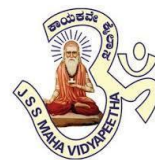





JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Electrical & Electronics Engineering.



FACULTY PROFILE

Department: Electrical and Electronics Engineering

1. Personal Details

NAME	Ms. Chaitra N Yadahalli	
DEPARTMENT	Electrical and Electronics Engineering	
DESIGNATION	Assistant Professor	
PHONE	9910072231	
EMAIL ID	chaitra_yadahalli@jssaten.ac.in	
Date of Joining (JSSATEN)	02-08-2017	

2. Experience

Total Experience in Years	Teaching: 10.5 Years	Industry: 0.6	Research:
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Electrical and Electronics Engineering	2006	UBDT college of Engineering	Kuvempu University
Diploma	Embedded Systems	2008	ICIT	Pune University
M.Tech	Power Electronics	2012	Oxford College of Engineering	VTU
PhD (Pursuing)	Image processing	2019- till date	ASET	Amity University

4. Research & Publications

Papers Published in Web of Science indexed Journals	International:	National:
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Papers Published in SCOPUS indexed Journals	International: 1	National:
Papers Published in other Journals	International:	National:
Papers Presented in Conferences / Symposium	International: 3	National:
Books / Book chapters Published	Name of the book: Publisher: Year of Publication:	
	Name of the book: Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University		University:
PhDs / Projects Guided	Ph.D. Awarded: Guiding:	Projects at Master's Level: Projects at Bachelor's Level: 16

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Light signal Aid Device for Night Drivers in Highways	50,000/-	1st Dec 2018	3 Yrs	JSSHER

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

7. Awards Received

Best faculty	Best faculty for the odd semester for the AY(2018-19)
	Best faculty for the odd semester for the AY(2021-22)

8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Deep learning framework for glaucoma detection using enhanced U-Net segmentation and 2D-CNN classification	Ms. Chaitra N Yadahalli, Dr. Sumit Kumar and Dr. Sujatha K S	Journal of Integrated Science and Technology	J. Integr. Sci. Technol., 2025, 13(8), 1185	Scopus		

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	Light signal aid Device for Night drivers in Highways	Chaitra Yadahalli, Hemant Kumar M H, Meghana B N and Vaibhav Rajput		Sep,2021			

2	Design and Analysis of Three-Axis Solar Panel	Dr. K S Sujatha, Ms. Chaitra N Yadahalli, Praful Agarwal, Pulkit Jain, Rohit anand and Aditya srivastava	IEEE	979-8-3503-7809-2/24/\$31.00 ©2024 IEEE			
3	“Detection Of Glaucoma Using Deep Learning Algorithms”	Ms. Chaitra N Yadahalli, Dr.Sumit Kumar and Dr. Sujatha K S	Elsevier	Volume 259, 2025, Pages 23-34			
4	CDR-Based Grading of Glaucoma Severity Using Segmentation and Classification on Retinal Fundus Images	Ms. Chaitra N Yadahalli, Dr.Sumit Kumar and Dr. Sujatha K S	IEEE				

iv. Workshops /Conferences Attended

S. No.	Name of the Workshop/conference	Organizer	Date
1.	Virtual Lab view	EEE, JSSATEN	17 th Nov 2018
2.	EEG workshop	IIIT, Delhi	1 st -5 th July 2019
3.	Webinar on Virtual Labs	AKTU LUCKNOW	28/4/2020
4.	International webinar 2020 on Qualitative Research, Blogs writing and neuro Science in outbreak of covid 19.	JSSATE Noida, Dept. of MCA	20/05/20
5.	2 Days Instructor Led Live Online Workshop On ML & AI Using Covid-19 Virus Data Analysis	Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee	06 - 07 June 2020
6.	5 Days Instructor Led Live Online Workshop On ML & AI Using Covid-19 Virus Data Analysis	Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee	08 – 12th June 2020

7.	3 days webinar on “Combatting COVID - 19 Pandemic with AI and Robotics: Innovative Indian Startups”	JSSATE, NOIDA	8th, 10th June 2020.
8.	2 days Webinar on “Real time Modeling Control of Energy Systems and Devices”	JSSATE, NOIDA	11th, 12th June 2020.
9.	National Webinar on “POLYTECHNIC EDUCATION – EMBRACING INDUSTRIAL REVOLUTION 4.0”	JSS Mahavidyapeetha Mysuru and Dept. Of Collegiate & Technical Education Govt. Of Karnataka	29-12-2020 to 31-12-2020

v. Workshops / Conference (Organized)

