Name of Faculty	**Dr. KOLIKIPOGU RAMAKRISHNA**	
Designation	Professor	
Nature of Job/Appointment	Regular	
Date of Joining	10 -11-2022	
E-mail	ramakrishna_it@cbit.ac.in	

Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy (CSE) – JNTUH	Awarded
PG	M. Tech. (SE) – JNTUK(GIET)	Distinction
UG	B. Tech (CSIT)-JNTU(VCE)	First

Work Experience	
Teaching	16 Years
Research	12 Years
Industry	01 Year
Others	

Area of Specialization	Natural Language Processing, Information Retrieval, Data Science, AI, ML & DL.

Professional Memberships	Member ACM : 2267635 Member IEEE : 92513733 Life Member ISTE : LM 59373 Member IAENG : 272115 Member IACSIT : Member Member CSTA : Member Member HYSEA :187744 Member CEE : EC Member Member IIC : Innovation Ambassador

Responsibilities held at Institution Level	Professor
Responsibilities held at Department Level	Professor
Research Guidance	10 PG Projects and 60 UG Projects guided

Awards Received	1. Best Innovation Project Award by TITA at T-Hub2 on 1st Oct 2022. 2. Best IEEE Research Paper award for "Information retrieval in Telugu language using Synset relationships" presented in ICACT-2013 Conference by IEEE Hyd Chapter on 23rd Sep'2013. 3. Best Academician Award – BSFI, Hyderabad on 03rd Jan 2021. 4. Best Teacher Award by Lion's Club, Hyderabad Chapter on 15th Sep'2020. 5. Best Teacher Award for the year 2007 at SSIT, Sathupally.

Courses Handled at Under Graduate / Post Graduate Level.	Information Retrieval Systems, Natural Language Processing, Automata Theory, Compiler Design, Operating Systems, Software Engineering, DBMS, OOAD, Distributed Systems, HCI, C, C++, Java Programming.
No. of Papers Published	National Journals –01 International Journals – 42 National Conference – 03 International Conference – 12
Projects Carried out	**07 (Consultancy Works)** 1. MIS S/w Development Rs.10,00,000/- (Completed) 2. Inspire Summer Camp Rs.2,12,500/-(Completed) 3. Summer Samurai Rs.5,62,500/- (Completed) 4. Gaming & Robotics training Rs.4,87,500/-(Completed) 5. Incubation Center Rs.1,17,400/-(Completed) 6. SQAA Training Rs.1,47,200/- (Completed) 7. Summer Samurai Rs.4,95,000/-(Completed)
Patents	**05 Patents:** 1. METHOD FOR CONTEXT AWARE AND LANGUAGE INDEPENDENT DATA LEAKAGE PREVENTION, ID – 202041000335, Indian (National) 01/03/2020, Published. 2. SYSTEM FOR ASSISTIVE AID IN PARALYSIS TREATMENT, Indian Patent, Application No: 201741039646, 17/11/2017 Published. 3. System for Machine Learning A Document Relevance Function and Method Employed Thereof, App.No: 202241039148, Pub.No: 28/2022 | Pub.Date: 15/07/2022 | Indian Patent Journal July 2022 4. Management System for Network-Based Information Technology Solution Development and Method Employed Thereof, App.No:202241037802, Pub.No: 27/2022 | Published: 08/07/2022 | Indian Patent Journal July 2022 5. System and Method for Accelerating and Optimizing the Processing of Machine Learning Techniques Using A Graphics Processing Unit, App.No: 202241037805, Pub.No: 29/2022 | Published: 08/07/2022 | Indian Patent Journal July 2022
Technology Transfer	--NA--
Invited Speaker	1. Keynote Speaker talk on "Nurturing young Entrepreneurs" in BOSS-2019 "Business Opportunities & Start-up to Scale up" organized by National Small Industries Corporation (NSIC), Hyd on 04th Sep, 2019. 2. Guest Lecture on ""Research Methodology and Writing Skills" for Faculty & Researchers on 21-02-2022, Organized Lavender Literary Club, Thamilnadu. 3. Guest Lecture on ""Natural Language Processing & Information Retrieval Systems" on 8th July 2016 at Mahatma Gandhi University, Nalgonda. 4. Guest Lecture on "Entrepreneurship as a Career" at Vivekananda Educational Society's Institute of Technology, Mumbai (Online), on 4th Jan 2022. 5. Talk on "Innovate to Inspire – Technical Seminar" – 15th Aug'2019.

