Name of Faculty	Dr. B.Indira	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	27 – 06 - 2018	
E-mail	bindira_mca@cbit.ac.in	

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSC)	Awarded
PG	MCA	First
UG	B. Sc. (Elec)	First

Work Experience	
Teaching	26 Years
Research	11 years
Industry	--
Others	--

Area of Specialization	Data Structures, Artificial Neural Networks
Professional Memberships	1. Member, IAENG Number: 255609, 2. Internet Society (Life time member of Asia – Pacific Region- member of Chennai chapter)- 2222714 3. Is an I2OR Ed-Tech Community member w.e.f April 2021 – I2OR/ETCM-834
Responsibilities held at Institution Level	1. Member Campus decoration Committee 2019,2020, 2. Member Disciplinary Committee 2020 3. Member - PCC
Responsibilities held at Department Level	1. HoD, MCA 2. Coordinator, R&E, 3. Mentor 4. Class Incharge 5. Member, NAAC, Criteria 7&8 6. Member, DRC, 7. Member, PAC 8. Member, CEG 9. Member – ARIIA 10. Member -IIC
Research Guidance	Ph D: Awarded - 03, Guiding - 05
Awards Received	"Bharat Ratna Mother Teresa Gold Medal Award", December, 2018.
Courses Handled at Under Graduate / Post Graduate Level.	Design and Analysis of Algorithms, Data Structures, Data Warehousing and Data Mining, IOT, Middleware Technologies
No. of Papers Published	National Journals – 8 International Journals – 47 National Conference – 07 International Conference – 06
Projects Carried out	1. Minor research project entitled "A Study on the effective use of ICT for education and learning purpose in various schools and colleges of Hyderabad and Secunderabad" sponsored by UGC with a financial assistance of Rs. 213500/- granted for the year 2017-2018.
Patents	1. Application Number: 201911050942, "Medical Problems Detection Using Machine Learning Techniques", Publication Date 20/12/2019. 2. Application Number: 202041031963, "An IOT based Novel Framework for Monitoring Behavior of Autism Effected Persons", Publication Date 21/08/2020. 3. Application Number: 202241000469, "Detection and classification of diabetic retinopathy from fundus images using optimized 3 sigma and NN method", Publication Date 04/02/2022.

Technology Transfer	--
Invited Speaker	1. Lecture on "Data structures and its applications" on 27th and 28th July,2020 for B.Sc second year students of Telangana Social Welfare Residential Degree College for Women, Korutla/Jagitial.
No. of Books/Chapter Published with details	1. Dr.B.Indira, Dr Keshetti Srikala, CNVBR Sri Gowrinath, Ramesh Ponnala published a book titled, "Data Structures and Algorithms using 'C' ", published by Scientific International publishing House, May 2022, ISBN No: 978-93-5625-164-9. 2. Shalini and B. Indira published a book titled " Fundamentals of C" for B.Com (CS) common core syllabus of Andhra Pradesh State Universities, being published by Kalyan Publishers, New Delhi, 2012, ISBN: 978-81-272-6354-6. 3. Prof. N. Vijaya and B. Indira contributed a chapter entitled "ICT: A Tool for Enhancing Women's Educational Opportunities – An Overview" in the book "Gender Issues: Empowerment of Women" being published by Serial Publications, 2014. PP. 33-45, ISBN: 978-81-8387-656-8. 4. B. Indira contributed a chapter entitled "The Role of ICT to enhance Knowledge Management in Higher Education" in the book "E-commerce – Impact on Economic Development" being published by Archers and Elevators Publishing House, 2015. PP. 34-37, ISBN: 978-93-83241-87-3. 5. B. Indira contributed a chapter entitled "Opportunities and Challenges in Enhancing Employability Skills Using ICT" in the book "Resurgent India through Fostering Innovation and Entrepreneurship" being published by Archers and Elevators Publishing House, 2016. PP. 18-21, ISBN: 978-93-85640-53-7. 6. B. Indira contributed a chapter entitled "Impact of Cyber-attacks in Indian banking sector – An overview" in the book "Role of Technology in Banking and Financial Services" being published by Archers and Elevators Publishing House, 2017. PP. 6-9, ISBN: 978-93-85640-99-
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (**Attended and/or Organized**).	**WS/Seminars/Conferences/STTPs/FDPs/Others Organized / attended:** 1. Organized an Online Technical Quiz "Techwizz-2021" on 10th July 2021. 2. A Two-day Online Hands-on National Workshop on " Workshop on Python Programming" conducted by the department of MCA during 16th to 17th July 2021. 3. Organised Cyber Security FDP during 7th July to 12th July 2020 jointly with MGIT. 4. 28-06-2021 to 3-07-2021 - participated in National level online FDP on "Multi Tecnology" organized by Department of CSE, Sreedevi women's engineering college, Hyderabad in association with National Youth Council of India and Brain-O-Vision Solutions India Pvt. Ltd. 5. 24-06-2021 to 28-06-2021 - participated in 5 day International workshop on "Building Data-Driven Solutions Using Data Analytics with ML and DL Algorithms" organized by Department of CSE, CBIT (A), Hyderabad. 6. 17-05-2021 to 5-6-2021 - participated in 3 weeks International FDP on " Research Perspectives on AI, ML, Data Science and IOT" organized by Department of Electronics and Computer science, KL university, Guntur. 7. 8-6-2021 to 12-6-2021 - participated in 5 days Faculty Development

