DR. BONTHU KOTAIAH

ASSOCIATE PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE

SCHOOL OF SCIENCES

CENTRAL TRIBAL UNIVERSITY OF ANDHRA PRADESH, KONDAKARAKAM,

VIZIANAGARAM, ANDHRA PRADESH - 535003

1. Name : **Dr. Bonthu Kotaiah**
2. Department : **Computer Science**
3. School : **Sciences**
4. Date of joining (CTUAP) : **23.12.2022**
5. Position at which joined : **Associate Professor & Head**

Phone No : **+91-9666995969**

E-Mail :**kotaiah.bonthuklce@gmail.com,**

kotaiah.bonthu@ctuap.ac.in

6. Field of Specialization under the Subject/Discipline

1. Deep Learning, Machine Learning, Artificial Intelligence, Soft Computing
2. Neural Networks, fuzzy logic, Neuro-Fuzzy Systems, Recommender Systems
3. Cyber Crimes and Cyber Security, Data Science and Machine Learning

7. Educational Qualifications:

Qualification	Year of Passing	Board/Madrasa Board/University	Subject Opted	Percentage
SSC	1996	AP BSE	Maths, Sciences	78.50
Sr. Secondary or Equivalent (Pl. specify & give details) INTERMEDIATE	1998	AP Board of Intermediate Education	Maths, Physics, Chemistry	77.80
Graduation(BCA)	2001	Acharya Nagarjuna University	Computer Science	65.45- First with distinction Got -1178

				Max- 1800
Post-Graduation(MCA)	2008	Acharya Nagarjuna University	Computer Science	78.24- First with distinction Got-3051 Max -3900
M. Phil.(Enrollment No.078M10A038004)- Part Time, Title: An Emphirical Analysis of risk taking behavior on IT Platform Migration decisions	August, 2011	PRIST University	Computer Science	7/10 (CGPA) - First Class
Ph.D.(Title: Software Reliability Assessment using Neuro Fuzzy System) , Enrollment No. 236/11, Roll No-3001, Guide: Prof. R.A. Khan	June, 2016 (Date: 07.06.2016)	BBAU, LUCKNOW	Information Technology	7/10(CGPA)- Part-I Exam(May,2012)
Any other Qualification				
M.Sc.(I.S.) – Regd. No. 201982304	2005	ANDHRA UNIVERSITY , L.B. College, Vizag	INFORMA TION SYSTEMS	60.2(Approx.)
UGC-NET(UGC Ref. No.37943/NET- DEC.2012), Roll No. 42870188	March, 2013	UGC	COMPUTE R SCEINCE AND APPLICAT IONS	56.8(Approx.)

AP-SET(APSET Ref. No.4563/APSET/JULY/2012), Ht. No.160405739	July, 2012	GOVT. OF A.P.	COMPUTER SCIENCE AND APPLICATIONS	58.2(Approx.)

8. Details of Publications:

National / International Journals:

<u>**2012**</u>

1. **Bonthu Kotaiah**. R.A. Khan (2012). A Survey on Software Reliability Assessment by using Different Machine Learning Techniques. *International Journal of Scientific & Engineering Research(IJSER)*. Volume 3. Issue 6. June 2012, Pp. No.1-7. I.F:3.8, UGC J.No.44919, ISSN No.2229-5518. Indexed by Thomson Reutters.

2. Nagaraju, D. O., **Kotaiah, B.**, Khan, D. R., RamiReddy, M., & Chakravarthy, N. K. (2012). Implementing and compiling clustering using Mac Queens alias K-means apriori algorithm. *International Journal of Database Management Systems (IJDMS) vol*, *4*, DOI:10.5121/ijdms.2012.4205, Pp. No. 69-83, I.F:1, UGC J.No.49014, ISSN:0975-5705(Online)

<u>**2013**</u>

3. **Bonthu Kotaiah**. R.A. Khan, Muralidhar Vejendla (2013). Model For Software Errors Prediction using Machine Learning to Improve the Software Reliability. *International Journal of Soft Computing and Software Engineering [JSCSE]*. Vol. 3. No. 3, pp. 314-319. eISSN: 2251-7545. Doi: 10.7321/jscse.v3.n3.47. I.F:10.7321.

4. **Bonthu Kotaiah**. R. A. Khan(2013). Different Issues in Predicting the Software Reliability. *International Journal of Science and Engineering Investigations (IJSEI)*. Vol. 2. Issue 12. January 2013. Pp.65-68. ISSN: 2251-8843. I.F:3.967.

5. **Bonthu Kotaiah**. R. A. Khan (2013). Software Reliability Growth Models- A Revisit. *IJAC(International Journal Of Advanced Computing (Print Journal)*. ISSN. 0975-7686.

P.No.32-36. Vol. 5 Issue 1, January, 2013. Online Link: http:// Journals.Griet.ac.in/ Images/V5i1jan2013_7.Jpg.

6. **Bonthu Kotaiah**. R. A. Khan. D.S.R. Krishna (2013). A Neural Network methodology for Software Reliability prediction of long-term MTTF. *Mathematical Sciences International Research Journal.* Volume 2. Issue No.1. ISSN 2278-8697 Pp. No.101-103. I.F:2.73,, UGC J.No.43832.

7. **Bonthu Kotaiah**. R.A. Khan (2013). MLP Neural Networks Based Approach for the Assessment of Software performance to Improve the Software Reliability(Paper Code: M214A). *Mathematical Sciences International Research Journal,* Vol. No.2, Issue 2, Pp. No.548-551, ISSN No.2278-8697, I.F:2.73,, UGC J.No.43832.

8. **Bonthu Kotaiah**. R.A. Khan(2013). Software Reliability Assessment by using Neural Networks with Fuzzy Logic based systems. *Elsevierst. onlinelink:http:searchdl.org/ public/book_serieselsevierst/6/ 540.pdf.* ISBN No.978-93-5107-193-8, Vol.No.1, I.F.: 0.5, Pp. No.529-535, Elsevier Science B.V., UGC J. No.06888, ISSN No.1877-7503.

9. **Bonthu Kotaiah**. R.A. Khan (2013). Assessing the level of Software Reliability using Neuro Fuzzy System. Engineering Sciences International Research Journal, 2013, I.F: 2.54, Vol. No.1, Issue 2, Pp. No.256-259, ISSN No.2320-4338.

2014

10. **Bonthu Kotaiah**. T.Arundathi. P.M. Jahan(2014). Comparative analysis of machine learning techniques for Software Reliability prediction. Mathematical Sciences International Research Journal: Vol. 3 Spl. Issue (2014) ISSN 2349-1353, ISBN No.978-93-84124-16-8, Pp. No.977-990.I.F:2.73,, UGC J.No.43832.

2015

11. **Bonthu Kotaiah**. MVS Prasad, R.A. Khan (2015). An Analysis of Software Reliability Assessment with Neuro-Fuzzy based Expert Systems. *Elsevier B.V..,Procedia Computer Science* ISSN No.1877-0509. Proceedings of International conference on Soft Computing and Software Engineering(SCSE-2015), DOI: 10.1016/j.procs.2015.08.418. University of California, Sutardja dai Hall, California,

USA (Paper ID-40819), available online at www.sciencedirect.com as Procedia Computer Science 62(2015)92-98, Vol. No.62, I.F.:1.08, UGC J.No.46138

12. **Bonthu Kotaiah**. R.A. Khan (2015). Effective Assessment of Software Reliability by Using Neuro-Fuzzy System. *International Journal of Research (IJR)* e-ISSN: 2348-6848. p-ISSN: 2348-795X Volume 2. Issue 08. August 2015, Pp. No. 250-270. Available online at http://internationaljournalofresearch.org/, I.F: 3.541, UGC J.No.04624.

