Dr. A. Brahmananda Reddy / Associate Professor / VNRVJIET

Name : **Dr. A BRAHMANANDA REDDY**
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Department: Computer Science & Engineering
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AICTE ID : 77150405-153609
DOB : 16.03.1980
Google Scholar Link:
https://scholar.google.com/citations?user=SVsMoC0AAAAJ&hl=en

Recognized as Research Supervisor from JNTU Hyderabad

Working as Associate Professor in the Department of Computer Science & Engineering at VNR Vignana Jyothi Institute of Engineering and Technology (VNR VJIET), Hyderabad. Awarded a Ph.D from Jawaharlal Nehru Technological University Anantapuramu (JNTUA) Anantapuramu, in the area of Knowledge Engineering, Text Mining and Semantic Web. M.Tech. - Computer Science in 2007 from JNTUCEA, Anantapuramu and B.Tech in 2004 in Computer Science and Information Technology. Dr. Reddy has over 16 years of experience in the field of academic research and technological education, Published more than 25 research papers in various reputed International Journals and Conferences are listed in Scopus, Web of Science, IEEE Explore, Inderscience and Springer Proceedings etc.,

Also edited THREE books published by Springer Book Proceedings https://link.springer.com/book/10.1007/978-981-33-4046-6, https://link.springer.com/book/10.1007/978-981-16-7389-4, https://link.springer.com/book/10.1007/978-981-19-9228-5

Dr. Reddy's research interests include Knowledge Representation and Knowledge Engineering, Data Mining, Text Mining, Natural Language Processing, Semantic Web and Social Networks, Machine Learning, Deep Learning, and Image processing. He is a member of IEEE, and a lifetime member of ISTE and CSI. Conducted many seminars/workshops/FDPs for the benefit of students and faculty in and out by the eminent personalities from various reputed institutions and delivered guest lectures on various topics in various academic institutions. Dr. Reddy guided many UG and PG projects in various mezzanine technologies and in charge for students Industrial Visits, establishing MoUs between Institute and Industries to reducing the gap between academia and Industry.

Jury member for the Smart India Hackathon Grand Finale (SIH 2018, SIH 2019 and SIH 2020) Software Edition and evaluator for Toycathon-2021 organized by AICTE and MHRD in association with state governments and reputed industries and performed as Session chairs for various International Conferences, also a Reviewer for various reputed international conferences and Journals.

Research Publications: International Journals / International Conferences / Book Chapters / Book Proceedings as Editor / Patents = 34

[Books Published = 3, Int. Journals = 19, Book Chapters = 3, Int. Conf. = 7, Patents published = 2 ➔ 34 and Project Proposals = 1, Patent under progress =1]

2023: [BP (Edited)-01, BC-0, IJ-0, IC-3, Patents-1, Project. Proposals-1] = 06

[1]. Dr. A. Brahmananda Reddy et.al, Communicating a Patent to the Indian Patent office with a Title "***A Knowledge Based Method to Recommend suitable Crops for Soils with Identifying Micronutrient Deficiencies***". Applicant: VNR Vignana Jyothi Institute of Engineering Technology. [Communication under progress] **Domain:** Agriculture Sector

[2]. As a Project Coordinator, Submitted a Project Proposal on 21-01-2023 to ***Department of Biotechnology Ministry of Science and Technology Government of India New Delhi, India***. Titled "*Building a Knowledge Base to find Micronutrient Deficiencies from Soils to Recommend Organic Manure and Crop Rotations: Enhancing the Socio-Economic State of the Farmer Community and to improve Human Immune System*" with a total estimated budget of Rs 4020360/- (Forty lakh twenty thousand three hundred and sixty). **Status:** Evaluation under progress. **Domain:** Agriculture Sector

[3]. Subhash, P., K. Samrat Surya, and A. Brahmananda Reddy. "Analysis of Smart Grid Data for Appliance Prediction and Efficient Power Consumption." In 2022 *International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems (ICMACC), pp. 1-5. IEEE, 2022.*

DOI: 10.1109/ICMACC54824.2022.1009367, IEEE Xplore, 17 April 2023. (https://ieeexplore.ieee.org/abstract/document/10093676)

[4]. ***A Brahmananda Reddy***, S. Nagini, Valentina E. Balas, K. Srujan Raju*:* "Proceedings of *Third International Conference on Advances in Computer Engineering and Communication Systems (**ICACECS 2022)***", in Springer Series of **"Lecture Notes in Networks and Systems (LNNS)**", Springer Nature International. ISBN 978-981-19-9227-8 and eBook ISBN: 978-981-19-9228-5, ISSN: 2367-3370, E-ISSN: 2367-3389, Year 2023 (04.03.2023). (https://link.springer.com/book/9789811992292). [Scopus Indexed, H-Index 22, Q4 Ranked, SJR 2021: 0.15]