Webinar on "Intelligent Systems for Sustainable Development" organized by Department of CSE & IT, St Peter's Engineering College, Hyderabad.

8. 22-5-2021 - participated in the Work shop on "Data Analytics" organized by Department of IT, MGIT, Gandipet, Hyderabad in association with Pantech E learning, Chennai.

9. 26-4-2021 to 01-5-2021 - participated in One Week online STTP on "Design of Soft Computing Based Machine Learning Models" Sponsored by AICTE, organized by Department of ECE, PIET.

10. 25-04-2021 – attended a workshop on "Digital Age Student Empowerment Futures: Additive Curriculum Approach" and "Google for Education: Becoming a Google Certified Educator" EDUCLOUDS ED-TECH EVENT 2.0.

11. 24-04-2021- has successfully completed participating in "The Guinness World Record Event – Most users to take an online computer programming lesson in 24 hours" on April 24th 2021 6PM to April 25th 6PM.

12. 3-04-2021 to 4-04-2021 – Attended and acted as Co-Chairperson for a session on "Artificial Intelligence and Deep Learning" in first International Conference ETCTA-2021 organized by Chaitanya Bharathi Institute of Technology(A), Gandipet, Hyderabad

13. 3-04-2021 to 4-04-2021 – Presented a paper entitled "Smart Farming using IOT and Machine Learning" in first International Conference ETCTA-2021 organized by Chaitanya Bharathi Institute of Technology(A), Gandipet, Hyderabad

14. Is an I2OR Ed-Tech Community member w.e.f April 2021.

15. 20-3-2021- attended one day National Summit on "Cyber Security: Issue of concern for Business Challenges, Opportunities & Remedies" organized by Institute of Technology and Science, Mohan Nagar, Ghaziabad.

16. 8-3-2021 to 13-3-2021 - attended One Week International Conference on " Global Collaborations in Science, Technology, Education, Mathematics & Humanities to Advance the Frontiers of Knowledge & Innovation" organized by Saint Francis De Sales College, Nagpur.

17. 22-2-2021 to 26-2-2021 – participated in AICTE Training And Learning (ATAL) Academy Online FDP on "Data Science" at university college of engineering, Osmania university.

18. 28-12-2020 to 29-12-2020 - participated in an International Conference CHSN2020 and presented a paper "Organizing IOT Health Care Based on FOG Computing: Corona Tasks Scheduling Based on the Priority" organized by JNTU, Kakinada, AP, India

19. 14-12-2020 to 19-12-2020- Participated in one week Online AICTE sponsored Faculty Development Programme on "Data Science for Big Data Analytics in Cloud using Advanced Tools" organized by Department of CSE, CBIT(A), Hyderabad, India.