13. **Bonthu Kotaiah**. R.A.Khan(2015). Automation of Assessment and Approximation of Software Reliability. *International Journal of Research (IJR)* e-ISSN: 2348-6848. p-ISSN: 2348-795X Volume 2. Issue 08. Pp. No. 425-468. August 2015. Available online at http://internationaljournalofresearch.org/, I.F: 3.541, UGC J.No.04624.

2016

14. **Bonthu Kotaiah**. Mohd. Omar (2016)."Software Reliability and It's approximation by Euler's theorem based on Iterative Approach", International Journal of Computer and Mathematical Science(IJCMS), Special Issue February 2016, ISSN 2347 – 8527, I.F: 2.58.

15. **Bonthu Kotaiah**.(2016). "The Proposal of Software Reliability Assessment Model", Proceedings of IEEE National Conference on Current Advances in Science and Technology(CAST-2016) and published in International Journal of Engineering Science and Advanced Research(IJESAR), Pp. No.26, ISSN No.2395-0730, eISSN No.2454-826X.

16. **Bonthu Kotaiah**.(2016)."The Implementation of latest teaching aids in the Education System(Paper Code: G432A)", Proceedings of 1st International Conference on Science, Technology, Women Studies, Business & Social Sciences 2016, Engineering Sciences International Research Journal, 2016, I.F: 2.54, Vol. No.4, Issue 2, Pp. No.99-101, ISSN No.2320-4338, ISBN No.978-93-84124-81-6.

2017

17. Kotaiah, Bonthu, & Md Asif Khalil.(2017) "Approaches for development of Software Projects: Agile methodology." International Journal of Advanced Research in Computer Science [Online], Volume 8, No.1 , Jan-Feb 2017, I.F:5.845, UGC J.No.02503, ISSN No.0976-5697, Pp.No.237-242.

2018

18. Bonthu Kotaiah. (2018). The Implementation And Automation of Software Reliability Assessment Model using Neuro Fuzzy System. *International Journal of Research (IJR)* e-ISSN: 2348-6848. p-ISSN: 2348-795X Volume 5. Issue 01. January 2018, Pp. No. 2296-2316. Available online at http://internationaljournalofresearch.org/, I.F: 3.541, UGC J.No.04624.

2019

19. Altamas Khan, Dr. B. Kotaiah, "STUDENT RESULT ANALYSIS USING CLUSTERING TECHNIQUE(Paper ID: JETIR1904401)", Journal of Emerging Technologies and Innovative Research (JETIR), April 2019, Volume 6, Issue 4, ISSN-2349-5162, Pp No.1-5, I.F. :5.87, UGC Journal No.:63975.

S#	Title of the Research Paper/Articles	Name of the Journal	ISSN No.	SCI/Scopus/UGC/AICTE	Principal Author / Co-Author	Page No.s
1.	Implementation of agile methodology based on SCRUM tool	IEEE Xplore(2018)	978-1-5386-1887-5, 978-1-5386-1888-2	SCI	Co-Author	2351-2357
2.	STUDENT RESULT	International Journal of	Volume 6 Issue 4	UGC and ISSN		1-5

		ANALYSIS USING CLUSTERING TECHNIQUE	Emerging Technologies and Innovative Research (www.jetir.org)	April-2019 eISSN: 2349-5162	approved 7.95 impact factor UGC Approved Journal no. 63975	Co-Author	
3.	Analysis of Student Result using Machine Learning in Python	*Turkish Journal of Computer and Mathematics Education Vol.10 No. 01(2019),*	1309-4653	SCOPUS & UGC CARE GROUP-II	Author	467-473
4.	The power of augmented and virtual reality technology for business	*Design Engineering*	0011-9342	SCOPUS & UGC CARE GROUP-II	Author	4939-4949
5.	Business Model Innovations through Blockchain Technology: An Empirical Study in the Era of Industry 4.0	*Design Engineering*	0011-9342	SCOPUS & UGCCARE GROUP-II	Author	10377-10385
6.	3-D Printing Technology in Pharmaceutical	*Natural Volatiles and Essential Oils*	2148-9637	SCOPUS & UGC CARE GROUP-II	Co-Author	5342-5349
7.	Classification And Prediction Of Essential Oils Using MobileNets	*Natural Volatiles and Essential Oils*	2148-9637	SCOPUS & UGC CARE GROUP-II	Co-Author	317-325
8.	IMPLEMENTATION OF CRM	*Vidyabharati*	2319-	WoS & UGC	Co-	2673-

	THROUGH INFORMATION TECHNOLOGY INNOVATION IN MODERN ORGANISATIONS	*International Interdisciplinary Research Journal (Special Issue)- october 2021*	4979	CARE GROUP-II	Author	2678
9.	Advanced Deep Learning and Super Optimization Technique based on Classification of Medical Images	International Journal of Mechanical Engineering Vol. 7 No. 1(January, 2022)- Part 1	0974-5823	SCOPUS & UGC CARE GROUP-II	Co-Author	2874-2883
10.	ROLE OF TECHNOLOGY IN ENHANCING THE EFFECTIVENESS OF TECHNICAL EDUCATION: AN EMPIRICAL STUDY WITH SPECIAL REFERENCE TO MECHANICAL ENGINEERING STUDENTS.	International Journal of Mechanical Engineering Vol. 7 No. 1(January, 2022)- Part 2	0974-5823	SCOPUS & UGC CARE GROUP-II	Co-Author	5231-5237
11	Hybrid and Classical Models of Recommendation	M. M. ul Haque and B. Kotaiah, "Hybrid and Classical Models	2023	SCI	Co-Author	1-6

	Systems- A Review	of Recommendation Systems- A Review," 2023 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, India, 2023, , doi: 10.1109/SCEECS 57921.2023.1006 3125.				
12	Deep Learning based Tourism recommendation system	Fathima, Ismat and Kotaiah, Bonthu, Deep Learning Based Tourism Recommendation System (November 26, 2022). Proceedings of the International Conference on Innovative Computing & Communication (ICICC) 2022, Available at Elsevier SSRN: https://ssr n.com/abstract=4 286575 or http://d x.doi.org/10.2139	2022	SCI	Co-Author	1-7

		/ssrn.4286575				
13	Rachana Shikhare, Umesh u, G. Radha Krishna Murthy, Bonthu Kotaiah, "Impact of Work Life Balance(WLB) on Job Switching Behavior – An Empirical Study	ECS Transactions, Vol.1 07(1), 2022, ISSN: 1938-5862	2022	Scopus	Co-Author	Pages: 18662-18672
14	Chaitanya Singh, M.S.Srinivasa Rao, Y.M. Mahaboobjohn, Bonthu Kotaiah, and T. Rajasanthosh Kumar, "Applied Machine Tool Data Condition to Predictive Smart Maintenance by Using Artificial Intelligence",	Emerging Technologies in Computer Engineering: Cognitive Computing and Intelligent IoT, V. E. Balas et al. (Eds.): ICETCE 2022, CCIS 1591.	2022	Scopus	Co-Author	pp. 1–13
15	Mohd Saqib, Dr.Bonthu Kotaiah, "Fingerprint Identification for Criminal Detection based on Machine Learning Algorithm"	TELEMATIQUE Volume 21 Issue 1, 2022, ISSN: 1856-4194	2022	Scopus	Co-Author	Pages: 889 – 895

National/ International Conference:

<u>**2012**</u>

20. **Bonthu Kotaiah.** B. Sunil Kumar. R.A. Khan(2012). A Survey on Software Reliability Assessment by using different Machine Learning Techniques, *International Conference on Information Technology, Electronics and Communications(ICITEC-2012) organized by International Academic and Industrial Research Solutions(IAIRS),Hotel Golconda, Masab Tank, Hyderabad, July 14-15th 2012. Hyderabad. India.* Pp No.11-17.