[https://www.scimagojr.com/journalsearch.php?q=21100901469&tip=sid&clean=0]

[5]. Karnam Akhil**, *A. Brahmananda Reddy*,** Archana K Bhange, "Semantic Knowledge Base Ontology Framework for Discovery Stage of the Design Thinking using Web Ontology Knowledge", 4th International Conference on Advances in Computing, Communication Control and Networking **(ICAC3N), IEEE proceedings and Scopus Indexed. 2022**

[6]. Karnam Akhil**, *A. Brahmananda Reddy*,** Ragi Reddy Rahul Reddy, Abhinav Borad, "Semantic Approach for the Classification of Knowledge Representation and Reasoning Analysis", 4th International Cconference on Advances in Computing, Communication Control and Networking **(ICAC3N), IEEE proceedings and Scopus Indexed**. 2022

2022: [BP (Edited)-01, BC-2, IJ-6, IC-0] = 08

[1]. Sagar Yeruva, Junhua Ding, Ankitraj Gaddam, **A Brahmananda Reddy** ; "*CoviCare: An Integrated System for COVID-19"*, Emerging Computational Approaches in Telehealth and Telemedicine: A Look at The Post-COVID-19 Landscape Advances in Data Science-Driven Technologies (Volume 1) (2022) 1: 88. https://doi.org/10.2174/9789815079272122010007 Publisher: Bentham Science Publisher [Book Chapter]

[2]. *A. Brahmananda Reddy*, B.V. Kiranmayee, Raghava Rao Mukkamala, K. Srujan Raju, "*Proceedings of Second International Conference on Advances in Computer Engineering and Communication Systems ICACECS 2021*",** Springer Series of Algorithms for Intelligent Systems, Springer Nature Singapore, ISBN 978-981-16-7388-7 and eBook ISBN 978-981-16-7389-4, ISSN 2524-7565, Year 2022 (22.2.2022). (https://link.springer.com/book/9789811673894).

[3]. Karnam Akhil**, *Dr. A. Brahmananda Reddy*,** Abhinav Borad, Pullagura M. Chandra Mouli, Chalasani Akhil Chowdary "Building Semantic Knowledge base for the Visual Perception- Cognitive ability of Neuropsychology using Web Ontology Language", **International Journal of Intelligent Systems and Applications in Engineering (IJISAE)**.*,* An Open Access Journal, Peer-reviewed, Refereed Journal. VOL. 10 NO. 4 (16.12.2022), ISSN No. **2147-6799**, Indexed by **Scopus**. [Scopus Indexed, H-Index 2, **Q4 Journal, SJR 2021: 0.16]**

(https://www.scimagojr.com/journalsearch.php?q=21101021990&tip=sid&clean=0)

[4]. Karnam Akhil**, *Dr. A. Brahmananda Reddy,*** Chalasani Akhil Chowdary, Pullagura M Chandra Mouli, Ambati Abhiram, "Semantic Knowledge base Fraework for Social Psychology using Web Ontology Language", Gongcheng Kexue Yu Jishu/**Advanced Engineering Science (AES)**, Journal ID : AES-28-09-2022-325, Volume - 54, Issue – 02, September 2022, ISSN: 2096-3246, Indexed by [**Scopus, H-Index 10, Q3 Journal, SJR 2021: 0.2)**

(https://www.scimagojr.com/journalsearch.php?q=21100805730&tip=sid&clean=0)

[5]. Karnam Akhil, **A. Brahmananda Reddy**, "*Ontology web language framework for cognitive design thinking*", RES MILITARIES, Social Science Journal, Published/publié in Res Militaris (resmilitaris.net), vol.12, n°4, December Issue 2022, ISSN: 2265-6294 (https://resmilitaris.net/issue-view/?id=5), [**SCOPUS, H-Index 2, Q4 Journal, SJR 2021: 0.11)**

(https://www.scimagojr.com/journalsearch.php?q=21100908447&tip=sid&clean=0)

(International Conference on Exploring Colossal Technological Advances of the 21st Century in Science, Engineering, and Technology (ICECTACSET-2022). Organized by Institute for Engineering Research and Publication (IFERP) and in association with University of Perpetual Help System DALTA Molino Campus, during 13-14 August 2022 at Abu Dhabi, UAE. **ISBN:** 978-93-92105-09-8, Publisher: IFERP Explore.)

