FACULTY PROFILE

1. Personal Details

NAME	**Dr. HARSHAVARDHANA M N**
DEPARTMENT	ELECTRONICS AND COMMUNICATION ENGINEERING
DESIGNATION	ASSISTANT PROFESSOR
PHONE	8970122400
EMAIL ID	harshavardhana@jssaten.ac.in
Date of Joining (JSSATEN)	18/04/2022

2. Experience

Total Experience in Years:-11 years	Teaching:-10 years 5 months	Industry:-7 months	Research:-6

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Electronics and Communication Engineering (ECE)	2008	P.E.S College of Engineering, Mandya	Visvesvaraya Technological University (VTU)
M.Tech.	Digital communication	2011	R.V College of Engineering, Bangalore	Visvesvaraya Technological University (VTU)
Ph.D.	Communication	2023	VTU Regional Research Centre, Bengaluru	Visvesvaraya Technological University (VTU)
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 00	National: 00
Papers Published in SCOPUS indexed Journals	International: 02	National: 00
Papers Published in other Journals	International: 01	National: 00
Papers Presented in Conferences / Symposium	International: 01	National: 01
Books / Book chapters Published	01	

5. Research Guidance

PhD Guide? Give field & University	No	University: NIL
PhDs / Projects Guided	Ph.D. Awarded: Guiding: NIL	Projects at Master's Level: -2 Projects at Bachelor's Level: 12

6. Grants
i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration in Years	Grant issuing authority/ Body / Organization
-	-	-	-	-

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

Awards "Best Paper Award"	-

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	"Analysis of an algorithm used for finding Unipolar Orthogonal Codes"	**Harshavardhana M N,JN Vinutha, Hitesh Trivedi, Suraiya Tarannum,**	web of science indexed conference proceeding	Vol. 1187, 1,2021,page012021.	WOS	0.51	IOP Publishing
2	Performance analysis of optical spectral amplitude CDMA system unipolar codes with double weight construction design	**Harshavardhana MN, Suraiya Tarannum**	Journal of Optical Communications	-	Scopus	3.484	De Gruyter
3	Improve cardinality with two-dimensional unipolar (optical) orthogonal codes for multiple access interference	**Harshavardhana MN, Suraiya Tarannum**	Journal of Optical Communications	-	Scopus	3.484	De Gruyter

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 Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	"Algorithm for Enhanced Design Set of all Possible Unipolar Orthogonal Codes"	**MN Harshavardhana,** Suraiya Tarannum	2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)	2019.			IEEE
2	"Automate The Build And Bring up Mobility Manager and Perform the Sanity Test for Mobility Manager"	**MN Harshavardhana,** Dr Nagaraj	published in Wireless Control and Communication Technology (NCWCT-2011),National Conference.	2011.			

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	One week FDP on IOT and Python	EkLakshya	28th Jan-2019 to 2nd Feb-2019.(6 Days)
2	"TLP & NLP"	Cambridge Institute of Technology, Bangalore	22nd - 26th July 2019
3	Five Days Faculty Development program on "Engineering Statistics and Linear Algebra"	Global Academy of Technology, Benagluru	22.01.2020 to 26.01.2020
4	Five Day Faculty Development Program on "Insight into the Modern Technologies and Teaching Learning Processes"	Cambridge Institute of Technology, Bangalore	27.01.2020 to 31.01.2020
5	Half day workshop on Rural communication in 5G and Beyond	IEEE ComSoc, Bangalore	23rd jan 2021
6	Three day workshop on Qualitative Research Methods – A Guidance for research career	NIE Mysore	15th to 17th Febraury 2021
7	One weekOnline FDP on "Cyber Crime and Forensic Tools"	NITTTR Chandigarh	23.5.2022 to 27.05.2022
8	One weekOnline FDP on "Trends in Innovation, Design Thinking & IPR"	MIT,Moradabad	30.5.2022 to 03.06.2022
9	One weekOnline FDP on "Cryptography for infomation Security"	NITTTR Chandigarh	09.5.2022 to 13.05.2022
10	Three Days FDP on "Artificial Intelligence"	TechSaksham	21/12/2022 to 23/12/2022
11	Two Weeks FDP on "Integration of WSN & IOT for Agriculture"	ATAL	02-01-2023 to 13-01-2023
12	IIT Kanpur PYTHON + MATLAB and SIMULINK Advanced Training School on 4G/ 5G Technologies Organized by Prof. Aditya K. Jagannatham, EE Department, IIT Kanpur from	IIT Kanpur	15/04/23 to28/04/23

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Advances and Applications of Smart Systems Engineering Devices	Cambridge Institute of Technology, Bangalore	1616th Dec-2019 to 28th Dec-2019	Coordinator
2	One week FDP on IOT and Python	EkLakshya	28th Jan-2019 to 2nd Feb-2019.(6 Days)	Coordinator
3	Six days short Term Training program (STTP) ON ASIC Chip Design and Verification Course	Cambridge Institute of Technology, Bangalore	03rd FEB-2021 to 08th FEB-2021	Coordinator
4	National Conference on Emerging Trends in Engineering 2021 (NCETE 2021)	Cambridge Institute of Technology, Bangalore	08th to 09th July 2021	Coordinator
5	Two Weeks FDP on "Integration of WSN & IOT for Agriculture" ATAL	JSS Academy of Technical Education	02-01-2023 to 13-01-2023	Coordinator

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Two Week AICTE sponsored FDP on Advances and Applications of Smart System Engineering	Cambridge Institute of Technology	16.12.2019 to 28.12.2019

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
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10. Membership of Professional Bodies:

IEEE (No. **95617831**), ISTE (No. **LM 129566**)

11. Any other information you will like to share about your professional experience

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