21. **Bonthu Kotaiah**. R.A. Khan(2012). A Survey on Software Reliability Assessment for Machine Learning Techniques. *Proceedings of National Conference on Recent Trends in Information Technology.* Conducted by department of I.T., PVP Siddartha Institute of Technology(PVPSIT). Vijayawada. Conference Proceedings. 09th March, 2012. Pp No.95-102.

<u>**2013**</u>

22. **Bonthu Kotaiah**. R.A. Khan (2013). Assessing the level of Software Reliability using Neuro Fuzzy System. *International Conference on Information & Engineering Sciences-2013 (ICIES -2013), February 21-23,2013, 3 days, Vijayawada* organized by International Multidisciplinary Research Foundation(IMRF), I.F: 2.54, Vol. No.1, Pp. No.256-259, ISSN No.2320-3668.

23. **Bonthu Kotaiah**. R.A. Khan (2013). Software Reliability Assessment by using Soft Computing Techniques- A Survey. *1st Lucknow Science Congress-LUSCON,2013(A part of Indian Science Congress)- "Innovations in science for better tommarrow".* Conducted by BBAU, Lucknow during 20th-21st March,2013.

24. **Bonthu Kotaiah**. R.A. Khan(2013). GMR(Group Maturity Rating) with Fuzzy Logic Based Software Defects Rating for the Assessment of Software Development Life Cycle(SDLC) Performance(Paper Code: ICAETC-28APR13-BANIRNet-022). *Proceedings of International Conference on Advances in Engineering and Technology Convergence(AETC) organized by IRNet International.* Bangkok. Thailand. 28th April, 2013. ISBN No: 978-93-82208-89-1. P.No.25-29.

25. **Bonthu Kotaiah**. R.A. Khan (2013). MLP Neural Networks Based Approach for the Assessment of Software performance to Improve the Software Reliability(Paper Code: M214A). *The International Conference on Mathematics, Statistics and Computer Engineering (ICMSCE-2013)* organized by International Multidisciplinary Research Foundation(IMRF). ISSN No.2568-4345. August 09-10, 2013, Kochi, Kerala, Vol. No.2, Pp. No.548-551, ISSN No.2278-8697.

26. **Bonthu Kotaiah**. R.A. Khan (2013). The Preliminary Prediction of Software Reliability Prediction using Neural Network Based Systems. *Proceedings of International Conference on Mathematical Modelling And Numerical Simulation(ICMMANS). BBAU, Lucknow Conference Proceedings. July 01-03, 2013. Organized by Department of Applied Mathematics, School for Physical Sciences, BBAU. Pp. No.62-63.*

27. **Bonthu Kotaiah**. R.A. Khan(2013). Comparison of Software Reliability Assessment Methods with Neuro Fuzzy Based Systems. *Proceedings of International Conference on Nanoscience and NanoTechnology(ICNN-2013).16-18th Dec., 2013, BBAU. Conference Proceedings. Pp. No.256.*

28. **Bonthu Kotaiah**. R.A. Khan(2013). Software Reliability Assessment by using Neural Networks with Fuzzy Logic based systems. *International Conference on Advances in Engineering and Technology conference(AET-ACS). Elsevier. Dec.13-14th,2013. Delhi, NCR, India.   onlinelink:http:searchdl.org/ public/book_serieselsevierst/6/ 540.pdf.* ISBN No.978-93-5107-193-8, Pp. No.529-535, Elsevier Science B.V., UGC J. No.06888, ISSN No.1877-7503.

29. **Bonthu Kotaiah**. R.A. Khan. Muralidhar V.(2013). Model for Software Errors Prediction Using Machine Learning to Improve the Software Reliability. *The Proceedings of International Conference on Soft Computing and Software Engineering 2013 [SCSE'13]. March 01-2nd 2013, San Francisco State University. California. U.S.A.. Doi: 10.7321/jscse.v3.n4.47.*

2014

30. **Bonthu Kotaiah**. R.A. Khan (2014). "A Comparative Study on Software Reliability assessment with Neural Networks and Neuro Fuzzy based systems(Paper Code: ICMC-022)". *Proceedings of International Conference on Modeling and Computing(ICMC-*

2014), 10th -11th July 2014. PP No.12. Souvenier. Department of CS, BBAU. Lucknow. Conference Proceedings.

31. **Bonthu Kotaiah**. R.A. Khan(2014) Issue in the Assessment of Software Reliability with Mathematical Modelling Based Safety-Critical System. *Proceedings of National Conference on Information Security Challenges(NCISC- 2014), 28th March, 2014.* Organized by Department of Information Technology. Babasaheb Bhimrao Ambedkar University(BBAU). Lucknow. Conference Proceedings, Pp. No.69-73, Vol.1,Issue 1, ISBN:978-81-7678-220-3.

32. **Bonthu Kotaiah**. D.S.R. Krishna. T.Arundathi(2014). Assessment of Software Reliability via Mathematical Modelling. Proceedings of the Second International Conference on Emerging Research in Computing, Information, Communication and Applications(ERCICA-2014) at Nitte Minakshi Institute of Technology, NMIT, Bangalore, 01-02 August, 2014. ISBN: 9789351072638. Elsevier Publications. Vol No.3, I.F.: 0.8, Pp. No.864-867. Elsevier Science B.V., UGC J. No.06888, ISSN No.1877-7503.

33. **Bonthu Kotaiah**. T.Arundathi. M.D.Fasihuddin, P.M.Jahan(2014). Machine Learning Techniques for the effective Assessment of Software Reliability. Proceedings of the Second International Conference on Emerging Research in Computing, Information, Communication and Applications(ERCICA-2014) at Nitte Minakshi Institute of Technology, NMIT, Bangalore, 01-02 August, 2014. .ISBN: 9789351072638. Elsevier Publications. Vol No.3, I.F.: 0.8, Pp. No.868-872. Elsevier Science B.V., UGC J. No.06888, ISSN No.1877-7503.

34. **Bonthu Kotaiah**. T.Arundathi. P.M. Jahan(2014). Comparative analysis of machine learning techniques for Software Reliability prediction. *International Conference on Mathematical Sciences, at* Pattaya, Thailand organized by IMRF Thailand Chapter & IMRF India, during Sept.,15-19,2014, Pp. No. 977-992, ISSN: 2349-1353.