[6]. Karnam Akhil**, *Dr. A. Brahmananda Reddy***, Abhinav Borad, "A Framework for Knowledge Mining in Multi-Disciplinary Fields", *Journal of Emerging Technologies and Innovative Research (JETIR),* An International Scholarly Open Access, Peer-reviewed, Refereed Journal. ISSN No. 2349-5162, **UGC Approved Journal** (Journal No: 63975). Volume No. 9 Issue 9, September 2022. DoP: 23-09-2022. PP No. d496-d499. IF: 7.95 (https://www.jetir.org/view?paper=JETIR2209359)

[7]. Nuthalapati Sudha, **Dr A Brahmananda Reddy**, "E-Voting System Using U-Net Architecture with Blockchain Technology", Smart Innovation, Systems and Technologies. Vol. 315, ISSN: 2190-3018. Springer International, Scopus Indexed, IF: 0.172, 2022. **[Scopus Indexed, H-Index 27, Q3 Ranked, SJR 2021: 0.22]**

(https://www.scimagojr.com/journalsearch.php?q=21100204111&tip=sid&clean=0)

[8]. Sampath Alankritha, G.S Ramesh, **A. Brahmananda Reddy**, "A Study on Extractive Text Summarization via Speech Assistor using Phrase-Based Statistical Machine Translation", Mukt Shabd Journal, Volume 6, Issue 7, July-2022, ISSN NO: **2347-3150,** DOI:10.0014.MSJ.V11I07.0086781.1135820, **UGC Approved Journal**, IF: 4.6, PP: 1239-1247.

[9]. **A. Brahmananda Reddy**, P. Vaishnavi, M. Jahnavi, G. Sameeksha & K. Sandhya, "Enhancing English Proficiency using NLP." pp. 429-438. Springer Singapore, 2022. **Indexing in Web of Science, Algorithms for Intelligent Systems** Book Series (AIS), DOI: https://doi.org/10.1007/978-981-16-7389-4_42. ISSN: **2524-7573**, ISBN: 978-981-16-7389-4. [BOOK Chapter – Web of Science] (22.2.2022)

2021: [BP (Edited)-01, IJ-3, BC-1, Paytent-1] = 06

[10]. C Kiran Mai, *A. Brahmananda Reddy*, K. Srujan Raju, **"Machine Learning Technologies and Applications,** Proceedings of ICACECS 2020", Springer Series of Algorithms for Intelligent Systems, Springer Nature Singapore, ISBN 978-981-33-4045-9 and for eBook 978-981-33-4046-6, ISSN 2524-7565 and electronic 2524-7573, Year 2021 (16.03.2021). (https://www.amazon.fr/Machine-Learning-Technologies-Applications-Proceedings/dp/9813340452)

[11]. Nuthalapati Sudha, Dr A Brahmananda Reddy, "Authenticated E-Voting system using Deep Learning and Blockchain technology", Journal of Biological Engineering Research and Review. ISSN: 2349-3232. Volume-8, Issue-2, Pg.No. 142-148. **Indexed in PubLons, UGC Care**.

[12]. Subhash, P., N.Venkata Sailaja, and **A. Brahmananda Reddy**. ""Event organization system for turnout estimation with user group analysis model" Published in "**Advances in Intelligent Systems and Computing (AISC)"**, Springer International Publishing Singapore, 2021. V.No. 1171, pp. 697-710. DOI: https://doi.org/10.1007/978-981-15-5400-1_66, ISSN: **2194-5357. Indexed in Scopus.** (DoP: 11.08.2021) **[SCOPUS, Q4 Journal, H-Index 48, SJR 2021: 0.22]**

[13]. Poluru, Sudheendra, **A. Brahmananda Reddy**, Rahul Manne, Lokesh Bathula, and Nikhilender B. Reddy. "Word Sense Disambiguation for Telugu Using Lesk.". **Algorithms for Intelligent Systems**, **Springer Singapore.** DOI: https://doi.org/10.1007/978-981-33-4046-6_12. ISSN: **2524-7573**, ISBN: 978-981-33-4045-9. Volume. 1, March-2021, pp. 121-129. **Indexing in Web of Science.** (DoP: 16.03.2021)

[14]. Janapati, Ravichander, Ravi Kumar Jatoth, **A. Brahmananda Reddy**, and Ch Balaswamy. "*Particle Swarm Intelligence-Based Localization Algorithms in Wireless Sensor Networks.*" "Smart Sensor Networks Using AI for Industry 4.0: Applications and New Opportunities (2021)": 157-176. **Taylor and Francis publishers**, ISBN: 978-0-367-70212, Published October 4, 2021 by CRC Press. [**BOOK Chapter - Taylor and Francis**] (DoP: 10.10.2021)

[15]. **Patent Title:** Design & Development of an Intelligent System to Analyze the Impact of COVID-19 on Respiratory System using Machine Learning, published on 23rd April 2021.

