

Name of Teaching Staff **Dr. M Swamy Das**  
 Designation Professor  
 Date of Joining 10-02-1997  
 Unique ID 1-442517449



Education Qualifications	Name of the Degree	Class
<b>Ph. D</b>	Doctor of Philosophy (CSE)	Awarded
<b>PG</b>	M. Tech. (CSE)	Distinction
<b>UG</b>	BE(CSE)	First

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Work Experience

**Teaching** 27 Years  
**Research** 02 Years  
**Industry** 12 Years  
**Others** --

Area of Specialization Image Processing, Machine Learning, AI

Professional Memberships Member of CSI, ISTE-LM 33902 IETE-M-177218, Swecha

Responsibilities held at Institute level

1. Joint director, Academics (Informatics) since 1<sup>st</sup> June 2020
2. Head, CSE Department from 24-08-2017 to 31-05-2020
3. Chairperson, BoS, CSE- Aug 2017 to 30-06-2020
4. Member Academic Council, CBIT, since June-2020

Responsibilities held at Department level

1. Member BoS, Department of CSE- CBIT, VJIT, KITSW, MRCET; Department of IT-GNITS
2. MTech Coordinator, 2014 to Aug 2016
3. MTech NBA Coordinator, Dec 2016 to July 2017
4. Member PAC-MTech (CSE)
5. Convener, CEG, CC, MCC,
6. Labs establishment, Campus WiFi
7. CBIT Open Source Community Coordinator (earlier), Aug 2013 to Aug 2017.

Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma level

Operating Systems, Data Structures, Data Communications, Computer Networks, Database Management Systems, Computer Organization, Programming Languages, Problem Solving, Object Oriented Programming using C++, Microprocessor and Interfacing, Free and Open Source Software, Linux Programming and Scripting Languages, Latex, Programming in C, Machine Learning, Data Mining, Network Security

Research guidance 10 Research Scholars work is in progress.

No. of papers published National Journals or International Journals: 15

National Conference or International Conference: 10

	Completed	Ongoing
Master	27	02
Ph.D.		10

Projects Carried out AICTE SPDP Scheme

Patents (Filed & Granted) **01**

Technology Transfer --

Invited Speaker

1. Delivered a lecture on "Open Knowledge Systems" in a two-day
2. Faculty Development Program(FDP) on "Creating awareness on Outcome-based Educational Research Methods for Engineering Faculty" organized by JNTU Manthani during 28th-29th Feb'2020.
3. Delivered a lecture on "Security Challenges in IoT" in a one week AICTE Faculty Development Program on "AI-based IoT", Dec 2019.
4. Delivered a lecture on "Copyright and Copyleft" in a one-week FDP on "Contemporary Research and IPR" (28th Jan -1st Feb 2019).
5. Delivered a lecture on "OERs and Learning Management Systems" in a one week UGC- MHRD workshop "MOOCs, e-Content Development

and Open Educational Resources” organized by MANU, Hyderabad, 20-06-2019.

6. Delivered a lecture on “Teaching Learning using Moodle. in one- week UGC workshop on “MOOCs, e-Content Development and Open Educational Resources” organized by MANUU, 14-03-2019.

#### Research Publications

(No. of papers published in National / International Journals / Conferences)

25

No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)

Published a book on “Neural-Based Hit-Count Feature Extraction Method for Telugu Script Optical Character Recognition”, Springer, 2019. (<https://www.springerprofessional.de/en/neural-based-hit-countfeature-extraction-method-for-telugu-scri/16080472>)

Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized)

1. Organized a one-day event “BRAINS” in association with MUST AND NASSCOM on 28-09-2019
2. Organized a one-week workshop on “Lab Instruction and Manual Preparation” in association by NITTK, Kolkatta, Feb 2019
3. Organized a three-day international conference on vedic Mathematics Aug 2019

#### International/National Journals from the Year 2017

1. Reliable cluster based data aggregation scheme for IoT network using hybrid deep learning techniques Measurement: Sensors, Elsevi national journal Volume 27, Year 2023 DOI:10.1016/j.measen.2023.100744
2. B Satish, M Swamy Das, “Performance Enhancement of Database Operations on Large Medical Image Data sets”, ijace, online vii volume, issue1, May 2019

#### International/National Conferences from the Year 2017

1. A Review on Deep Learning Approaches for Histopathology Breast Cancer Classification Lecture Notes in Networks and Systems, Volume 606, Year 2023, Pages 367-375 DOI:10.1007/978-981-19-8563-8\_35
2. Dammalapati H.;Swamy Das M “An efficient criminal segregation technique using computer vision Conference paper Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2021, Year 2021, Pages 636-641 DOI:10.1109/ICCCIS51004.2021.9397174
3. An applied modular approach to build scalable mobile robots Dammalapati H.;Swamy Das M.Conference Paper Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2021, Year 2021,Pages 322-327 DOI:10.1109/ICCCIS51004.2021.9397087
4. M Swamy Das, KRM Rao, P Balaji, "Neural-Based Hit-Count Feature Extraction Method for Telugu Script Optical Character Recognition" in the conference "Innovations in Electronics and Communication Engineering " Proceeding of the 6th ICIECE 2017. (Print ISBN: 978-981-10-8203-0 / Electronic ISBN: 978-981-10-8204-7)
5. Neural-Based Hit-Count Feature Extraction Method for Telugu Script Optical character Recognition Swamy Das M.;Rao K.R.M.;Balaji P.Lecture Notes in Networks and Systems, Volume 33, Year 2019, Pages 479-486 DOI:10.1007/978-981-10-8204-7\_48
6. Performance Analysis of Database on Large Medical Images Datasets Journal of analysis and Computation, Year 2019

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