2015

35. **Bonthu Kotaiah.** R.A. Khan(2015). Software Reliability Measurement with Neural Network based Soft Computing Systems(Paper ID: 116). *Third International*

Conference on Emerging Research in Computing, Information, Communication and Applications(ERCICA-2015).at Nitte Minakshi Institute of Technology, NMIT, Bangalore, 31ˢᵗ July and 01ˢᵗ August, 2015. Springer. Conference Proceedings, ISBN No.978-81-322-2550-8, ISSN:0920-5091, Vol No.3, UGC J.No.02779.

36. **Bonthu Kotaiah**. MVS Prasad, R.A. Khan(2015). An Analysis of Software Reliability Assessment with Neuro-Fuzzy based Expert Systems. *International Conference on Soft Computing & Software Engineering(SCSE-2015) during* March 5ᵗʰ-6ᵗʰ,2015 at Sutardja Hall, University of California & Stanford University, Berkeley, California, United States of America(USA) (Paper ID: 40819). Vol.No.: Proceedings of SCSE-2015.

2016

37. **Bonthu Kotaiah**. Mohd. Omar (2016)."THE SOFTWARE RELIABILITY ASSESSMENT USING NEURO-FUZZY SYSTEMS WITH ENCODED INPUT", Proceedings of 1st International Conference on Computer and Electronics Engineering, 2016(ICCEE-2016) organized by International Society of Researchers, Scientists, Engineers and Doctors(ISRSED) and published by Tata McGraw Hill during 9ᵗʰ-10th JAN, 2016, Pp. No. 149-156.

38. **Bonthu Kotaiah**.(2016)."The Implementation of latest teaching aids in the Education System(Paper Code: G432A)", Proceedings of 1st International Conference on Science, Technology, Women Studies, Business & Social Sciences 2016 held during Nov. 03-05,2016 organized by IMRF, Goa Chapter in collaboration with Centre for Scientific Research Education, Institute for foreign affairs and diplomacy & Ratna Prasad Multidisciplinary Research and Education Society at Margoa, Goa, India(Govt. of India Approved Conference: MHA Vide No.F.No.42160876/CC;MEA: F.No.AA/162/01/2016-639).

39. **Bonthu Kotaiah**. Mohd. Omar(2016)."Software Reliability and It's approximation by Euler's theorem based on Iterative Approach(Paper Code: IHC 234)", Proceedings of 2nd International Conference on Innovative Research in Engineering Science and Management (ESM-16) at India Habitat Centre, New Delhi, India on 28-Feb-16 and IJCMS, Special Issue February 2016, ISSN 2347 – 8527.

40. **Bonthu Kotaiah**.(2016). "The Proposal of Software Reliability Assessment Model", Proceedings of IEEE National Conference on Current Advances in Science and

Technology(CAST-2016) and published in International Journal of Engineering Science and Advanced Research(IJESAR), 19th March, 2016 at Dept. of Applied Science and Humanities(Faculty of Engg. & Tech.), Rama University, Uttar Pradesh, Kanpur, Pp. No.26, ISSN No.2395-0730.

2017

41. Kotaiah, Bonthu, & Md Asif Khalil. "Implementation of Agile Methodology based on SCRUM Tool(Paper Code:SKR-IEEE-ECDS-0762)". Proceedings of IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017). 01st Aug – 02nd Aug 2017 with catalog "CFP17M55-PRJ:978-1-5386-1886-8" organized by SKR Engineering College, Nazarathpet, Poonamallee,Chennai,Tamilnadu, India in collaboration with IEEE, Madras Section.

2018

42. **Bonthu Kotaiah**.(2018). **"The Effective usage of ICTs in the latest Education System".** Proceedings of the Two-Days National Conference on "Emerging Trends and Issues in Information Technology & Communication" during 17-18th March, 2018 organized by the Department of CS&IT, MANUU, Hyderabad.

43. **Bonthu Kotaiah, Mr. Mohd. Omar**(2018). **"The Software Reliability Assessment Model".** Proceedings of the Two-Days National Conference on "Emerging Trends and Issues in Information Technology & Communication" during 17-18th March, 2018 organized by the Department of CS&IT, MANUU, Hyderabad.

9. Total No. of Conferences/Seminars/Workshops Attended & Papers Presented:

S.No.	Details of the Conference/Seminar/ Workshop	Organized by	Dates	International/National/State	Attended/Attened and Presented	Autor/ Co-Author
1.	Two-Day National Conference on Emerging Trends and Issues in Information Technology & Communication	*School of Computer Science & Information Technology, Maulana Azad*	*17-18 March 2018*	**National**	Attended & Presented ***"The Effective***	Author

2.	Two-Day National Conference on Emerging Trends and Issues in Information Technology & Communication	*School of Computer Science & Information Technology, Maulana Azad National Urdu University*	*17-18 March 2018*	**National**	Attended & Presented

"The Software Reliability Assessment Model" | Aut hor |
3.	National seminar on "Prospects of Translation as an Upcoming Academic Discipline and Significant Profession	Department of Translation, Maulana Azad National urdu University	27.02.20 218-28.02.20 18	**National**	Attended	-
4.	*Seminar on Ease of Doing Business- Challenges and the Road Ahead*	DMS, MANUU in collaboration with Turkish Indian Chamber of Commerce and Industry and the Global Chamber of Commerce & Industry.	13.02.20 18	**Internati onal**	Attended	-
5.	*Workshop on "Data Science and Machine Learning"*	Department of CS & IT, MANUU, conducted by Data Jango, Hyderabad at MANUU	4-6th October, 2018	**National**	Attended & Co-ordinator	
6.	*Workshop on "Data Science and Machine*	Department of CS & IT, MANUU, conducted by Data	25-27th October,	**National**	Attended & Co-ordinator	

The "usage of ICTs in the latest Education System" text appears in row 1 (continuation) at the top.

	Learning"	Jango, Hyderabad at MANUU	2018			
7.	IBM's Conference om Artificial Intelligence	*IBM & Cluster Diligent IT Solutions*	24.05.2019	**National**	Attended	
8.	Hyderabad Live-2019	*Organized by Twin Cities International Congress at Hotel ITC Kohenur, Hyderabad*	15-16th June, 2019	**National**	Attended(Delegate)	
9.	National Level Conclave on Cyber Policing Best Practices Meet-2019	*Police Department, Govt. Of Telangana*	-	**National**	Attended	
10.	5th International Conference on Intelligent Computing and Communication(ICICC-2021)	*Published in Springer, Advances in Intelligent Systems and Computing (AISC) series. Now indexed by: ISI Proceedings, DBLP, Ulrich's, EICompendex, SCOPUS.*	26-27th Nov., 2021	CONFERENCE FOLLOWED BY SPRINGER SCOPUS	Attended & Presented *"AI and Machine Learning enabled Software Defined Networks"*	Co-Author
11.	5th International Conference on Intelligent Computing and Communication(ICICC-2021)	*Published in Springer, Advances in Intelligent Systems and Computing (AISC) series. Now indexed by: ISI Proceedings, DBLP, Ulrich's, EICompendex,*	26-27th Nov., 2021	CONFERENCE FOLLOWED BY SPRINGER SCOPUS	Attended & Presented *"Sensor Integration and Information Sharing for Automated Electric*	Co-Author