Status: Published and Application No.: **202141017531 A**

2020: [Paytent-1] = 01

[16]. Certificate of Grant: Innovation Patent Titled: "Automated Real Time Driving Behavioral Modeling Analysis and Reporting in DENSER Traffic Using Data Mining", granted on 2nd September 2020 from Commonwealth of Australia, Patent Office, Australia.

Status: Granted and Patent No.: **2020101738**

2019: [IJ-1] = 01

[17]. **A. Brahmananda Reddy,** D.N.Vasundhara, P. Subhash, "*Sentiment Research on Twitter Data*" International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-2, September 2019, 1068-1070. **Scopus Indexed** and Published By: Blue Eyes Intelligence Engineering & Sciences Publication, Retrieval Number: B11810982S1119/2019©BEIESP DOI: 10.35940/ijrte. B1181.0982S1119, ISSN: **2277-3878, Citations:** 10 (DoP: 16.09.2019) [**SCOPUS** Indexed, H-Index 23, Q4 Journal]

(https://www.scimagojr.com/journalsearch.php?q=21100889873&tip=sid&clean=0)

2018: [IJ-2, BC-1] = 03

[18].   Bhargavi, C., and **A. Brahmananda Reddy**. "*Transforming unstructured data into conceptual representation using WORDNET.*" International Journal of Scientific Research in Computer Science, Engineering and Information Technology 3.1 (Feb-2018): 389-395. ISSN: 2456-3307, **UGC Approved, Journal N. 64718**   IF: 7.254

[19].   A. Brahmananda Reddy, Y. Sagar, and P. Subhash. "*A new approach to represent textual documents using CVSM.*" International Journal of Engineering and Technology 7.4 (2018): 4678-4682. DOI:10.14419/ijet.v7i4.15372. Indexed in **SCOPUS**, Science Publishing Corporation, 7 (4) (Jan 2018) ISSN: **2227-524X**

[SCOPUS Index, H-Index 30, Q4 Ranked in 2018]

(https://www.scimagojr.com/journalsearch.php?q=21100805731&tip=sid&clean=0)

[20].   **Dr. A. Brahmananda Reddy**, "*An Approach of Reducing High Dimensionality using Integrated Feature Selection Methods for Text Document Clustering*", Advanced Engineering Research and Applications (**AREA**), Vol.-V, Research India Publications, 2018, 409-423, ISBN: 978-81-932850-5-3 [**BOOK Chapter - Research India Publications**]

2017: [IJ-1] = 01

[21].   Ranjith, G., and **A. Brammananda Reddy**. "*Designing Implementation End Server Development Using a Novice Programming Methodologies.*" International Journal of Advanced Research in Computer Science 8.3 (2017), 343-345. ISSN No. 0976-5697. **UGC Approved** Journal   [Not found proof]

2016: [IJ-4] = 04

[22].   Haripriya, S., **A. Brahmananda Reddy**, and A. PrashanthRao. "*A Review on Semantic Approach using Nearest Neighbor Search.*" International Organization of Scientific Research Journal of Computer Engineering 18.3 (June-2016): 46-53. DOI: 10.9790/0661-1803054653, PP 46-53, Print ISSN: 2278-8727, Online ISSN: 2278-0661

[23]. **A. Brahmananda Reddy,** and A. Govardhan. "*A novel approach for similarity and indexing-based ontology for semantic web educational system.*" International Journal of Intelligent Engineering Informatics (IJIEI) 4.2 (2016): 117-134. Indexed in ESCI, **Web of Science**: Accession Number: WOS: 000385884800001, **ACM Digital Library** and DBLP Computer Science Bibliography. ISSN: **1758-8715, Citations: 07** (DoP: 05.23.2016) **[ESCI]**

[24]. **A. Brahmananda Reddy**, "A Framework to Detect Flaws on Roads". International Journal of Management, Technology And Engineering (IJMTE), Volume VI, Issue I, July-December 2016, ISSN NO: 2249-7455, UGC Care listed IJMTE/3822, Impact Factor: 6.3, DOI: 16.10089/IJMTE, PP: 323-329