No. of Books/Chapter Published with details	1. Published a book on "Computer Fundamentals and Programming Concepts: Computer Handling - Children Perspective" , ISBN : 978-3659849169, 2017. 2. Published a Book on "Deep Learning on Internet of Things (IoT)", ISBN: 3659849162, 2022.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or Organized).	**Attended:** 1. One Week FDP on "Machine Learning Applications in NLP and Computer Vision" - ATAL Academy, Panjabi University Patiala: 4-10-2021 to 8-10-2021. 2. One Week FDP on "Social Enterprise Management" - ATAL Academy, Banaras Hindu University: 23-10-2021 to 27-10-2021 3. One Week FDP on "Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing (NLP) Applications" 4. ATAL Academy, VNRVJIET, HYD - 22-11-2021 to 26-11-2021 5. One Week FDP on "Applied Artificial Intelligence" - ATAL Academy, C-DAC -29-11-2021 to 03-12-2021 6. Workshop on "Implementation of OBE and Online Teaching" - NITTTR, Chennai, MoE, Govt of India, 10-05-2021 to 15-05-2021. 7. Workshop on "Machine Learning Master Classes"- by : Pantech in association with APSSDC & Step NITK: 15-11-2021 to 15-12-2021 8. Workshop on "Innovation Ambassador Advanced Level Training" - AICTE, MIC & IIC (Online) 30-06-2021 to 30-07-2021 9. Workshop on "Machine Learning and Cyber Security "- SCETW, Hyd -18-10-2021 to 23-10-2021 10. One week International FDP on ML and Cyber Security Applications - SCETW in association with Lincoln University: 18-10-21 to 23-10-21 11. Seminar on "SWOC Analysis for Faculty - Quality Assurance – Enhancement" - ISDE Academy India Pvt Ltd & SCETW: 6-11-2021 12. Conference on "Artificial Intelligence Summit 2021"- AI & Robotics Club, Woxen University: 27-10-2021 to 29-10-2021 13. 1st International Conference on Applied Mathematics, Modeling and Simulation in Engineering, (AMSE 2021) - Stanley College of Engineering and Technology for Women - 15th to 16th September 2021. 14. Swecha State Conference: Swecha Organization, Free Software Movement of India (FSMI) at Tech Mahindra: 28-11-2021. 15. Two Day Workshop on "Develop, Deliver and Assess Online Courses with MOODLE Learning Management System" Organized by IIIT Karnool, June 8-9, 2020. 16. One Week FDP on AMAZON WEB SERVICES, AICTE, BrainOVision, SCETW, Aug'2022. 17. One Day Workshop on "Research Methodology", JNTUH ,11-6-11 18. 2 Day Personal & Organizational Development Programme, SSIT, 12/7/8 & 13/7/8 19. 1 Day Workshop on OBE, 26/10/13 20. 2 Day workshop "Android" 21 & 22 March 14 21. 4 Day STP , FEP by Infosys, 18-21 Dec'07 22. 3 Day OOAD FDP by IBM 16-18 Dec'09 23. 1 Day National Workshop on A-View 6/10/12

24. 2 Day workshop on "Research Aspects in Information Security", 6-7 Dec'12
25. 1 Day Seminar on "IEEE Xplore Digitl Library" JNTUH, 2 Aug 13
26. 1 day Web Mining Workshop, GRIET, Hyd, on 12/2/11
27. 3 day Train The Trainer Program, Infosys, 6-8, Aug'08
28. 1 Day Awareness on Latest NBA Accreditation Process & ISTE AP Section Awards Function, LBRC, Mylavaram,AP, 2 Feb'13
29. 3 Day Workshop on "Data & Web Mining", ACE, Hyd, 1-3 Dec 2010
30. 2 Day FDP on "Research Issues, Methodologies & Report Writing in the Field of CSE" CMRCET, Hyd, 23-24,Dec'10
31. Participated in ICICT-2014, JNTUH 12-14,Dec'14
32. 3rd ICRAMAV-2014 Participated, JNTUH, 5-7, nov'14
33. Participated in ICRSKT-2014, JNTUH, 9-11,Nov'14
34. Participated in InDaS-2014, VNVJIET,Hyd, 26-28,Feb'14
35. Participated in FIRE-2011 Workshop, IITB, Bombay, 2-4,Dec'2011