S#	Title of Event	Organizer	Date	National/International	Attended/Presented	
					Vehicles for Better Estimation of the Surroundings ”	
12.	One day Interaction programme- Guftagu with Mr. Quaiser Khalid, IPS on creating congenial environment for competitive exams in Educational Institutions	*Organized by the SoET, MANUU*	25.09.2021	**National**	Attended	-
13.	Session on Career Development Cell- Knowledge, Skills and Abilities		2021	**National**	Attended	-
14.	Webinar on Conclave on Financial Emotional Well being	*Organized by THE WEEK*	19.09.2020	**National**	Attended	-
15.	Webinar on "Importance of Physical fitness and Yoga during the pandemic situation"	*Directorate of Physical Education and Sports, MANUU*	05.11.2020	**National**	Attended	-

List of Books /Book Chapters Published

S#	Title of the Book/ Chapter in Book with Page No.	ISBN Number	Publisher(International/ National)	Whether you are the Main Author/Co-author
(1)	(2)	(3)	(4)	(5)
1.	**Data Science**	978-93-91987-28-2	Jayalakshmi Publications, Madurai, India,	Co-Author

			National	
2.	**Disruptive Technology Industry 4., Advances in Management, Information Technology and Social Science(Volume First): Chapter Title:** Factors determining the effectiveness of digital marketing in changing marketing environment: An empirical study **(Book Chapter)**	978-1-68576-209-4	INSC International Publisher(IIP) International	Co-Author

List of conferences/seminars/workshops etc attended/conducted / papers presented (International/National)

1. *Short Term Certificate on VB.NET, ASP.NET,Adv.JAVA, J2EE, organized by* PRS Software Training & Development Center, Guntur, Andhra Pradesh during 12th May, 2011- 12th December, 2011 and got successful training on VB.NET, ASP.NET, JAVA Technologies and stood at first division.

2. Presented a paper entitled "Model for Software Errors Prediction Using Machine Learning to Improve the Software Reliability". *The Proceedings of International Conference on Soft Computing and Software Engineering 2013 [SCSE'13]. March 01-2nd 2013, San Francisco State University. California. U.S.A.. Doi: 10.7321/jscse.v3.n4.47 and got best paper award.*

3. Got Training as *Flex Developer in* Catalytic Software, Hyderabad for 2 Months(from Jun,2009 to August,2009) – DPT ID: 09062410 and Successfully completed training as Adobe Flex Developer.

4. Organized and participated in One day workshop on *Information Security Education Awareness(ISEA), conducted by* Dept. of CS & IT, MANUU in collaboration with CSI

Hyderabad Chapter and CDAC, Govt. of India on 25th February, 2014 on Information Security Education Awareness.

5. Participated in *National level workshop ,FOSS-2007(2 days)- QUIZ, conducted by* Department of ECM,KLCE, Vijayawada, Andhra Pradesh during 2-4th November,2007 on Fundamentals of Information Technology.

6. Participated in *National level workshop ,FOSS-2007(2 days)- Extempore, conducted by* Department of ECM,KLCE, Vijayawada, Andhra Pradesh during 2-4th November,2007 on Free and Open Source Software.

7. *Participated in National Level IT Meet(KAMEROON-2007) conducted by* Department of Computer Science and Applications, Sri Ramakrishna Degree & PG College, Nandyal, on 4th March,2007 on Computer Hardware: An Introduction and Identification as a part of ENCUESTA(Paper Presentation Contest).

8. Participated in *Short Term course(1 week) on foundations of efficient software development, conducted by* Dept. of CSE, Indian Institute of Technology(IIT), Hyderabad, during 27th June- 1st July,2012 and got training on "basic and advanced Data Structures, Algorithms and Databases".

9. Participated in *Workshop on "MATHTYPE" conducted by* Department of Mathematics, Govt. Degree College, Narsipatnam, Vizag, Andhra Pradesh, supported by National Council for Science and Technology, DST, New Delhi, A.P. State Council of Science and Technology(APCOST), Hyderabad, dated on 22nd July,2013 on "Fundamentals of "MATHTYPE" Software".

10. Participated in *Workshop on "Placement and Employment Prospects in Indian Patent Offices and Hands on Training for patenting the Research Work(Participation) conducted by* University Placement Cell and Information & Guidance Bureau(IGB), BBAU, Lucknow dated 18th March,2013 on "Placement opportunities and Patenting process".

11. *Attended A National Seminar on Image Processing and Applications(UGC Sponsored) at* Department of CSE, University College of Engineering & Technology, Acharya Nagarjuna University, Guntur during 3rd-4th Dec., 2011 on "Digital Image Processing and Applications".

12. *Participated in One day seminar on "ICT in Higher Education: Need of the Hour" conducted by* Information & Guidance Bureau(IGB) & Dept. of Library & Information Science(DLIS),BBAU, Lucknow on 20th Jan.,2014 on "Importance of ICT in Higher Education".

13. Participated in *Workshop on "Ethical Hacking and Information Security(EHIS-2015)(1 week) by Medhaj Techno Concept Pvt. Ltd., Lucknow, conducted by* Dept. of IT, BBAU, Lucknow during 06th- 12th Aug., 2015 on "Fundamentals of Ethical Hacking and Information Security(EHIS)".

14. Participated in NATIONAL WORKSHOP ON LATEST TRENDS IN INFORMATION TECHNOLOGY- APPLICATIONS during November, 27th & 28th 2014 Organized by Department of Computer Science, Singareni Collieries Women's Degree & PG College Kothagudem. Khammam Dt. Telangana and acted as Guest of Honour in Valedictory Session.

15. Attended 93rd Orientation course at UGC Academic Staff College, University of Hyderabad(Regn. No.3047) from 26th November,2015 to 23rd December, 2015(28 days), sponsored by UGC and Successfully completed course in "A" grade.

16. Participated in Quiz on "Latest Trends in IT(SAMIKSHA-An IT Review)" conducted by IBM, Hyderabad at Andhra Loyola College, Vijayawada, Andhra Pradesh on 27th October,2007 organized by Department of Master of Computer Applications and stood at 1st position.

17. *Participated in National Level IT Meet(ADEPT-2007) conducted by* Department of Computer Science, KLCE, Vijayawda, on 4th November,2007 and secured 1st position in Quiz on Computer Applications.

18. Participated in "3K Run for Education and Urdu" organized by Maulana Azad National Urdu University on 9th of November,2014 on the occasion of Azad Day Celebrations.

19. Participated in one day national seminar on "THE USE OF RADIATION TECHNOLOGY" organized by School of Life Sciences, University of Hyderabad in collaboration with Bhabha Atomic Research Center(BARC), New Delhi on 13th November,2015.

20. Acted as a Faculty Co-ordinator for Debugging and Debate events in Tech-Turing 2k15 organized by the Department of Computer Science & Information Technology on 13-14th March, 2015.

21. Acted as polling officer for the smooth conduct of MANUU Student's Union Elections 2014-15 held on 30th October, 2014.

22. Acted as Returning Officer(RO) for the smooth conduct of MANUU Student's Union Elections 2016-17(02.09.2016) and 2017-18(Dated 12.09.2017).

23. Working as Assistant Den, Students' Welfare(ADSW) from April, 2016 to till date.

24. Organized a National Placement Conference on "Industry-Institute Linkages: Rekindle Youth, Innovation & Employability " with Training and Placement Cell, MANUU as Hospitality, Invitation committee member(printing of batches, folders etc.,) and participated as a member, Organizing Committee on 23rd February, 2017 at MANUU, Hyderabad and presented vote of thanks in Valedictory session, Speakers from TCS, Cranes Software International, Groz Beckert, Gondour Foods India Ltd., etc., are particiated and delivered thier talk.