[25]. **A. Brahmananda Reddy,** "Hospital Identification using Nearest Neighbor Search on Semantic Approach". International Journal of Management, Technology And Engineering (IJMTE), Volume VI, Issue II, JAN-JUNE 2016, ISSN NO: 2249-7455, UGC Care listed IJMTE/3822, Impact Factor: 6.3, DOI: 16.10089/IJMTE, PP: 299-313

2015: [IJ-2, IC-2] = 04

[26]. **A. Brahmananda Reddy**, and A. Govardhan. "*Resource allocation for the Choice based Education System using Semantic Web.*" 2015 IEEE **International Conference** on Computational Intelligence and Computing Research (ICCIC). IEEE, 2015. PP. **SCOPUS Indexed** IEEE Xplore, DOI 978-1-4799-7847-2/15/. ISBN 978-1-4799-7849-6, PRINT ISBN 978-1-4799-7848-9.   (10.12.2015) WoS

[27]. **A. Brahmananda Reddy** and A. Govardhan. "*Ontology for an education system and ontology based clustering.*" Published in "**Advances in Intelligent Systems and Computing (AISC)"**, Springer International Publishing Switzerland 2015, **Scopus Indexed** and DOI 10.1007/978-3-319-27212-2_13, ISSN: **2194-5357, Citations: 3** (DoP: 25.11.2015) [SCOPUS Indexed, H-Index 48, Q4 Ranked, SJR 2021: 0.22]

(https://www.scimagojr.com/journalsearch.php?q=5100152904&tip=sid&clean=0)

[28].   **Brahmananda Reddy** and A. Govardhan. "*Integrated feature selection methods for text document clustering.*" International Journal of Applied Engineering Research (IJAER), 10 (81) (2015), 153 – 158, Indexed in **Scopus**, Print ISSN: 0973-4562, ISSN: **0973-9769**. [SCOPUS Indexed, H-Index 44, Q3 Ranked]

(https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0)

[29].   **Brahmananda Reddy** and A. Govardhan, "*Integrated Feature Selection Methods for Text Document Clustering*", Participated and Presented a paper in the **International Conference** on Innovations in Computer Science and Information Technology (ICICSIT-2015), during 28th & 29th August 2015 at MGIT.

2012: [IC-1] = 01

[30].   **A. Brahmananda Reddy**, and A. Govardhan. "*Term Based Concept Hierarchy for Text Mining*", International Conference on Systemics, Informatics and Cybernetics (ICSCI -2012), Vol 1 of 2, with Paper identification Number: CC – 4.6, 229-233. Published by: Pentagram Research Centre, Hyderabad, India.

2010: [IJ-1] = 01

[31].   Reddy, Dayakar, A. Govardhan, Talari Swapna, **A. Brahmananda Reddy**, "Continuous K-means computation over moving objects by designing different threshold dissemination *protocols.*" International Journal of Computer Applications 1, no. 23 (2010): 53-56. **Scopus Indexed**, ISSN: 0975-8887 [no proof] (DoP: Feb-2010)

2009: [IC-2] = 01

[32].   **A. Brahmananda Reddy** "*Statistical Learning Methods for Text Categorization*", 5th International conference on "Downtrend Challenges in IT (DCIT 09), Panjab College of Technical Education, Ludhiana, Punjab.

[33].   Mohd Touseef Ahmed, V.A.Narayana, **A. Brahmananda Reddy**, "*System and Method for detecting Duplicate and Similar Documents*", International conference on "Emerging & Futuristic System and Technology (ICE-FST'09), Laxmi Devi Institute of Engineering & Technology, Alwar, Jaipur, Rajasthan.

Papers published in National Conferences: = 05

2009: [NC-2]

1. "*Parallel Bisecting K-means with Prediction Clustering Algorithm*", National Seminar on "Information Security: Emerging Threats and Innovations in 21st Century, Institute of Technology and Science, Mohan Nagar, Ghaziabad.

2. "*Document Clustering with CHIR by using Statistical Data*", National Conference on Recent Trends in Information Technology (NCRTIT 2009), Padmashri Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar.

2008: [NC-1]

   a. "*A Frequent Pattern Tree Mining on Change history to Predict Software Changes*", National Conference on Informatics (NCI-2008), Narayana Engineering College, Nellore, A.P.

2007: [IC-1]

3. "*Morphological Skeleton Transform for the Extraction of Structural Shape Components*", **National Conference on** "Emerging Trends in Information Technology", Master of Computer Application Department & AICTE Sponsored EMD Cell, Lakshmi Narain College of Technology, Bhopal. 2007

2006: [Tech Symp-1]

4. "*Morphological Skeleton Transform for the Extraction of Structural Shape Components*", Presented a technical paper in **8th National level Technical Symposium for Technical Paper Presentation RIPPLE-2K6** (Student level), held on 29th October 2006.

