

Name : Dr. Harshavardhan Awari  
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Department : CSE  
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Experience (in years): Teaching: 15    Research: 05 Others(if any, specify): Industry: 0 Years

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D (JNTUH)	2021	CSE
2.	M.Tech.(JNTUH)	2008	CSE
3.	B. Tech	2004	CSE

### 2. Teaching and Learning:

2.1. Teaching Interests: Design and Analysis of Algorithms, Software Engineering, Design Patterns, Linux Programming, Unix Network Programming, Mobile Computing, Operating Systems, Image Processing, Distributed Operating system.

2.2. Novel Teaching & Learning Techniques adopted: Blooms Taxonomy, WIT & WIL, PPT's, online mode of Teaching

2.3. Involvement in curriculum updating / Design:

### 3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Counseling students who are lagging in academics.
- Motivate students who have less confidence on them to improve their confidence levels.
- Interest to learn new technologies and activities
- Motivate students to involve in all activities and encourage them to participate in paper presentation to improve their skills

3.2. CCA/ECA Organized: NIL

3.3. CCA/ECA participated: NIL

3.4. Counseling and Mentoring Activity:

3.5. Committees involved in:

Department level: Monthly Report Maintenance

Institute Level: Nil

### 4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted

- Organized a two day national level workshop on “National Network Security Championship”
- Organized a two day national level workshop on “Research Issues Future Trends and Patentable Areas in Cloud Computing”
- Organized a two day national level workshop on “Numerical Methods Using MATLAB “
- Organized a two day national level workshop on “Block Chain Technologies “

4.2. Attended

Attended 50+ various workshops at institution and university level

- Participated in the Five day national Faculty development programme “Artificial Intelligence” sponsored by ATAL and organized by Dept. of CSE, Amity University, from 11-01-2021 to 15-01-2021
- Participated in the Five day national level Faculty development programme in “Immersive Virtual Reality” sponsored by ATAL and organized by Dept. of CSE, S R Engineering College from 04-01-2021 to 08-01-2021.
- Participated in the Five day national level Faculty development programme in “AI-Using python.” Brainovision Solutions India Pvt. Ltd. from 14-08-2020 to 19-08-2020.
- Participated in the Five day national level Faculty development programme in “Design Thinking FDP.” Organized by S.R.K.R Engineering College, Bhimavaram, from 24-08-2020 to 28-08-2020.
- Participated in the Six day national level Faculty development programme in “Software Project Management.” Sponsored by IEEE and Organized by CHITKARA University. from 11-05-2020 to 16-05-2020
- Participated in the Two day national level Faculty development programme in “Online Tools & Software for Remote Teaching – Learning “ Sponsored by UGC-HRDC and Organized by , JNTUH, Hyderabad. from 24-04-2020 to 25-04-2020
- Participated in the Six day national level Faculty development programme in “Advanced Research Methodology & Innovative Teaching Pedagogy “ Organized by Tulasiramji Gaikwad-Patil College of Engineering & Tech

## **5. Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: NIL

5.4. Projects Guided:

a) UG: 18

b) PG: 07

5.5. Research Interests: Machine Learning

5.6. Ph.D students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed Journals:

Total No. of Papers published:37

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ ISSN No.	Impact Factor/ Citation Index	National/ International
1.	Brain Tumor Segmentation Methods – A Survey	Jour of Adv Research in Dynamical & Control Systems Volume 11 Issue 1	ISSN-1943-023X	-	International
2.	An Improved Brain Tumor Segmentation and Classification Method using SVM with various Kernels	Journal of international Pharmaceutical Research Volume 46 Issue 2	ISSN-1674-0440	-	International
3.	Design Methods for Detecting Sensor Node Failure and Node Scheduling Scheme for WSN	International Journal of Engineering and Advanced Technology (IJEAT) Volume 09 Issue 1	ISSN-2249-8958	-	International
4.	Lifting wheelchair for limbless people	IOP Conf. Series: Materials Science and Engineering Volume 981 Issue 20	ISSN-17578981	-	International
5.	Security and Safety in Amazon EC2 Service – A Research on EC2 Service AMIs	International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume 8 Issue 6S4	ISSN-2278-3075	-	International
6.	Enhancements of Artificial Intelligence and Machine Learning	International Journal of Advanced Science and Technology Volume 28 Issue 17	ISSN-2005 - 4238	-	International
7.	Variation Analysis of Artificial	International Journal of Advanced Science and		-	International

	Intelligence, Machine Learning and Advantages of Deep Architectures	Technology Volume 28 Issue 17	ISSN-2005 - 4238		
8.	A Smart Neural Schema based Volitional Control for Paralysed People	European Journal of Molecular & Clinical Medicine Volume 7 Issue 2	ISSN-2515-8260	-	International
9.	Determining Interesting Rules for Many-Valued Concepts using Rule Mining – Information Gain	International Journal of Advanced Science and Technology Volume 29 Issue 10S	ISSN-3002-3011	-	International
10.	A Survey on Brain Tumor Segmentation Methods with the Remedial Approach	International Journal of Innovative Research in Science, Engineering and Technology Volume 6 Issue 6	ISSN-2319-8753	-	International
11.	Techniques Used For Clustering Data and Integrating Cluster Analysis Within Mathematical Programming	Journal Of Mechanics Of Continua and Mathematical Sciences Volume 14 Issue 6	ISSN-2454 - 7190 0973 -8975	-	International
12.	Data exploration as a process of Knowledge finding and the role of mining Data towards information security	Journal Of Mechanics Of Continua and Mathematical Sciences Volume 15 Issue 6	ISSN-2454 - 7190 0973 -8975	-	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1.	3D Surface Measurement through Easy-snap Phase Shift Fringe Projection	Springer conference International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2016)	International	2
2.	Huge information security issues In view of quantum cryptography and protection with Confirmation	National Conference on Current Research Advancements in Computer Science(CRACS-17)	National	2
3.	An Improved Brain Tumor Segmentation Method from MRI Brain Images	IEEE Conference International Conference On Emerging Computation and Information Technologies (ICECIT-2017)	International	2

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	.				
2	.				
3	.				

6. Awards / Honors received:

- Best **Elsdm** (eLearning Solutions and Two Way HD delivery Mechanism for Teachers and Students) **Coordinator** of SR Engineering College for the academic year 2014-2015.
- **First Prize of Best Overall Conceptual Design** in “**IUCEE EPICS Design Thinking Course**” from august 2017 to January 2018.
- Certification of **Appreciation from SWAYAM NPTEL** for instrumental role as SPOC for the SWAYAM NPTEL Local chapter.
- Session Chair for our conference **INTERNATIONAL CONFERENCE ON SCIENCE AND INNOVATIVE ENGINEERING 2020 (ICSIE)** held at Chennai, India on 06th September 2020.

**7. Motto:** Education is a commitment to excellence in Teaching and Learning.