25. Got 1st Rank under SC Category in National Entrance Exam conducted by BBAU, Lucknow for admission into Ph.D. programme for the academic year 2010-11 and got 3rd Rank under general category.

26. Participated in the International Conference on Life Long Learning organized by All India Association for Educational Research(AIAER) from 25th-27th March, 2017 as Member, Techical Session Committee at MANUU, Hyderabad.

27. Acted as Joint Secretaty(Publicity), Maulana Azad National Urdu Univeristy Teachers Association(MANUUTA), Regd. No. 1010 from 07.10.2016 to 06.10.2017.

28. Acted as Vice-President, Maulana Azad National Urdu Univeristy Teachers Association(MANUUTA), Regd. No. 1010 from 07.10.2017 to 23.10.2018

29. Acting as General Secretary, Maulana Azad National Urdu Univeristy Teachers Association(MANUUTA), Regd. No. 1010 from 24.10.2018 to till date.

30. Organized a placement drive as Training & Placement Officer, School of CS & IT, MANUU on 25th November, 2015 and acted as Drive Co-ordinator in collaboration with PHRPL, Hyderabad and Placement and Career Guidance Cell, MANUU(70 Students from MANUU given letter of intents), Short listed from MANUU: 72, Shortlisted others:

348, Total Companies participated:13(Edata Global, HGS,Big-C, Karvy,Polaris+Vertex, Apollo, Apex Knowledge, Ecentric-HR, Pointed Square, Flipkart/ICICI/Reliance, TMI, Global Innov, HCL etc.,).

31. Made MoU/ Request for Association with PHRPL, Hyderabad.

32. Participated in the International Yoga Day-2016 on 21.06.2016 organized by MANUU, Hyderabad and acted as a Member, Organizing Committee.

33. Participated in the Research Methodology workshop on "Social Exclusion and Discrimination: Emerging Conceptual and Methodological Issues" organized by Al-Beruni Centre for the study of Social Exclusion and Inclusive Policy, MANUU, in collaboration with Indian Institute of Dalit Studies(IIDS), New Delhi, during 24-26th ,August 2015.

34. Organized and Co-ordinated the certificate workshop on "Cyber Security & Malware Analysis(Level-I)" in collaboration with Indian Servers, Vijayawada, Andhra Pradesh at MANUU, Hyderabad on 2nd November, 2016 at DDE Auditorium, MANUU, Hyderabad.

35. Acted as a Member, Dias and Seating Arrangement Committee, Convocation Site and Tent Arrangement Committee and Protocol and Security Committee, 6th Convocation, MANUU, on 26th December 2016.

36. Acted as a Member, Protocol and Security Committee, 1st Mohammad Quli Qutub Shah Memorial Lecture by Honorable Vice-President of India, Shri. M. Hamid Ansari at MANUU, Hyderabad on 13th April,2017.

37. Acted as a member, Editorial Board and Member, Organizing committee in Two-Days National Conference on "Emerging Trends and Issues in Information Technology & Communication" during 17-18th March,2018 organized by the Department of CS&IT, MANUU, Hyderabad.

Ph.D., Guidance

S.No.	Academic Year	Roll No.	Name of the Student	Course
1	2019	18PHCS005HY	Abdul Hakim	Ph.D.
2	2021	21PHCS002HY	Ismat Fatima	Ph.D.
3	2021	21PHCS003HY	Mohd. Mustafiz Ul Haque	Ph.D.
4	2022	M210016714	Somayajulu	Ph.D.

8. PATENTS:

Sl. No.	Details of Patent	International / National	Date of Filing/Published	Claimed Score
1.	Application No.: **201911022986** *"MOBILE, SMALL SIZE & RENEWABLE ENERGY BASED POWER GENERATING SYSTEM USEFUL FOR REMOTE AREAS"* Radhey Shyam Meena, Dr. Mohammad Israr, Dr. Niranjanamurthy M, Dr. S. Sheeba Rani, Dr. Ali Al Arjan, Dr. Hussein Alrobei, Dr. Mohamed A. Sharaf Eldean, Dr. Bonthu Kotaiah, Parul Gupta, Dr. Sudeshna Chakraborty , Dr. Rashmi Agrawal, M.Suresh, Dr. Vishal Jain, Dr. Ravindra Pathak, Dr. Nasir Abdul Jalil, Dr. Anshul Gangele, Dr. Vikas Garg, Poonam Meena	National	DoF:10.06.2019 DoP:21.06.2019	
2.	Application No.: **201941024047** *"NEURAL NETWORK BASED OPTIMIZATION METHOD FOR INJECTION MOLDING MANUFACTURING"*, Dr. Bonthu Kotaiah, Dr. K. Manivel, Dr. Neelamadhab Padhy, Dr. Piyush Kumar Soni, Dr. Prashant Kumar Shukla, Dr. Piyush Kumar Shukla, Dr. R. Vijayakumar, Dr. M. Vinoth Kumar, Dr. Rashmi Soni, Mr. Bhatt	National	DoF:18.06.2019 DoP:28.06.2019	

	Chiragkumar Harshadkumar, Mr. Arvind Kumar			
3.	Application No.: **201941024479** *"FUZZY NEURAL NETWORK BASED PID CONTROL SYSTEM AND METHOD THEREOF FOR INDUSTRIAL PROCESS CONTROL",* Dr. P. Chandra Sekhar Reddy, Dr. D. Nageswara Rao, Dr. Bonthu Kotaia, Dr. G. R. Sakthidharan, Dr. K. Kavitha, Dr. A. Sheela, Dr. T. V. Ramana, Dr. Prashant Kumar Shukla, Dr. Piyush Kumar Shukla, Dr. Suresh Kallam, Dr. Rizwan Patan, Dr. S. K. Dhakad, Dr. D Lakshmi Sreenivasa Reddy	National	DoF:20.06.2019 DoP:28.06.2019	
4.	Application No.: **202141058237** *"AUTOMATIC SALT SEGMENTATION WITH UNET IN PYTHON USING DEEP LEARNING",(A PROFICIENT ANALOGOUS MACHINE LEARNING-BASED BLOCK CHAIN FRAMEWORK),* Dr.Siva Shankar s, Dr. Surabhi Saxena. Dr. Bonthu Kotaiah, Dr. r. Juliana, Dr c Thirumalai Selvan, Dr.M.I.Thariq Hussan, Dr. Amjan Shaik, Dr. Syed Mohd Fazal Ul Haque	National	DoF:14.12.2021 DoP:04.02.2022	
5.	Application No.: **202241000065** *"MACHINE LEARNING BASED REAL TIME HOSPITALITY IMPROVEMENT SYSTEM FOR HOTEL INDUSTRIES",* Dr. Shahanawaj Ahamad, T. Jaya Lakshmi, Justyna Zywiolek, Joanna Rosak-Szyrocka, Dr. Bonthu	National	DoF:10.01.2022 DoP:04.02.2019	