International Conferences Organized As of 2022: 03

Year - 2022:

1. ***Dr. A. Brahmananda Reddy as Conference Chair:*** Successfully Organized "*Third International Conference on Advances in Computer Engineering and Communication Systems* ***ICACECS 2022***" held 11th – 12th August 2022, in association with Springer Nature International and Technical sponsored by Computer Science of India (CSI). The proceeding of this conference is published in "**Algorithms for Intelligent Systems (AIS)**", **Springer Nature Singapore [Indexed in Web of Science].**

Year - 2021:

2. ***Dr. A. Brahmananda Reddy as Conference Chair:*** Successfully Organized "*Second International Conference on Advances in Computer Engineering and Communication Systems* ***ICACECS 2021***" held 13th – 14th August 2021, in association with Springer Nature International and Technical sponsored by Computer Science of India (CSI). The proceeding of this conference is published in "**Algorithms for Intelligent Systems (AIS)**", **Springer Nature Singapore [Indexed in Web of Science].**

Year - 2020:

3. ***Dr. A. Brahmananda Reddy as Conference Co-Chair:*** Successfully Organized "*First International Conference on Advances in Computer Engineering and Communication Systems* ***ICACECS 2020***" held 13th – 14th August 2020, in association with Springer Nature International and Technical sponsored by Computer Science of India (CSI). The proceeding of this conference is published in two series of Springer Nature International "**Learning and Analytics in Intelligent Systems (LAIS)**" and "**Algorithms for Intelligent Systems (AIS)**", Springer Nature Singapore **[Indexed in Web of Science]**.

National Level Workshops/Hackathons/FDPs Organized: 03

Year - 2020:

1. ***Dr. A. Brahmananda Reddy as*** part of International Conference: Successfully implemented Pre-Conference Workshops during **13th – 14th August 2020**.

Year - 2021:

2. ***Dr. A. Brahmananda Reddy as*** coordinator: Successfully conducted a **National Level VJ Hackathon-2021** during 29th – 30th October 2021, in association with Government organizations like ICAR-NARM, ISRO and Industries Cyber Security.

Year - 2013:

3. **As a coordinator:** Implemented Industry oriented One Week "**Engineer in Mirror**" Programme on "Software Engineering & Management in Association with AMI Tech (India) Pvt Ltd., from 26 August 2013 to 31 August 2013

Certification Courses (NPTEL/Udemy/Coursera/Edx) : 04

Year - 2022:

1. **NPTEL Online Certification:** Successfully completed the **12 Weeks** course on NBA Accreditation and Teaching and Learning in Engineering **(NATE),** Funded by the MoE, Govt. of India **from January to April 2022** with a grade **Elite** and a consolidated score of 73%.

Year - 2019:

2. **NPTEL Online Certification:** Successfully completed the **12 Weeks** course from January 2019 to April 2019 with a grade **Elite** on "Introduction to Automata Languages and Computation (FLAT)" and a consolidated score of 73%.

Year - 2020:

3. **Udemy Online Certification:** Successfully completed 23 total hours of Complete Python Bootcamp: Go from Zero to hero in python 3 online course on 6th **June 2020**, from Udemy Online certification course. Duration **One Week**

4. **Udemy Online Certification:** Successfully completed 25 total hours of "Python for Data Science and Machine Learning Bootcamp" online course on 19th **July 2020**, from Udemy Online certification course. Duration **One Week**

Resource member for the National and International Events: (Proofs needed): = 09

Year - 2021:

1. Jury member for the Hackathon DevJam2.0 CMRCET, Hyderabad 2021

Year - 2020:

2. Jury member for the Hackathon DevJam1.0 CMRCET, Hyderabad, 2020

3. Awarded a certificate from AICTE New Delhi and Ministry of HRD Government of India as **Judge** for exceptional contribution in software edition of "**Smart India Hackathon, 2020**. Held at CMRCET, Hyderabad during Grand Finale 2nd and 3rd March 2020?