Organized :

1. National Workshop on "Intellectual Property Rights - Patents & Designs Process" in Association with RGNIIPM, IP India, Govt. of India, 17-02-2021.
2. FDP on Natural Language Processing, Dec'2019 NKN (1,00,000/- Funded FDP).
3. FDP on Artificial Intelligence & Machine Learning, Jan'2020, NKN , E&ICT(Rs.1,20,000).
4. FDP on TLP Tools & Moodles, Jan 2020, Funded by NKN , E&ICT (Rs.80,000/-)
5. One Day Seminar on "Research Articles Writing & Funding Projects" , June 2020.
6. One Day Seminar on "Intellectual Property Rights Filing", Sep'2019.
7. Workshop on "Research Articles Writing & Publication" – 1 Aug'2019 – Convener.
8. Organizing Chair of NCRTCST 2012, Hyd, National)
9. Session chair of ICACCI-2013(ACM, Chennai, International)
10. Session chair of NCRTCST-2013 , Hyd, National)
11. Organizing chair of WARSE 2014, Hyd, International)
12. Session Chair, International Conference ICICSIT-2015 (Elsevier, MGIT,Hyd,International)
13. Organizing Member of ICCII-2016 (Springer, JNTUH, Hyd, International)
14. Session Chair , National Conference, NCRTCST-2015
15. Session Chair , National Conference NCCSIGMA-2016, Hyderabad
16. Conducted SAQQ Training for Principals & Vice Principals of Telangana Social & Tribal Welfare Residential Schools – 23, 24 Oct'17 , 6th & 7th Nov'17

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

1) Ramakrishna Kolikipogu, et al, Vector Space Model for Telugu Information Retrieval system, Pp:1-22 IJETMAS 2349-4476
2) Ramakrishna Kolikipogu, et al,, Decision List Algorithm for Word Sense Disambiguation for TELUGU Natural Language Processing. , Pp: 176-180. IJECCE 2249-071X
3) Ramakrishna Kolikipogu, et al, Study of Indexing Techniques to improve the Performance of Information Retrieval in Telugu Language, Pp:482-491 IJETAE 2250-2459
4) Ramakrishna Kolikipogu, et al, Dynamic vs Static Term-Expansion using Semantic Resources in Information Retrieval, Pp: 25-31, GJCST 0975-4172
5) Ramakrishna Kolikipogu, et al, Pseudo Relevance Feedback by linking WordNet for Expanding Queries

in Information Retrieval Process Pp:462-467 IJMO   2010-3697

6) Ramakrishna Kolikipogu, et al, "Telugu Items Search by key Phrase Analysis", Pp:34-37   IJSAA   2277-2677

7) Ramakrishna Kolikipogu, et al, A Novel Model for Timed Event Extraction and Temporal Reasoning in Legal text Documents, Pp.39-42   IJCSES 0976-2760

8) Ramakrishna Kolikipogu, et al, Dynamic Monitoring of Moving Objects: A Novel Model to Improve Efficiency, Privacy and Accuracy of the Framework, Pp: 946-950   IJCSIT 0975-9646.

9) Ramakrishna Kolikipogu, et al, A Novel Search Engine to Trace Medical Information Needs Using Medical Domain Ontology, Pp: 2996-3003   IJCSE   0975-3397.

10) Ramakrishna Kolikipogu, et al, Personalized Website Ranking System Using Link References,   IJAC   0975-7686.

11) Ramakrishna Kolikipogu, et al, An approach for retrieve desired answers related to temporal questions,   IJAC   0975-7686.