	Kotaiah, Dr. Sheshang Degadwala			
6.	Application No.: **202221000887** "*E-LEARNING SYSTEM IN EDUCATION DURING COVID-19 PANDEMIC*",* Ramkishan Mukindrao Manjre, Iswarya.A.L,Dr.R.Ramki, Shaji A V, Anandan A P, BlJU P.J., Dr Anvar K, Dr Harikrishnan M, Dr. Raviprakash Dagdu saheb Thombre, Dr Bonthu Kotaiah	National	DoF:07.01.2022 DoP:28.01.2022	
7.	German patent Publication No. **DE202022100092U1** Grant Certificate No. **B1450 DE** **Title:** An Artificial Intelligence based breast cancer detection system, *"[DE] Ein auf künstlicher Intelligenz basierendes System zur Erkennung von Brustkrebs",* Baladhandapani, Aruna Devi, Coimbatore, IN ; Balaji, Prasanalakshmi, Abha, SA ; Chakrabarti, Prasun, Kolkata, IN ; Chakraborty, Swarnendu Kumar, Howrah, IN ; Haque, Syed Mohd Fazal Ul, Hyderabad, IN ; Kotaiah, Bonthu, Hyderabad, IN ; Kumar, Ravi, Guna, IN ; Ramakuri, Sravanth Kumar, Hyderabad, IN ; Sampath, Madhusudhanan, Chennai, IN ; Subramanian, Siva Shankar, Tirunelveli, IN ; Tribhuwan, Meghana Ramchandra, Vadodara, IN*	International	DoF:07.01.2022 DoP:21.02.2022	

8.	Design Patent Application No.: **356582-001** "*A PEN FOR CONVERTING TEXT INTO SPEECH*", Dr. Deepak Kumar Nayak Professor, Dr. Bonthu Kotaiah, Dr. Ravi Kumar, Dr Badugu Samatha, Dr. A. Rengarajan, Dr.Siva Shankar S	National	DoF:12.01.2022 DoP:10.03.2022	

1. **Patent Registered and Published heading:**

- **Patent Application:** 201941024047, **Title of the Invention: "NEURAL NETWORK BASED OPTIMIZATION METHOD FOR INJECTION MOLDING MANUFACTURING"**, filed on 18.06.2019. **Name of the Applicants: Dr. Bonthu Kotaiah of Department of Computer Science & Information Technology, Maulana Azad National Urdu University, Hyderabad, India, Nationality: Indian**; **Link: http://www.ipindia.nic.in/Notice.htm**

- Inventor and Applicant of the Patent, Publication Date-28.06.2019, **"FUZZY NEURAL NETWORK BASED PID CONTROL SYSTEM AND METHOD THEREOF FOR INDUSTRIAL PROCESS CONTROL",**
[Patent Publication Number-25/2019, Patent Application Number- 201941024479]
http://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus

- Inventor and Applicant of the Patent, Publication Date-21.06.2019, **"Mobile, Small Size & Renewable Energy Based Power Generating System Useful for Remote Areas"** [Patent Publication Number-25/2019, Patent Application Number- 201911022986] **http://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4763_1/Part-1.pdf, Page-25679.**

10. PROFILE SUMMARY
1. **8.9 Years** of work experience in Teaching and Research.
2. Experience in performance tuning web applications.
3. Experience in using **Jasper Reports**.
4. Competency in software linked to **Health Care domain.**
5. Experience in **XML transformation.**
6. Experience in **client side programming.**
7. Ability to work independently as well as in a team environment.

8. Creative, Flexible and able to work under tight schedules to meet deadlines.
9. Able to work even in odd timings with patience.
10. Comprehensive problem solving abilities, willingness to adapt.
11. Effective Teacher and Demonstrator.

TECHNICAL PROFICENCIES

Technologies	: C,C++ and Java,J2EE,JAXB,XML and XSLT.
Framework	: Struts.
Version Control	: CVS.
RDBMS	: PostgreSQL,SQLite,Oracle 9i,Ms-Access..
Operating Systems	: Windows,Ms-dos,LINUX(Red Hat, Fedora Core),UNIX.
IDE	: Eclipse.
Web	:HTML,DHTML,JAVA SCRIPT, VB SCRIPT, Ajax.
Packages	: Ms-Office.
Hardware:	: System Administration(Win 2k, Win-Xp), System Assembling , Trouble shooting, Formatting, Software Installation.
Tools	:UML.

Exposure To and research interests :

Software Engineering Concepts , Testing ,Datawarehousing and Data Mining, Operating System Concepts, Software Reliability, Artificial Neural Networks, Neural Networks, Fuzzy Logic, Neuro-Fuzzy Systems.

11. PROFESSIONAL/TEACHING EXPERIENCE

1. Worked as a Corporate Trainer cum Project guide(Java and Oracle) in NIIT, GUNTUR from March,1999 to September 2001.

2. Worked as Data Transcription Supervisor(Medical) from September 2001 to 2002 December in COSS(Complete Open Source Solutions), Aditya Trade Center, Ameer Pet, Hyderabad.

3. Completed Short term course on "Foundations of Efficient Software Development" under Continuing Education Programme(CEP) at Indian Institute of Technology(IIT), Hyderabad.

4. Worked as Computer Programmer in Acharya Nagarjuna University(ANU), Guntur from 07.09.2009 to 31.12.2013.

5. Worked as Assistant Professor in Department of Computer Science & IT, Maulana Azad National Urdu University(MANUU), Hyderabad from 03.02.2014 to 22.12.2022.

12. Details of Ongoing Projects, if any:

S.No.	Title of Research Projects	Major/ Minor (As per UGC Guidelines)	Your Status (Principle Investigator, Joint etc., specify)	Period	Details of Sanctioned Grant including name of the Funding Agency
1	The Implementation and Automation of Software Reliability Assessment model using Neuro Fuzzy System	Minor Research Project (University Sanction Letter No.MANUU/ Acad./F.404/2016-17/212, dated 06.12.2016)	Principal Investigator	1 year	Rs.1,05,000/-(UGC)

13**. Memberships of Academic Bodies:**

1. IEEE Life Time Member.
2. ACM Member.
3. Springer Annual Member.
4. Elsevier S.T.(Science and Technology) Member.
5. Review Board member of different peer-reviewed journals.

   MoUs signed : 1. PHRPL, Placement Consultancy, Hyderabad.

14. Any other major achievements

1. Delivered a Guest Lecture in Department of Computer Science, Telangana University, Telangana, India on 1st April 2015 on "Free and Open Source Software".
2. Delivered a Guest Lecture in Department of Computer Science & Engg., Telangana University, Telangana, India on 09th May 2015 on "E-Commerce: Present, Past and Future".

3. Delivered a Guest Lecture on November, 27th and 28th 2014 at Department of Computer Science, Singareni Collieries Women's Degree & PG College, Kothagudem. Khammam Dt., Telangana on "E-Commerce" and attended as a chief guest in the valedictory session.

4. Cleared UGC- NET(Computer Science and Applications) with Regd. No.42870188 in December,2012.

5. Cleared APSET(Computer Science and Applications) with Regd. No.160405739 in July,2012.

6. Got RGNF(Rajiv Gandhi National Fellowship) for SC/ST Candidates for the year 2012-13, Enrollment No. RGNF-2012-13-SC-AND-16506, dated 06.06.2012. Got Full-time Ph.D. fellowship amount of Rs.8000/- from University.

7. Acted as paper setter for UG, PG Examinations of Kakatiya University, Warangal and Telangana University, Nizamabad and MANUU, Hyderabad(Java Programming, PPL,Artificial Intelligence, Computer Networks, C, C++, Linux Programming, STQA, DBMS, Information Security etc.,).

8. Acted as Evaluator to evaluate MCA IInd Year Ist Semester Examinations of Kakatiya University, Warangal for Dec.,2016 examinations(Total Scripts Values: 3509).