20. 23-11-2020 to 05-12-2020- Participated in Two week Online AICTE sponsored Faculty Development Programme on "Data Science using Python" organized by Department of Information Technology, Shri Vishnu Engineering College for Women, Bhimavaram, India.

21. 2-12-2020 to 3-12-2020 - participated in a National Conference on "Essence of Mathematics and Engineering Applications" organized by Department of Mathematics, Koneru Lakshmaiah Education Foundation.

22. 20-11-2020- attended "Online Symposium on Challenges in Underwater Networks" organized by the Department of Computer Science, Dr. G. R. DAMODARAN COLLEGE OF SCIENCE (AUTONOMOUS), Coimbatore-641 014

23. 29-10-2020 to 30-10-2020 – attended an International Conference on Advances and Applications of Artificial Intelligence and Machine Learning, organized by at Sharda University Uttar Pradesh, Greater Noida.

24. 17-10-2020 to 18-10-2020 - Chaired the Session for the Technical Session – 1 on "IoT" and reviewed papers, presented a paper entitled "Identification of tourists from public commuters using transport data and predicting the next tour", in a two day International online conference on "Emerging Trends in Information Technology" conducted by Integrated Learning Systems in collaboration with International Journal of computer Engineering and Applications, Hyderabad.

25. 17-10-2020- attended Online Digital Conclave on "Convergence of Science, Technology and Humanities: A Roadmap for Future Development", organized by Institute of Technology & Science,

Mohan Nagar, Ghaziabad.

26. 25-09-2020 to 26-09-2020 – Participated in Two Day National Level Online Workshop on Insightful Rudiments of Originating Google Forms & Generating Certificates- A Horde of Approaches Adaptable for Online Academic Motives organized by Department of Humanities & Sciences, Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana, India.

27. 7-09-2020 to 21-09-2020 – Participated in Online (50 hrs/15 days) Faculty Development Programme On Data Science & Its Applications In STEM conducted by Andhra University College Of Engineering (A),Andhra University and University Engineering College -Vizianagaram, JNTUK, Kakinada in association with APSCHE (Andhra Pradesh State Council of Higher Education).

28. 28-08-2020 to 29-08-2020 – Attended 2 days AICTE sponsored National Conference on "Recent Advances in Computer Science & Engineering", and presented a paper entitled "Robust Frequent Item set mining on Massive Data", organized by Department of CSE, Chalapathi Institute of Engineering & Technology.

29. 21-08-2020 to 22-08-2020 – Attended 2 days AICTE sponsored National Conference on "Next Generation Computing Technologies and their Role in Nation Development", organized by Institute of Technology & Science, Ghaziabad.

30. 03-08-2020 to 07-08-2020- Participated in Online Training on "Deep Learning using Python" organized by Apptronix Technologies in association with MGIT, Hyderabad.

31. 03-08-2020 to 08-08-2020- Participated in one week Online Training on "Basics of Python Programming" organized by SA Techno Solutions in association with Techi Sugan.

32. 27-07-2020 to 1-08-2020- Participated in one week Online Short Time Training
 Programme on "Recent Advancements in Internet of Things for Healthcare Applications" organized by the Department of ECE, Mount Zion College of Engineering and Technology, Tamil Nadu.

33. 27-07-2020 to 31-07-2020- Participated in one week Online Faculty Development Programme on "Data Science Fundamentals" organized by the Department of Information Technology, St. Joseph's College of Engineering in association with ISTE, Tamil Nadu Section.

34. 27-07-2020 to 31-07-2020- Participated in one week Online Faculty Development Programme on "Ethical Hacking and Data Security" organized by department of IT, MGIT in association with Pristine Infosolutions.

35. Delivered an extension lecture on "Data structures and its applications" on 27th and 28th July,2020 for B.Sc second year students of Telangana Social Welfare Residential Degree College for Women, Korutla/Jagitial.

36. 20-07-2020 to 25-07-2020- Participated in one week Online Short Term Training Programme on "Big Data and Hadoop" organized by the Department of CSE, Institute of Engineering & Science, IPS Academy, sponsored by AICTE, New Delhi.