12) Ramakrishna Kolikipogu, et al, Information Retrieval in Indian Languages :A survey on   Query Expansion Techniques by taking Telugu as a Case Study   IJCA   0975-7686

13) Ramakrishna Kolikipogu, et al, Privacy-Preserving Optimal Meeting Location Determination on Mobile Devices, Pp: 0894-0897   IJATIR 2348-2370.

14) Ramakrishna Kolikipogu, et al, A Novel and Probabilistic Approach for Searching using Instant Fuzzy and Proximity, Pp:4131-4134, IJSEIR   2319-8885.

15) Ramakrishna Kolikipogu, et al,   Secure Data Accessing over Outsourced Public Cloud Data using KDC, Pp: 0880-0884.   IJATIR 2348-2370.

16) Ramakrishna Kolikipogu, et al, Privacy Preserving on Secure Data by using TCP-ABE Algorithm, Pp: 4117-4120. IJSETR 2319-8885.

17) Ramakrishna Kolikipogu, et al,   Automatic Photo Tagging based on Geo-Tags in Social Sites, Pp: 448-452   IJSRD 2321-0613

18) Ramakrishna Kolikipogu, et al, A Single Key Cryptosystem for Sharing Data of Public Cloud, Pp: 1616-1619   IJIT   2321-8665

19) Ramakrishna Kolikipogu, et al, A Novel Policy based Technology for Secure Cloud Computing, Pp:813-819 IJR   2348-6848

20) Ramakrishna Kolikipogu, et al,   Social Networking: A Semantic-based Friend Recommendation System, Pp:820-827 IJR   2348-6848

21) Ramakrishna Kolikipogu, et al, Preserving Privacy on A Fine-grained Deduple System for Cloud Computing, Pp: 1620-1623 IJIT   2321-8665

22) Ramakrishna Kolikipogu, et al,   Preserving an Efficient Data Integrity in Cloud Computing By Using Merkle Hash Tree Algorithm   IJMETMR   2348-4845

23) Ramakrishna Kolikipogu, et al, Recent Advancements in String Matching Algorithms : A Study with Results Analysis   IJAIKD 2231-2021

24) Ramakrishna Kolikipogu, et al,Building Bilingual Corpus based on Hybrid Approach for Malayalam-English Machine Translation IJCSI   2231–5292

25) Ramakrishna Kolikipogu, et al, A Novel ID-DPDP Using Revocation On Cloud Outsourced Data Storage   IJCS   2348-6000.

26) Ramakrishna Kolikipogu, et al, Novel Decentralized systems for data publishing by trusty URI links   IJCS   2348-6000.

27) Ramakrishna Kolikipogu, et al, Privacy Preserving in Location Based Services by using DGS   IJCS   2348-6000.

28) Ramakrishna Kolikipogu, et al, Multiple Approach to Detect Duplicates in CD Dataset IJAERS 2456-1908.

29) Ramakrishna Kolikipogu, et al,   SPCHS Construction for Expeditious Keyword Search in Cipher Text   IJMTST 2455-3778

30) Ramakrishna Kolikipogu, et al,   A Framework of Online Social IoT System and Trust Management Scheme   IJCS   2348-6000

31) Ramakrishna Kolikipogu, et al, Data Possession Techniques in Cloud Storage for Deduplicating Data   IJR   2348-6848

32) Ramakrishna Kolikipogu, et al, A Smart Web Crawler: An Efficient Harvesting Deep-Web Interfaces Using Site Ranker And Adoptive Learning   IJSETR 2319 -8885.

33) Ramakrishna Kolikipogu, et al,   An Approach for Identification of Evidences for App Fraud Detection   IJATIR 2348-2370.