9. Acted as Evaluator to evaluate MCA, B.Tech. Examinations Answer Scripts of MANUU from 2014 to till date.

10. Acted as Evaluator to evaluate MCA Ist Year IInd Semester Examinations of Kakatiya University, Warangal for Oct.,2016 examinations(Total Scripts Values: 1902).

11. Acted as paper setter for UG(B.Sc.-1st Year) , PC Software & C Programming for May-2017 examinations, Lr. No.735/Tu/Exam_Br./NZB/2017 for Telangana University, Nizamabad.

12. Acted as paper setter for PG(MCA-1st Year) , CP & PS, P & S,OOPS with C++ for Nov/Dec.,-2016 examinations, Lr. No.735/Tu/Exam_Br./NZB/2016 for Telangana University, Nizamabad.

13. Acted as paper setter for UG(BA.B.Sc,-1st Year) , Computer Applications-I,II,III & IV for Mar./Apr.,-2017 examinations, Lr. No.735/Tu/Exam_Br./NZB/2017 for Telangana University, Nizamabad.

14. Acted as paper setter for PG(MCA.-IVth Semester(4(a))) , Software Reuse Techniques for May-2017 examinations, Lr. No.735/Tu/Exam_Br./NZB/2017 for Telangana University, Nizamabad.

15. Acted as paper setter for UG II & III Year Regular Examinations, Mar/Apr 2017 for C Language, Lr. No.398/TU/Exam_Br./NZB/2017 for Telangana University, Nizamabad.

16. Acted as paper setter for PG(MCA.-Vth Semester(01)) , Software Testing for May-2017 examinations, Lr. No.735/Tu/Exam_Br./NZB/2017 for Telangana University, Nizamabad.

17. Acted as paper setter for PG(MCA) June/July-2017 examinations, Lr. No.735/Tu/Exam_Br./NZB/2017.

18. Acted as Practical Examiner for MCA II Year II Semester Examinations for Web Technologies(WT), Data Mining(DM) Lab for Department of Computer Science, Kakatiya University, Warangal.

19. Acted as Practical Examiner for CSE students of Polytechnic for System Admin. Lab, Web Designing Lab, Comp. H/W & N/W. Lab, Information Technologies(IT) Lab, Lab for Department of CSE, Polytechnic, MANUU, Hyderabad for the Nov-2015 Exams.

20. Acted as Practical Examiner for MCA I Year I Semester Examinations for PSP, IT Lab, Open Source Lab for Department of Computer Science, Kakatiya University, Warangal from 28.02.2015 to 02.03.2015.

21. Acted as Practical Examiner for MCA I Year I Semester Examinations for Department of Computer Science, Kakatiya University, Warangal from 10.02.2016 to 11.02.2016, PSP Lab and IT Lab, Open Source Labs.

22. Acted as Practical Examiner for MCA III Year II Semester Project Viva-voce Examinations for Department of Computer Science, Kakatiya University, Warangal on 12.04.2016.

23. Acted as Practical Examiner for MCA II Year II Semester Examinations for Web Technologies(WT), Data Mining(DM) Lab for Department of Computer Science, Kakatiya University, Warangal from 10.08.2016 to 11.08.2016.

24. Acted as Practical Examiner for MCA II Year II Semester Examinations for Web Technologies(WT), Data Mining(DM) Lab for Department of Computer Science, Kakatiya University, Warangal from 21.02.2017 to 22.02.2017 and from 25.02.2017 to 26.02.2017.

25. Acted as Practical Examiner for MCA II Year II Semester Examinations for Web Technologies(WT), Data Mining(DM) Lab for Department of Computer Science, Kakatiya University, Warangal from 22.05.2017 to 23.05.2017.

26. Acted as MANUU Kabadi Club Co-ordinator, School of CS & IT, MANUU, Hyderabad for the selection of teams on 20.08.2014 at Sports Complex, MANUU.

27. Acted as MANUU Indoor Games Club Co-ordinator, School of CS & IT, MANUU, Hyderabad for Badminton, Table Tennis and Chess for Inter University tournaments on 03.09.2014 at Sports Complex, MANUU.

28. Acting as Internal Examiner for labs like Linux, Prolog, C, Java, C++, .Net,Web Technologies, PC Software Lab,Data Structures, UML. MCA Major Projects etc., at MANUU and other state universities.

29. Acted as Evaluator for UG, PG Examinations of Kakatiya University, Warangal and Telangana University, Nizamabad.

30. Acted as Class Co-ordinator for MCA, B.Tech. For different semesters, School of CS & IT, MANUU, Hyderabad.

31. Acted as Chief Examiner for UG, PG Examinations of Kakatiya University, Warangal and Telangana University, Nizamabad for August, 2017 examinations(Answer Scripts valued: 604, order No. 672/Spot/Exams/KU/2017, dated 30.08.2017).

32. Acted as Practical External Examiner for MCA II Year IV Semester Examinations, Dec.,2015 for Web Prog. Lab(WP), Linux in Department of Computer Science, Telangana University, Nizamabad on 01.04.2015.

33. Acted as Practical External Examiner for MCA/BCA, May 2016 Examinations in Department of Computer Science, Telangana University, Nizamabad on 25.07.2016.

34. Acted as Practical External Examiner for MCA III Year II Semester & BCA III Yr./II Sem. Project Viva Examinations, May.,2016 at Dept. of Computer Science, Telangana University, Nizamabad on 09.05.2016.

35. Acted as Practical External Examiner for B.Sc. I Year I Semester Examinations, 2015 for C Programming in School of Sciences, MANUU on 19.02.2016 at Lab-I, Lecture Hall Complex, MANUU.

36. Acted as Practical External Examiner for B.Sc. II Year I Semester Examinations, 2015 for C Programming in School of Sciences, MANUU on 25.08.2016 at Lab-II, Lecture Hall Complex, MANUU.

37. Acted as Practical External Examiner for M.Sc. Ist Semester Practical Examinations, 2014 for C Programming in School of Sciences, MANUU on 05.12.2014 at Lab-II, Lecture Hall Complex, MANUU.

38. Acted as paper setter for PG(MCA) Nov/Dec-2016 examinations for Operations Research(OR), Lr. No.735/Tu/Exam_Br./NZB/2017.

39. Acted as paper setter for UG(BCA - Vth Semester) , Web Technologies for Dec-2016 examinations, Lr. No.735/Tu/Exam_Br./NZB/2017 for Telangana University, Nizamabad.

Awards/Prizes/Honours/Recognitions: Total: 2

1.**"BEST RESEARCHER"** award by ESN Research Group, Chennai for the appreciation and recognition of outstanding contribution in the field of Research and Development on 28.09.2019, received from Dr. D.P. Kothari, Ex-Director, IIT-Delhi(President - ESN Awards). -

2.**"BEST RESEARCHER"** award by Tejasvi Astitva Foundation, New Delhi for the academic excellence for extraordinary contribution in Education(Software Engineering) towards the development of Bharat - in True Sense on 21.12.2019 at Hyderabad, received from Dr. R. Srinivas, Joint Secretary(SERC), New Delhi.

Industrial Training Program completed:

Name of the Industry/ Agency/Firm etc	Duration of Course		No. of Weeks
	From	**To**	
Bharat Sanchar Nigam Limited (BSNL)	26.07.2021	13.08.2021	3