37. 25-07-2020 - Participated in one day "Hands-on Free workshop on Python" organized by department of CSE, MGIT in association with Brainovision solutions.

38. 20-07-2020 to 24-07-2020- Participated in one week Online Faculty Development Programme on "Cyber Attacks and Digital Forensics" organized by department of IT, MGIT in association with Indian Servers.

39. 15-07-2020 to 16-07-2020- Participated in Two Days Online Workshop on "Free and Open Source Alternative for Web Conferencing and Teaching Learning" organized by department of CSE, MGIT.

40. 13-07-2020 to 17-07-2020 - Participated in a One Week Online Faculty Development Program on "Evolution of IOT and It's Real Time Applications" organized by Department of CSE, Malla Reddy Institute of Technology and Science, Hyderabad.

41. 07-07-2020 to 12-07-2020 - Organized a One Week National Online Faculty Development Program on "Cyber Security" jointly with Department of CSE, MGIT in association with Supraja Technologies.

42. Got an appreciation certificate from Supraja Technologies for organizing one week FDP on "Cyber Security"

43. 07-07-2020 to 12-07-2020 - Participated in a One Week National Online Faculty Development Program on "Cyber Security" organized by Department of MCA, CBIT (A), Department of CSE, MGIT in

association with Supraja Technologies.

44. 06-07-2020 to 10-07-2020 - Successfully participated & completed online one-week workshop on "Arduino" held by Department of Electrical Engineering, SKN Sinhgad College of Engineering, Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai.

45. 06-07-2020 to 10-07-2020 - participated in a One Week National Level Online Workshop on "Yoga - A Science of Breath and Meditation for Subtle Energy Channeling", organized by Department of Computer Science and Engineering in association with Datta Kriya Yoga International Center, Mysore and Impact Foundation, Hyderabad.

46. 29-06-2020 to 4-07-2020 - Participated in a One Week online Faculty Development Program on "ICT Tools for Technology Infused Learning V 2.0" organized by Department of Electronics & Communication Engineering, Saveetha Engineering College.

47. 27-06-2020 to 10-07-2020 - Participated in a Two Week online Faculty Development Program on "INTERNET OF THINGS" organized by Department of Electronics & Communication Engineering, VIKAS College of Engineering and Technology.

48. 22-06-2020 to 05-07-2020 - Participated in a Two Week online Faculty Development Program on R Language and RStudio conducted by the Department of Computer Science and Engineering, Cambridge Institute of Technology, Bangalore in association with Spoken Tutorial Project IIT Bombay. (Received a merit certificate)

49. 22-06-2020 to 05-07-2020 - Participated in a Two Week online Faculty Development Program on Python conducted by the Department of Electronics and Communication Engineering, JSS Academy of Technical Education, Noida and Spoken Tutorial Project IIT Bombay funded by National Mission on Education through ICT, MHRD, Govt of India.

50. 29-6-2020 to 3-7-2020 – One Week Online Short Term Course on "Block Chain and Machine Learning", organized by Dept. of CSE, Gurukula Kangri Viswavidyalaya, Haridwar in Technical collaboration with IBM & AICTE.

51. 28-6-2020 to 2-7-2020 – One Week Faculty Development programme on "Role of Machine Learning & Data Sciences in AI", organized by Department of CSE and M&H, MGIT, Hyderabad

52. 28-6-2020 to 2-7-2020 – One Week online Refresher Course on " Bharatiya Chaitanyam", organized by Geervana Bharathi of Chaitanya Samskruthi of CBIT, Hyderabad.

53. Faculty Development Programme on "Fundamentals of Artificial Intelligence", Sep-Dec 2020, NPTEL-AICTE Online FDP Course (12 Week)

54. Organized one week National Level FDP on Cyber Security jointly By CSE MGIT in association with Supraja Technologies from 7-12-2020 to 12-7-2020.

55. Successfully Completed Machine learning Specialization and 15 Plus coursera courses

56. 22-6-2020 to 26-6-2020 – Five day Online Short Term Training Program on "Recent Trends in Data Science and Information Security" conducted by RAIT, Navi Mumbai, Maharashtra.