Year - 2019:

4. Awarded a certificate from AICTE New Delhi and Ministry of HRD Government of India as **Judge** for exceptional contribution in software edition of "**Smart India Hackathon, 2019**. Held at CMRCET, Hyderabad during Grand Finale 2nd and 3rd March 2019

5. TSEAMCCET-2019 Observer

Year - 2018:

6. Awarded a certificate from AICTE New Delhi and Ministry of Electronics & Information Technology (MeitY) Government of India as **Judge** for exceptional contribution in software edition of "**Smart India Hackathon, 2018**. Held at CMRCET, Hyderabad during Grand Finale 30th and 31st March 2018

7. TSEAMCCET Observer for 2018

8. **As session chair:** Chaired a session in International Conference on Advances in Computing and Communication Technologies (ICACCT-2018), 21st & 22nd December 2018, CMRCET, Hyderabad.

9. **As session chair:** Chaired a conference track "Network Security" in First International Conference on Artificial Intelligence & Cognitive Computing (AICC-2018), 2nd & 3rd February 2018, MLRIT, Hyderabad

Attended FDPs/SDPs/Refreshers Coerces/Workshops (not less than one week duration): = 19

Year - 2022:

1. **AICTE-UHV-II:** Participated and Successfully completed a 5-Day Online Faculty Development Program on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 11th July to 15th July 2022.

2. **NATE-AICTE:** Successfully completed the **12 Weeks** Faculty Development Program on NBA Accreditation and Teaching and Learning in Engineering **(NATE)**, Funded by the MoE, Govt. of India during January – April 2022.

Year - 2021:

3. **One Week Faculty Development Programme** on "*Recent Advancements in Machine Learning & Deep Learning*", during 26th – 30th April 2021. Organized by Dept of Computer Science and Engineering in collaboration with VNR CSI, VNRVJIET, Hyderabad.

4. **Six Day AICTE Sponsored Short Term Training Program** (STTP) on "*IoT Simulation by Fog Computing and Edge Computing using Open-Source Tools*" during 15th – 20th February 2021. Organized by Dept of Computer Science & Engineering, KITS Warangal.

Year - 2020:

5. **One Week Professional Development Programme** on "*Mathematics for Data Science*", during 26th – 31st October 2020. Organized by Dept of Computer Science and Engineering in collaboration with VNR CSI SC & IEEE CS, VNRVJIET, Hyderabad.

6. **One Week Faculty Development Programme** on "*Python for Machine Learning*", during 18th May – 23rd May 2020. Organized by Dept of Computer Science and Engineering in collaboration with Computer Society of India (CSI), VNRVJIET.

7. **One Week Online Faculty Development Programme** on "*Data Science Behind Natural Language Processing*", during 6th – 10th July 2020. Organized by Dept of IT, Kakatiya Institute of Technology & Science, Warangal.

8. **5 Day Virtual Conference** on Impact of COVID 19 in Industry 4.0 during 13th to 17th May 2020, organized by Dept of CSE, Dr.N.G.P. Institute of Technology, Coimbatore, India

9. **5 Day** Faculty Development Programme on "Artificial Intelligence and machine Learning" from 18 May to 22 May 2020. Organized by Department of Computer Science and Engineering, CMR Technical Campus with BLACKBUCK Engineers Pvt Ltd. Hyderabad.

10. **One Week Online** Faculty Development Programme on "Big Data Tools" during 18th – 23rd May 2020. Organized in Association with Computer Society of India and Department of CSE & IT, St. Martins Engineering College, Hyderabad.

11. **National level 5 Day** Faculty Training Programme on "Cyber Security" during 23rd May to 27th May 2020, organized by Dept of CSE, Vagdevi College of Engineering in association with SUPRAJA Technologies, Warangal, Telangana.

12. **5 Day National Level** Online Faculty Development Programme on "*Artificial Intelligence*" from 22nd May to 26th May 2020, organized by BVRIT Hyderabad college of Engineering for Women in Association with NYCI & Brainovision Solutions India Pvt Ltd, Hyderabad

Year - 2019:

13. **NPTEL:** Successfully completed the **12 Weeks** Faculty Development Program on "Introduction to Automata Languages and Computation (FLAT)" from January 2019 to April 2019.

14. Completed the **Training-cum-Workshop** on "*Developing Writing Research Proposals on Digital Solutions in Agriculture*", under NAHEP Component 2A, organized at ICAR-NAARM, Hyderabad, Hyderabad during 19-23 November 2019

15. **NPTEL-AICTE Faculty Development Programme** for **12 weeks** from January-April 2019 and funded by the Ministry of HRD, Govt of India on "*Introduction to Automata, Languages and Computation*".

Year - 2016:

16. **Four Week** AICTE approved Faculty Development Programme by IIT Bombay on "Use of ICT in Education for Online and Blended Laerning" **from 2nd May 2016 to 10th July 2016**. Under the National Mission on Education through ICT, MHRD, Govt. of India.

