaptive Braking And Speed Control System For Electric Vehicles	Manohara M. Padmaja S.N. Supriya K.; Himabindu D.; Rani D.L.; Thrinath B.V.S	International Conference on Computing Technologies Icoct 2025		2025			

Seminars/Workshops/FDPs Attended

S.no	Title	Place	Duration	National/ International
1.	A one day workshop on Gas insulators	K.L.College of Engineering, Vijayawada	09th October 2007	National
2.	"Instructional Design and Delivery"	SVCET, Chittoor	3rd to 8th December 2007	National
3.	VLSI Design and Embedded System	SVCET, Chittoor	18th August 2008	National
4.	Advanced Technologies for Sustainable Environment	SVCET, Chittoor	20th and 21st February 2009	National
5.	DSP Controlled Power Electronic systems and Applications(DSPPESA)	SVCET, Chittoor	10th and 11th July 2009	National
6.	Two days workshop on VLSI Design Tools	VITAM, Vishakapatnam	16th and 17th September 2011	National
7.	A two week orientation program on Research Methodology and Intellectual Property Rights	JNTUA, Ananthapur	13th to 25th June 2016	
8.	Two days workshop on "Energy Conservation and Auditing"	SVCET, Chittoor	9th and 10th September 2016	National
9.	Faculty Development Programme on "Role Model"	SVCET, Chittoor	24th and 25th September 2016	National
10	A Three day workshop on "Industrial Applications of Electrical Engineering"	SV University, Titupati	19th to 21st July 2018	National
11	One Week Hands On Workshop On Python And Data Science	SPMVV,Tirupati	2-3-2020 TO 7-3-2020	National
12	Two Day National Workshop On Capacity Building On Life Skills Education	SPMVV,Tirupati	18,19 OCT 2019	National
13	One Week FDP On New Frontiers In Artificial Intelligence-Social Perspective	SPMVV,Tirupati	25-11-2019 TO 30-11-2019	National
14	One week FDP on Recent Developments in Electrical and Electronics Engineering	SVCET, Chittoor	24-07-2023 to 28-07-2023	National
15	5 days FDP on Emerging Trends and Challenges in Renewable Energy Systems	GATES institute of Technology, Ananthapur.	05-02-2024 to 09-02-2024	National

16	One weeK FDP on Emerging Tools & Techniques in Cloud Computing & Data Science	Narsimha Reddy Engineering college, Secunderabab.	19-02-2024 to 24-02-2024	National
17	National Level Webinar on A GUI Way to Learn Machine Lear ning	Annai vailankanni college of Engineering, Kanyakumari.	01-03-2024	National
18	One weeK FDP on Innovative Teaching learning practices for Engineering Education	SND college of Engineering &n Research Center, Babhugaon, Yeola.	20-01-2025 to 24-01-2025	National

B.Tech and M.Tech Project Works Supervised

M.Tech Dissertations guided : 07

B.Tech Project Works guided : 17

Administrative Positions

Department Coordinator, School of Engineering and Technology (04-06-2024 to till date)
NIRF ranking Committee Member
Coordinator- IQAC , School of Engineering and Technology (24-06-2019 to 1-06-2024)
SOET- Admissions Core Committee – Member (2019-2020)
SOET- Examination Cell-Department Coordinator(2018-2020)
Student Counsellor- EEE Dept- SOET
Virinchi- Faculty Organiser (2019 & 2020)
Time Table Committee /Syllabus/Regulations Committee Member
Students Counseling Convener/Class Teacher
EEEDA-Dept Association Faculty Advisor
HOD
Project Co-ordinator
Seminar Co-ordinator

Courses Taught	
B.Tech	**M.Tech**
• Basic electrical engineering • Electrical Circuit Analysis – I&II • Power Electronics • Power Semiconductor Drives • Electromagnetic Theory • Control Systems • Network Analysis • Switch gear&Protection • LDIC • Utilization of Electrical Engineering. • Electrical Measurements	• Machine Modeling and Analysis • Power electronic control of DC drives • Power electronic control of AC drives

Membership in Professional Bodies

Name of the Society	Membership Category (Member/Life Member e.t.c)	Membership No.
ISTE	Life Member	LM 57000

Additional Information

Ratified as Assistant Professor in the Department of EEE by JNTUA on 13-06-2009.
Active Learner – Completed " Fundamentals of Electrical Engineering" - NPTEL Online Certification.

I hereby declare that the above information is true to the best of my knowledge.

Date: 06.04.2026

Place: Tirupati

(D.Himabindu)