57. 22-6-2020 to 26-6-2020 – Five day Online Faculty Development Program on "Natural Language Processing behind Data Science" conducted by Codegnan IT Solutions, in association with Bonam Venkata Chalamayya Institute of Technology & Science, Kakinada.

58. 17-06-2020 to 25-06-2020 - Online Webinar cum Workshop on "Data Science using Python" for faculty members using Microsoft Teams Platform Organized by Amrita College of Engineering and Technology, Nagercoil and Hebeon Technologies, Hyderabad

59. 13-6-2020 to 17-6-2020 – One Week Faculty Development Programme on "Next Generation Software Tools & Trends for Industrial Solutions: Current Practices" conducted by department of Computer Science and Engineering, Government College of Engineering, Aurangabad.

60. 17-06-2020 - Online Workshop on Social Responsibility and Community Engagement conducted by "Chaitanya Bharathi Institute of Technology" and Scored 100% in the Quiz.

61. 3-6-2020 to 16-6-2020 -Two week Faculty Development Programme on "Multimedia and Drawing" organized by Department of Computer Science, Government First Grade College, Harihara in association with spoken tutorial IIT Bombay (An Initiative of National Mission on

Education through ICT, MHRD, Govt. of India) under the scheme of PMMMNMTT.

62. 13-6-2020- A Short course on "Learn to Design Your Own Solar Home System" as part of Energy Literacy Drive of the Energy Swaraj Foundation.

63. 8-6-2020 to 9-6-2020 –two day online FDP on "Effective Technical Report Writing using Latex" organized by Department of Electronics and Communication Engineering , MGIT, Hyderabad

64. 10-6-2020 to 13-6-2020 – Faculty Development programme on "Technology Towards Common Man" conducted by department of Instrumentation and Control Engineering, Sri Manakula Vinayagar Engineering College, Puducherry.

65. 5-6-2020 to 11-6-2020 – one week National online Faculty Development programme on "Python Programming" organized by Dept. of Computer Science, Government College For Women, Kolar, Karnataka in association with Spoken Tutorial IIT-Bombay

66. 1-6-2020 to 6-6-2020 - A one week National level online Faculty Development programme on "Internet of Things and Artificial Intelligence Applications" organized by Department of Computer Engineering, KL Deemed to be university, Guntur.

67. 1-6-2020 to 7-6-2020 –"Short Term Training on Internet Of Things" conducted by Apptronix Technologies in collaboration with A.G Patil Institute of Technology, Solapur.

68. 5-6-2020 to 7-6-2020 – online Faculty development programme on "IoT, AI & ML: Industrial Perspective" Organized by the Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor

69. 5-6-2020 to 6-6-2020 – online Faculty programme on "Outcome Based Education" by Sri Mankula Vinayagar Engineering College, Puducherry

70. 28-05-2020 t0 1-06-2020 -A One Week Online Faculty Development Program on "OUTCOME BASED EDUCATION AND NBA ACCREDITATION PROCESS -(UG)" organized by CBIT (A)-Hyderabad

71. 25-5-2020 to 29-5-2020 – 5 day online STTP on "Recent Trends and Applications of Machine Learning and Deep Learning in IT" organized by department of Information Technology, RAIT, Navi Mumbai.

72. 23-5-2020 – 3 day online Faculty Development programme on "Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop" through IIT Bombay BodhiTree platform, organized by PMMMNMTT, IIT Bombay.

73. 22-5-2020 to 26-5-2020 – 5 day National level online Faculty Development programme on "Artificial Intelligence" organized by Depts. of MCA,CSE and IT of Chaitanya Bharathi Institute of Technology

74. 20-5-2020 to 24-5-2020 – one week online Faculty Development programme on "Introduction to Computers" by Shriram Institute of Engineering & Technology Centre, Paniv

75. 18-5-2020 to 22-5-2020 – 5 day online Faculty Development programme on "Hands on FDP: Data Science Using Python" organized by Dept. of Information Technology of Jeppiaar Institute of Technology (Got merit certificate)

76. 18-5-2020 to 23-5-2020 – one week online Faculty Development programme on "PHP and MySQL" organized by Dept. of Computer Science and Engineering, JNTUH College of Engineering, Jagtial in association with Spoken Tutorial IIT-Bombay

77. 18-5-2020 to 22-5-2020 – online Faculty Development programme on "Artificial Intelligence and Machine Learning" organized by Dept. of Computer Science, CMRTC, Hyderabad

78. 5-5-2020 to 14-5-2020 -Online FDP on "Machine Learning and Its Applications" from 2-5pm organized by EICT IIT Roorkee

79. "Foundations to Open Education and OERs Repositories" organized by UNED Abierta in association with IEEE Education Society in the month of April 2020.

