Dr. D.Koteswara Rao

Asst. Professor

Education Qualifications: Ph.D, Univ. of Hyderabad
Specialization: Computer Science and Engineering

ADDRESS:
D – Block -Room No 401

JNTUH ID: ADDRESS:
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JNTUH ID:
13150402-131801
EMAIL:
dkoteswararao_cse@mgit.ac.in
DATE OF JOINING: ADDRESS:
D – Block -Room No 401
JNTUH ID:
13150402-131801
EMAIL:
dkoteswararao_cse@mgit.ac.in
DATE OF JOINING:
07-07-2003

EXPERIENCE - 19 Years
Teaching - 19
Research -1
SUMMARY:
Publications - 7
Conferences - 6
EVENTS:
Attended – 10+

Membership of Professional Bodies:

1. Life Member IAENG, 117924
2. Member IEEE, 92460198

Responsibilities Held at Institution Level:

1. Campus monitoring
2. Anti-ragging

Responsibilities Held at Department Level:

1. PRERANA Project Coordinator
2. Technical Seminars In-Charge
3. Student Scholarships Coordinator
4. Coordinator of FDP on Frontiers of Data Science conducted during 9-13 May 2022.

Courses Handled at Under Graduate /Post Graduate Level:

- UG: C Programming, Java Programming, Software Engineering, DBMS, Data Analytics, Web Services, Human Computer Interaction, Web Technologies, Network Security, Mobile Computing, Distributed Operating System.
- PG: Principles of Software Engineering, Blockchain Technologies.

Publications:

1. Devarapalli K.R., Negi A. (2019) Telugu Word Segmentation Using Fringe Maps. In: Sundaram S., Harit G. (eds) Document Analysis and Recognition. DAR 2018. Communications in Computer and Information Science, vol 1020. Springer, Singapore

2. Devarapalli K.R., Negi A. (2017) Multi-font Telugu Text Recognition Using Hidden Markov Models and Akshara Bi-grams. In: Mukherjee S. et al. (eds) Computer Vision, Graphics, and Image Processing. ICVGIP 2016. Lecture Notes in Computer Science, vol 10481. Springer, Cham

3. D. K. Rao and A. Negi, "Orthographic Properties Based Telugu Text Recognition Using Hidden Markov Models," *2017 14th IAPR International Conference on Document Analysis and Recognition (ICDAR)*, Kyoto, 2017, pp. 45-50, doi: 10.1109/ICDAR.2017.327

4. Koteswara Rao D., Negi A. (2016) An Implicit Segmentation Approach for Telugu Text Recognition Based on Hidden Markov Models. In: Thampi S., Bandyopadhyay S., Krishnan S., Li KC., Mosin S., Ma M. (eds) Advances in Signal Processing and Intelligent Recognition Systems. Advances in Intelligent Systems and Computing, vol 425. Springer, Cham

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Conferences:

- S. R. Nandam, A. Negi, and D. Koteswara Rao, "Telugu scene text detection using densetextbox," in Congress on Intelligent Systems, H. Sharma, M. Saraswat, A. Yadav,J. H. Kim, and J. C. Bansal, Eds. Singapore: Springer Singapore, 2021, pp. 493–505.

No. of Books/Chapter Published with details:

1. Devarapalli K.R., Negi A. (2020) Distributed Training of Deep Neural Network for Segmentation-free Telugu Word Recognition. In Learning and Analytics in Intelligent Systems. Springer, Singapore

Events Attended:

FDPs/STTPs:

1. FDP on "Deep Learning and AI Application" during 21st June to 1st July 2021 by Vasavi Engg College and NIT Warangal.
2. FDP on "Machine Learning and Its Applications" during 16th March to 20th March 2021 by Sharad Institute of Technology, Yadrav (Ichalkaranji).
3. FDP on " Best Practices on Python and RDBMS" during 29th Jan to 2nd Feb 2018 by Infosys and TASK at VBIT, Hyderabad.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. One week webinar on "Relevance of Mathematics to Core Engineering Sciences" from 12 -16th October 2020.

Online Certifications:

1. Coursera certifications on "Structuring ML Projects", "Sequence Models", and "Improving Deep Neural Networks" during 2020-2021.
2. NPTEL course on "User-centric computing for Human Computer Interaction" during Jan-Mar 2022.
3. NPTEL course on "Programming In Java" during Jan-Apr 2022.
4. NPTEL course on "Blockchain and its Applications" during Jan-Apr 2022.

Any Other Contribution:

1. APSET 2012 Qualified
2. UGC NET 2013 Qualified