34) Ramakrishna Kolikipogu, et al, Decentralizes the central authorities in Cloud for Data Access Control IJR 2348-6848

35) Ramakrishna Kolikipogu, et al, Preserving a Fine-grained Access Control and Data Integrity on Cloud Storage IJR 2348-6848

36) Ramakrishna Kolikipogu, et al, Using Homomorphism Linear Signature Auditing Detection of Routing Packet Drop Attack IJMTST 2455-3778

37) Ramakrishna Kolikipogu, et al, Exchange Protocols on Network File Systems Using Parallel Sessions Authenticated & Improved Keys IJMTST 2455-3778

38) Ramakrishna Kolikipogu, et al, Experiments in Telugu Language using Language

39) Dependent and Independent Models IJCST 0976-8491

40) Ramakrishna Kolikipogu, et al, Telugu Text Categorization using Language Models GJCST 0975-4172

41) Ramakrishna Kolikipogu, et al, Geographical Location based Clean and Green Issue tracking using Mobile Application IJAC 0975-7686.

42) Ramakrishna Kolikipogu, et al, Supervised Machine Learning Approach for Identification of Malicious URLs 2-Authors ICACII 2019, ISBN978-981-15-3337-2, ISBN978-981-15-3338-9

43) Ramakrishna Kolikipogu, et al, Information Retrieval in Indian Languages : Query Expansion Models for Telugu Language as a Case Study, 129, ISBN: 978-1-4244-6420-4 , The 4th International Conference on Intelligent Information Technology Application, IEEEIITA 2010, Qinhuangdao, China, (IEEE).

44) Ramakrishna Kolikipogu, et al, WordNet Based Term Selection for Pseudo Relevance Feedback Query Expansion Model, Pp: 127-131 ICCMS2011,Mumbai, India (IEEE), ISBN:978-1-4244-9241-1/11.

45) Ramakrishna Kolikipogu, et al, Item Ontology to Improve Information Retrieval Performance, Pp: 335-339. ICNEAQ-11, ISBN: 978-93-81075-46-3.

46) Ramakrishna Kolikipogu, et al, User Personalization by Click-Through Data-Structure for Affective Recommended Web Search, Pp: 582-586 International Conference on Nano science, Engineering & Advanced Computing-June-2011, ISBN: 978-93-81075-46-3

47) Ramakrishna Kolikipogu, et al, Improved Web Search Engine by New Similarity Measure, Pp. 284–292 ACC 2011, ,Part-4 CCIS 193, ISSN: 1865-0937.

48) Ramakrishna Kolikipogu, et al, Raid Technology for Secured GRID computing environment, Pp:1-5 NCC-2012, IIT Karagpur, IEEE-2012 - ISBN: 978-1-4673-0815-1.

49) Ramakrishna Kolikipogu, et al, Reformulation of Telugu Web Query using Word Semantic Relationships – Pages 774-780 ICACCI'12-ACM , ISBN: 978-1-4503-1196-0

50) Ramakrishna Kolikipogu, et al, Information Retrieval in Telugu Language using Synset Relationships, ISBN: 978-1-4673-2816-6 IEEE- International Conference on Advanced Computing Technologies (ICACT-2013), Sep 2013.

51) Ramakrishna Kolikipogu, et al, Tuning of Expansion terms using PRF and WordNet for AQE, pp. 640–651 MIKE Conference, 2013, LNAI 8284, SBN: 978-3-319-03844-5

52) Ramakrishna Kolikipogu, et al, Soft Biometrics Feature Extraction Model, , MI-326,Pp:157-160. MIPSCCON-2011,March 2011

53) Ramakrishna Kolikipogu, et al, "Telugu – Items search by key-phrase analysis" International Telugu Internet Conference-2012, Silicon Andhra, at GITAMS, Vizag.

54) Ramakrishna Kolikipogu, et al, Effective Telugu Search Engine by Query Expansion Using Semantic Network -ITIC-2011.

55) Ramakrishna Kolikipogu, et al, Soft Biometrics Feature Extraction Model, Pp:157-160 MIPSCCON-2011, MI-326, GMR Rajam.

56) Ramakrishna Kolikipogu, et al, A Term Based Concept Hierachy for Text Mining, ICSCI-2012, Hyderabad.

57) Ramakrishna Kolikipogu, et al, Improved Model for Information Retrieval using Item Ontology ICECIT-2012, Dec 21-23, Anantapur,AP.

Dr Ramakrishna Kolikipogu,
B.Tech(CSIT),M.Tech(SE),Ph.D(CSE)

Coming together is Beginning, Staying together is Progress and Working together is Success – Ford Henry