80. SQL, HTML Courses from Solo Learn, April 2020

81. "Python 3 Tutorial" Course from Solo Learn, March 2020

82. Faculty Development Programme on " Computer Networks and Internet Protocol (CNIP)", Jan-April 2020, NPTEL-AICTE Online FDP Course (12 Week)

83. Faculty Development Programme on " NBA Accreditation and Teaching-Learning in Engineering (NATE)", Jan-April 2020, NPTEL-AICTE Online FDP Course (12 Week)

84. Faculty Development Programme on " Industry 4.0 and Industrial Internet of Things (IIOT)", Jan-April 2020, NPTEL-AICTE Online FDP Course (12 Week)
85. Attended various MHRD IIC Cell, Leadership Talks, NPTEL Live Series, Online Quizzes and many Webinars during the COVID 19 Lockdown

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

International / National Journals from the Year 2017

1. T. Vamshi Mohana and Baddam Indira published a paper entitled "Study And Analysis of Impact of Bigdata on social media", Journal of XIAN University of Architecture and Technology", JXAT journal, ISSN 1006-7930, Volume XIII, Issue 12, December 2021, Impact factor 3.7, Page No: 154-168, https://www.xajzkjdx.cn/Vol-13-Issue-12-2021/ (Scopus Indexed)
2. T. Vamshi Mohana and Baddam Indira published a paper entitled "Understanding The Social Media Marketing Strategies And Big Data", in JOURNAL OF ENGINEERING, COMPUTING & ARCHITECTURE, ISSN NO:1934-7197, impact factor 6.1, VOLUME 11, ISSUE 12, December, 2021. PP 60-67. http://journaleca.com/Volume-11-Issue-12-DECEMBER-2021/
3. T. Vamshi Mohana and Baddam Indira published a paper entitled "Analysing Different Techniques Of Analysing The Large Social Media Information Through Big Data Analytics", in GIS SCIENCE JOURNAL, ISSN NO : 1869-9391, VOLUME 8, ISSUE 12, December, 2021. PP 328-334. http://www.gisscience.net/VOLUME-8-ISSUE-12-2021/
4. KESHETTI SREEKALA and B. INDIRA published a paper entitled "Organizing Iot Health Care Based On Fog Computing: Corona Tasks Scheduling Based On The Priority", in Advances and Applications in Mathematical Sciences Volume 20, Issue 12, October, 2021, ISSN No. 0974-6803, Pages 3194-3204 © 2021 Mili Publications, India. (Web of Science)
5. Dr.B.Indira & Sandeep Kalari published a paper entitled "Hydroponics Farming using IOT and Temperature Prediction" in Pensee International Journal, Volume 51, Issue 7, July 2021, www.penseesearch.com ISSN 0031-477, impact factor 6.0, https://penseeresearch.com/index.php/vol51issue7-1/, PP 363-371.
6. Dr.B.Indira & T.Sirisha published a paper entitled "Identification of Tourists from Public Commuters using Transport Data and Predicting Next Tour", International Journal of Computer Engineering and Applications, Volume XIII, Issue VI, November. 2020, www.ijcea.com ISSN 2321-3469, **impact factor 0.675,** PP 1-9.
7. Dr.B.Indira and Prof. M.V.Ramana Murthy published a paper entitled "Integrating IOT and FOG Computing for solving time sensitive Applications : The need of the hour" in Journal of XIAN University of Architecture and Technology", JXAT journal, ISSN 1006-7930, Volume XII, Issue XI, November 2020, **Impact factor 3.7,** Page No: 453-462, https://doi.org/10.37896/JXAT12.11/29747 (Scopus Indexed)
8. Dr.B.Indira, Dr. D. Lalitha Devi and prof.S. Jeelani published a paper entitled "A Statistical Case Study on Usage of ICT in Teaching in Various Schools and Colleges of Secunderabad and Hyderabad" Science and Engineering Journal**,** ISSN NO: 0103-944X, **Impact Factor 4.321,** pp. 38-45, Vol. 24, Issue 09, September, 2020 (Scopus Indexed)
