

Name of Faculty Ms. B. Swathi Sowmya
 Designation Assistant Professor
 Nature of Job/Appointment Contract (till 31-05-2022)
 Date of Joining 18-06-2018



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Education Qualifications	Name of the Degree	Class
Ph. D	Pursuing in JNTUH	
PG	M. Tech. (CS), JNTUHCEH	Distinction
UG	B.Tech. (IT)	Distinction

Work Experience

Teaching	07 years
Research	--
Industry	--
Others	--

Area of Specialization Data Mining and Machine Learning

Professional Memberships --

Responsibilities held at Institution Level

1. WBC Faculty Coordinator, from 30-01-2020 to till date.

Responsibilities held at Department Level

1. ISO Internal Auditor.
2. Member, Course Expert Group.
3. Incharge, NBA File P.24, Criteria 2.

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Information Retrieval Systems, Data warehousing and Data mining, Java Programming, Web Technologies

National Journals – International Journals – 02

No. of Papers Published National Conference International Conference –

Projects Carried out --

Patents IML- Traffic Prediction: INTELLIGENT TRAFFIC PREDICTION USING MACHINELEARNING.

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

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

1. Successfully Completed, A One Week Online FDP on "Data Science behind Natural Language Processing" organized by KITS, Warangal during 06-07-2020 to 10-07-2020
2. Successfully Completed, A One Week Online FDP on "Outcome Based Education & NBA Accreditation Process - (UG)" organized by Chaitanya Bharathi Institute of Technology(A), Gandipet, Hyderabad, during 28-05-2020 to 01-06-2020.
3. Successfully Completed, A 5-Day National Level Online FDP on "Artificial Intelligence" organized by Departments of CSE, IT and MCA,

CBIT(A), Hyderabad, Telangana in collaboration with Brain-o-Vision India Pvt.Ltd, during 22-05-2020 to 26-05-2020.

4. Successfully Completed, A 5-Days Online FDP on "Introduction to Data Science", presented by Codegnan IT Solutions in association with Department of CSE, Guntur Engineering College, Guntur, AP, during 18-05-2020 to 22-05-2020.
5. Successfully Completed AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" organized by Indian Institute of Information Technology (IIIT Vadodara) during 11-05-2020 to 15-05-2020
6. Successfully Completed AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" organized by Indian Institute of Information Technology (IIIT Nagpur) during 18-04-2020 to 22-04-2020.
7. Attended one week "FDP on Data Science" organized by Dept of IT, CBIT(A),Hyderabad during 5-08-2019 to 10-08-2019.
8. Attended one week "FDP conducted by InHouse Training Centre, CBIT(A)" during 26-11-2018 to 30-11-2018
9. Attended a two-day workshop on "Introduction to Machine Learning" in GRIET, Hyderabad during 16-12-2017 to 17-12-2017.

Details of Journal Publications/
Conferences **(National and
International)**

International Journal

1. Swathi Sowmya Bavirathi, KP Supreethi "Design and Analysis of Spatial Skyline Queries Indexing", International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Volume-9/ Issue-4S2, March 2020
2. Swathi Sowmya Bavirathi, KP Supreethi "An Approach For Combining Spatial And Textual Skyline Querying Using Indexing Mechanism." *Turkish Journal of Computer and Mathematics Education (TURCOMAT)* 12.11 (2021): 672-680.