Year - 2012:

17. **AICTE sponsored Two Week** Staff Development Programme on "Advanced Data Mining Techniques" **from 14 – 26 May 2012**. Organized by Dept. of CSE, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

Year - 2014:

18. **Six Day workshop** on "English Language Proficiency and Personal Effectiveness", from 12-17 May 2014. Organized by Dept. of Humanities and Sciences, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

Year - 2008:

19. **MHRD, Govt. of India Sponsored Two Week Refresher Course** on "Algorithms, Computation and Compilation" from 25th August – 6th September 2008. Organized by Dept. of Computer Science and Engineering, National Institute of Technology (NITW), Warangal

Participated in International / National Conferences, Workshops, Symposiums, etc. = 23

Year - 2022:

1. 4th International Conference on Advances in Computing, Communication Control and Networking **(ICAC3N). Year 2022**

2. International Conference on Exploring Colossal Technological Advances of the 21st Century in Science, Engineering, and Technology (ICECTACSET-2022). **Year - 2021:**

3. 2nd International Conference on. Data Intelligence and Cognitive Informatics ICDICI 2021 [ICDIC 2021], Year 2021.

Year - 2017:

4. Participated in the Workshop on Data Analytics conducted as a prelude to the 7th IEEE International Advance Computing Conference (IACC 2017), held during 5th – 7th January 2017. Hosted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

Year - 2015:

5. Presented a Research Paper in the Fifth International Conference on Fuzzy and Neural Computing (FANCCO – 2015) held during 16th – 19th December 2015 at IDRBT Hyderabad.

6. Presented a Research Paper in the 2015 IEEE International Conference on Computational Intelligence and Computing Research held during 10th – 12th December 2015 at Vikram College of Engineering, Madhurai, Tamilanadu.

7. Presented a Research Paper in the International Conference on Innovations in Computer Science and Information Technology held during 28th – 29th August 2015 at MGIT, Hyd.

Year - 2014:

8. Participated in National Workshop on Research Issues in Information Retrieval, held during 2nd & 3rd May 2014. Organized by RVR & JC College of Engineering, Guntur, Andhra Pradesh.

9. Participated in International Conference on ICT for Bridging Future held during 12th – 14th December 2014. Organized by CSI Hyderabad Chapter in Association with JNTUH & DRDO in the occasion of Golden Jubilee Celebrations & 49th Annual Convention CSI 2014.

10. Participated in International Conference on Data Sciences (InDaS 2014) held during 26th – 28th February 2014. Organized by Department of CSE & IT, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

Year - 2012:

11. Presented a Research Paper in the International Conference on Systemics, Cybernetics and Informatics (ICSCI-2012), held during 15th – 18th February 2012 under the aegis of Pentagram Research Centre, India.

Year - 2010:

12. Participated in the 14th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD-2010), held during 21st – 24th June 2010. Organized by IIIT, Hyderabad at HiCC, Hyderabad.

13. Presented a Research Paper in International Conference on Futuristic Computer Applications2010, held on 25th February 2010. Organized by ICFCA 2010.

Year - 2009:

14. Presented a Research Paper in 5th International Conference on Down Trend Challenges in IT, held on 22nd May 2009 at Punjab College of Technical Education, Ludhiana.

15. Presented a Research Paper in International Conference on Emerging & Futuristic System and Technology, held during 9th – 11th April 2009 at Laxmi Devi Institute of Engineering & Technology, Alwar, Rajasthan.

16. Presented a Research Paper in National Conference on Recent Trends in Information Technology, held during 20th – 21st February 2009 at Padmashri. Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar.

17. Presented a Paper in National Seminar on Information Security: Emerging Threats and Innovations in 21st Century, held on 4th April 2009 at Institute of Technology & Science, Ghaziabad.

Year - 2008:

18. Presented a Paper in National Conference on Informatics, held on 27th December 2008 at Narayana Engineering College, Nellore, Andhra Pradesh.

Year - 2007:

19. Presented a h Paper in National Conference on Recent Trends in Information Technology, held on 12th May 2007 at SJB Institute of Technology, Kangeri, Bangolore.

20. Presented a Paper in National Conference on Engineering Trends in Information Technology, held during 15th – 16th April 2007 at Lakshmi Narain College of Technology, Bhopal.

Year - 2006:

21. Presented a Technical paper in 8th National level Technical Symposium for Technical paper presentation RIPPLE-2K6, held on 29th October 2006 at RGM College of Engineering & Technology, Nandyal, Andhra Pradesh.

(Dr. A. Brahmananda Reddy)
Associate Professor / CSE