

TKR COLLEGE OF ENGINEERING & TECHNOLOGY
PROFILE



Name : **Dr. B. Sunil Srinivas,**
B.Tech., M.Tech., Ph.D., MISTE, MIAENG

Designation : **Professor & Head of the Department.**

Date of Birth : **31st October 1979**

Department : **CSE (AI & ML)**

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Unique ID : **1-4643188902**

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Experience (in years): Teaching: 18 Y Research: 05 Y

Projects carried out: Procs No.JNTUH/TEQIP-III/CRS/2019/CSE/13

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph. D - JNTUA, Ananthapuramu.	2018	Computer Science & Engg
2	M.Tech – JNTU SIT, Hyderabad.	2008	Computer Science

2. Teaching and Learning:

Teaching Interests: Data Warehousing, Data Mining, Database Management Systems, Data Science, Data Analytics, Artificial Neural Networks, Machine Learning and Software Engineering.

Hands-on contribution in Artificial Intelligence and Machine Learning

3. Attended Workshops :

AICTE – ISTE Sponsored Induction / Refresher Program (Online) on “Advanced Training Program on Teaching” (Phase – II) held during 22/03/2021 to 27/03/2021 organized by Department of Computer Science and Engineering, MREC(Autonomous) , Hyderabad, Telangana.

A Two weeks online Faculty Development Programme on “Machine Learning for Computer Vision” jointly organized by the Electronics and ICT Academies at IIT Guwahati, IIT Kanpur, MNIT Jaipur, NIT Patna and PDPM IIITDM Jabalpur during February 1-12, 2021 under the under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the

Ministry of Electronics and Information Technology (MeitY), Government of India

One week FDP on "Block Chain Technology- The Trust of Cyber Security organized by the E & ICT Academy NIT Warangal at TKR Engineering College, Hyderabad from 03rd Feb 2020 to 08th Feb 2020

Three Day Workshop on “ Mobile application Development using J2ME & Android’ held during 15th – 17th March of 2012 at School of Information Technology, JNTUH, Hyderabad in collaboration with C-DAC, Hyderabad.

AICTE Staff development Programme on “Applications of Image thinning methodology” held during 22nd June to 04th July 2009 at Padmasri Dr. B. V. Raju Institute of Technology.

4. International Journals:

G. Madhu, A.Govardhan, Vinaya kumar Ravi, Sandeep Kautish, B. Sunil Srinivas, Tanupriya Chaudhary & Manoj Kumar, DSCN-net: a deep Siamese capsule neural network model for automatic diagnosis of malaria parasites detection. *Multimedia Tools Appl* (2022). Springer, <https://doi.org/10.1007/s11042-022-13008-6>

G. Madhu, A. Govardhan, B. Sunil Srinivas, Kshira Sagar Sahoo, N. Z. Jhanjhi, K. S. Vardhan and B. Rohit Imperative Dynamic Routing Between Capsules Network for Malaria Classification “CMC-Computers, Materials & Contunia “ Tech Science Press USA” DOI:10.32604/cmc.2021.016114, Volume 68, No. 1, [SCI Indexed, WoS & Scopus],[UGC Recognized, Journal No. 7814], pp no :903-991

Jangili Shraddha, B. Sunil Srinivas “A NOVEL APPROACH FOR DETECTING SOCIAL NETWORK METAL DISORDER USING SNMD BASED STM CLAIMED DNN”, The International journal of analytical and experimental modal analysis” Volume XII, Issue XI, November/2020, Page No: 285-292, ISSN : 0886 9367, impact factor 6.3

B. Sunil Srinivas, Tadepally Santoshini, “An Integrated Disease Recommendation Framework for Multi-Label Unstructured Data Sources”, “**Journal of Emerging Technologies and Innovative Research**” Volume7, Issue6, June2020, Page No: 14-18, ISSN: 2349-5162, impact factor.7.95

B.Sunil Srinivas and Vangala Konica Nehal “Design and Development of Fuzzy Means cluster-based Social spider Elliptic Curve Cryptography Routing (FSER) and Comparing the QOS Parameters with AODV Routing Protocol in MANET” “**Journal of Emerging Technologies and Innovative Research**” Volume 6, Issue 6, Year June-2019, Page No: 877-883, Impact Factor 7.95, ISSN: 2349-5162.

B. Sunil Srinivas and A. Govardhan,“ FEATURE SELECTION USING ANT LION OPTIMIZATION ALGORITHM IN TEXT CATEGORIZATION”, Science Publishing Corporation, International journal of Engineering and Technology (IJET) Vol 8, No 4 (2019) Pages:582-589, ISSN: **2227-524X**

B. Sunil Srinivas and A. Govardhan, “SEMANTIC WEIGHTING BASED TEXT CATEGORIZATION APPROACH USING ENHANCED GENETIC ALGORITHM”, (*Scopus Based*) Journal of Advanced Research in Dynamical and Control Systems (JARDCS), 12-Special Issue, 2017, pp. 1229-1243.ISSN 1943-023X.SJR 0.114

B. Sunil Srinivas and A. Govardhan, “TABLE BASED MATCHING APPROACH USING GENETIC ALGORITHM FOR FEATURE SELECTION IN TEXT CATEGORIZATION”, (*Scopus based*) Journal of Theoretical and Applied Information Technology (JATIT), 2016 Vol.91, No.2, pp. 313-321.ISSN:-1992-8645, E-ISSN: 1817-3195.SJR 0.159, Scopus

B.Sunil Srinivas, P.N.Santosh Kumar, Dr.A.Govardhan, Dr.C.Sunil Kumar, “A New Text Mining Approaches in Search Technology”, Medwell Journals-Asian Journal of information technology, vol 20, 2014 pp 93-98, ISSN:1993-5994. SJR 0.191, Scopus

B.Sunil Srinivas, Dr.A.Govardhan,Dr.C.Sunil Kumar, “Data Mining Issues in Health Care Domain”, International Journal of Engineering Research & Technology (IJERT), 2014 vol3, Issue1, ISSN: 2278-0181, Pages: 857-861

L.Sunitha, M.BalRaju and B.Sunil Srinivas “ A Comparative Study between Noisy Data and Outlier Data in Data Mining”,”Inpressco” International Journal of Current Engineering and Technology”, 2013 vol3, no2, ISSN: 2277-4106, Pages 575-577

5. Conference Papers

G Madhu, A Govardhan, BS Srinivas, SA Patel, B Rohit, BL Bharadwaj “Capsule Networks for Malaria Parasite Classification: An Application Oriented Model “2020 IEEE International Conference for Innovation in Technology (INOCON), Bengaluru, India, 2020, pp. 1-5, DOI:101109/INOCON50539.2020.9298425 [Scopus Indexed], ISBN: 978-1-7281-9744-9.

GV Reddy, BV Mallu, BS Srinivas, CHN Lakshmi “First-Hand Information from the Spot of Accident and Resolution of Claims” Springer”, “Advances in Intelligent Systems and Computing” 741-749 ISSN: 2194-5357, ISBN: 978-981-15-5399-8

6. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Automatic Diagnostic Model for Detection of Malaria Parasites from Microscopic Images	JNTUH-TEQIP-3	1-Year	Rs.2,98,000/-	Completed