S. No.	Name of the Workshop/conference	Organized By	Date
1.	National Conference on Smart Energy Systems	EEE, JSSATEN	14/06/2019 to 15/06/ 2019
2.	National Conference on Smart Energy, VLSI and Embedded Systems	EC, EE, EEE, JSSATEN	24/09/2021
3	Technical talk on IIoT	ISA,JSSATEN	15/12/2021
4	Hands on training for Solar Photo Voltaic Systems and Design	EEE, JSSATEN	06/12/22 to 17/12/22
5	Familiarization of the Ovation Set up and Software	EEE, JSSATEN	24/07/23 to 26/07/23
6	ATAL FDP on Industry 4.0 Skill Development using AICTE IDEA LAB	EEE, JSSATEN	20/11/2023 to 25/11/2023
7	Workshop of SEPA’s 21st - 22nd Nov Sustainable Energy Practitioners Association	EEE, JSSATEN	21st - 22nd Nov
8	Workshop on Sensors and Arduino	ISA, JSSATEN	08/01/ 2024
9	Hands on session on Arduinio based projects	ISA, JSSATEN	25th Jan 2024
10	ROBOSUMO WORKSHOP	ISA, JSSATEN	18/11/2024 to 20/11/ 2024
11	Indo French Seminar on Emerging Trends and Innovations in Power Electronics Converters for Revolutionizing Environmental Sustainability	JSSATEN with Indo – French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA)	17/11/2024 -21/11/2025

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

S. No.	Name of the Workshop/conference	Organizer	Date

9. Details of NPTEL / COURSERA courses completed

S. No.	Name of the Subject	Organized By	Date of Completion Award	Grade/Marks
1.	Industrial automation and Control	NPTEL	30/6/2018	-
2.	Analog Electronics	NPTEL	31/12/2020	-

10. Membership of Professional Bodies:

1. Faculty Advisor International Society of Automation (ISA)
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11. Any other information you will like to share about your professional experience

- Faculty Advisor of professional society, International Society of Automation (ISA)
- Time table coordinator
- Placement Coordinator
- Website Coordinator
- MoM Coordinator
- Lab In- charge of Controls Lab, Electrical Machines Lab, Microprocessor Lab and Power System Lab
- NBA Criteria 2 Coordinator
- Module Coordinator
- Project Coordinator
- NAAC Criteria 2 Coordinator
- Industrial Training Coordinator
- Mentorship Coordinator
- GD and Seminar Coordinator

WORKSHOP/ PROFESSIONAL TRAININGS / SHORT TERM COURSES ATTENDED

1. Attended two week training on Entrepreneurship Development Programme under National Institute for Entrepreneurship and Small Business Development (NIESBUD) under Ministry of Skill Development and Entrepreneurship, Govt. of India
2. Attended FDP on Recent Developments in Electrical Power System, JSSATE, Noida from 11/06/2018 to 15/06/2018
3. Attended One-week Short Term Training Program (STTP) on Solar PV and Storage Systems from 7/12/20 to 12/12/ 2020.
4. Technical talk on Standards and Advancements in Industrial Cyber security, Technical talk on Standards and Advancements in Industrial Cyber security by Mr. Some Nath Kundu, DGM, PE – C&I,CISO Engg, NTPC Ltd on 10th Dec 2021
5. Technical talk on IIoT Mr .SaikatBhowal, Chief General Manager, Engineers India Limited 15th Dec 2021

6. Attended Hands on training for Solar Photo Voltaic Systems and Design from 06/12/22 to 17/12/22
7. Attended ATAL FDP on Industry 4.0 Skill Development using AICTE IDEA LAB from 20/11/2023 to 25/11/2023
8. Attended Familiarization of the Ovation Set up and Software 24/07/23 to 26/07/23
9. Organized Industrial visit to NTPC Dadri, Gautam budh nagar with Ms. Anuja Thukral, Coordinator of ISA Delhi section, EEE JSSATEN on 14th Sep 2023
10. Seminar on Automation and Augmented Reality by Mr. Anand Iyer, Principal Consultant at ICI, Mumbai on 12th Sep 2023
11. Attended Faculty Development Program on Model-Based Systems Engineering from 06-01-25 to 10-01-25 organized by JSSATE Noida in association with Alphaabets Digital Labs Pvt Ltd

Name: Mrs. Chaitra N Yadahalli

Designation: Assistant Professor

Department: EEE

JSSATEN