9. Dr.B.Indira and M.Surya Teja published a paper entitled "Robust Frequent Item set Mining on Massive Data" in International Journal for Modern Trends in Science and Technology, Vol. 6, Issue (8S), PP:149-155, August, 2020, **Impact factor 4.175**, ISSN: 2455-3778 online DOI: https://doi.org/10.46501/IJMTSTCIET29,
10. Dr.B.Indira and Dr. D. Lalitha Devi published a paper entitled "Students Response Towards ICT Based Education Among Various Schools and Colleges in Hyderabad-A Case Study" in International Journal of Scientific Research, **Impact Factor 4.321,** ISSN2277-8179,, pp. 184-187, Vol. 8, Special Issue 12, December, 2019
11. A.Jyothi and Dr. B.Indira Published a paper entitled "An Automated VM Security Framework for Live Migration" in International Journal of Innovative Technology and Exploring Engineering (IJITEE), **Impact Factor 6.088,** ISSN : 2278 -3075, pp. 2029-2037, Vol. 8, Issue 11, September, 2019 (Scopus Indexed)
12. Arati Kothari and Dr. B. Indira published a paper entitled "A Unique Six Sigma Based Segmentation technique for Brain Tumor Detection and Classification using Hybrid CNN-SVM Model" in International Journal of Recent Technology and Engineering (IJRTE), **Impact Factor 5.92,** pp 35-40, ISSN. 2282-2287, Vol. 8, Issue 2, July, 2019. (Scopus Indexed)
13. Mohammed Shafeeq Ahmed and Baddam Indira published a paper entitled "Detection and Classification of Exudates by Extracting the Area from the RGB Fundus Images", in International Journal of Recent Technology and Engineering (IJRTE), **Impact Factor 5.92,** PP. 2277-3878, ISSN 2282-2287, Vol. 8, Issue 1, May, 2019. (Scopus Indexed)
14. K. Swathi and Dr. Baddam Indira published a paper entitled "Approach to build a Model Using Data Science/ Machine learning" in International Journal of Management Technology and Engineering, **Impact Factor 6.3,** Volume IX, Issue I, ISSN 2249- 7455, January – 2019.
15. A.Jyothi and Dr. B.Indira Published a paper entitled "A Two Way Validation Framework For Cloud Storage Security" in International Journal of Engineering and Technology, **Impact Factor 6.088,** ISSN : 2227-524X, pp. 236-242, Vol. 7,(2.2), 2018 (Scopus Indexed)
16. Dr.B.Indira, Prof.S.Jeelani published a paper entitled "Perspective of ICT in Teaching and Learning" in International Journal of Multidisciplinary Studies, **Impact Factor 4.321,** ISSN 2348-1390, pp. 184-187, Vol. 5, Special Issue 5, April, 2018.
17. Ms. Shalini, Dr.B.Indira published a paper entitled "Implementation of Hindi word Recognition and Classification using Artificial Neural Network" in International Journal of Pure and Applied Mathematics", **Impact Factor 7.19,** ISSN 1311-8080 (printed version), ISSN : 1314-3395 (on line version) Vol. 117, No.15, 2017. (Scopus Indexed)
18. Ms. Shalini, Dr.B.Indira published a paper entitled " Character Recognition from Printed Hindi words Towards

Artificial Neural Networks" in International Journal of Computer Science and Engineering", **Impact Factor 5.9867,** ISSN 2278-9979, Vol. 6, Issue 5, August-September – 2017. (Scopus Indexed)

19. Mohammed Shafeeq Ahmed and Baddam Indira published a paper entitled "Comparative Study on Localization of Optic Disc from RGB Fundus Images Detection" in International Journal of Emerging Trends & Technology in Computer Science", **Impact Factor 7.143,** ISSN 2278-6856, Vol. 6, Issue 3, May – June 2017.

20. Mohammed Shafeeq Ahmed and Baddam Indira published a paper entitled "Detection of Exudates from RGB Fundus Images Using3σ Control Method" in Proceedings of IEEE International Conference on Wireless Communications, Signal Processing and Networking (WISPNET 2017), Chennai, India, held during 22nd -24th March, 2017, DVD ISBN 978-1-5090-4442-9/17/$31.00 ©2017 IEEE Published in IEEE Xplore Digital Library, **Impact Factor 3.244**Electronic ISBN 978-1-5090-4442-9, POD ISBN 978-1-5090-4443-6

21. Mohammed Shafeeq Ahmed and Baddam Indira published a paper entitled "Morphological Technique for Detection of Microaneurysms from RGB Fundus Images" in Proceedings of IEEE International Conference on Wireless Communications, Signal Processing and Networking (WISPNET 2017), Chennai, India, held during 22nd -24th March, 2017, DVD ISBN 978-1-5090-4442-9/17/$31.00 ©2017 IEEE. Published in IEEE Xplore Digital Library, **Impact Factor 3.244,** Electronic ISBN 978-1-5090-4442-9, POD ISBN 978-1-5090-4443-6.

22. Mohammed Shafeeq Ahmed and Baddam Indira published a paper entitled "Detection and Classification of Non-Proliferative Diabetic Retinopathy Stages Using Morphological Operations and SVM Classifier" in Proceedings of 2nd International Conference for Convergence in Technology (I2CT 2017), Pune, India, held during 7th -9th April 2017, 978-1-5090-4307-1/17/$31.00 ©2017 IEEE.

23. Arati Kothari and Dr. B. Indira published a paper entitled "Detection and Classification of Brain Cancer using Artificial Neural Networks in MRI Images" in Proceedings of 2nd International Conference for Convergence in Technology (I2CT 2017), Pune, India, held during 7th -9th April 2017, 978-1-5090-4307-1/17/$31.00 ©2017 IEEE.

International Conference Proceedings / National Conferences from the Year 2017

24. B.Indira presented a paper entitled "Approach to build a model using Data science/Machine learning" in 4th International Conference on Multidisciplinary Research held on 2nd February 2019 at Osmania University Centre for International Program, Osmania university campus, Hyderabad, India.

25. K. Swathi and Dr.B. Indira Published and presented a paper entitled "Study on Security levels in Cloud Computing" in International Conference on Electrical, Electronics, Computer Science and Information Technology (ICEECSIT) – 2018 held on 1st July, 2018, in Hyderabad, India, organizes in association with Institute of Research and Journals (IRAJ) (ISO 9001:2008 Certified)

26. Shazia Farheen, B. Indira, S.Jeelani and Ramana Murthy presented a paper entitled "The Role of mobile and Ubiquitous learning in ICT based education" and Research chaired a session on "Electronics and Communication, Mathematical Modeling and Cognitive Science" in International Conference on Innovative Applications in Engineering and Information Technology (IAEIT – 2017) organized by Sri Padmavati Mahila Visvavidyalayam, Tirupati, held during 01-02 February, 2017.

27. Mohammed Shafeeq Ahmed and Baddam Indira published a paper entitled "Detection and Classification of Exudates from RGB Fundus Images using K-Means Clustering Technique" in proceedings of UGC Sponsored two-day National Conference on Current Research Advances in Computer Science (CRACS-17) organized by Kakatiya University, Warangal, held during 17th and 18th March, 2017, ISBN 978-93-5230-183-6, pp 1-5.

28. Arati Kothari and B. Indira published a paper entitled "Abnormality Detection in Brain Images using Morphological Watershed Segmentation Method" in proceedings of UGC Sponsored two-day National Conference on Current Research Advances in Computer Science (CRACS-17) organized by Kakatiya University, Warangal, held during 17th and 18th March, 2017, ISBN 978-93-5230-183-6, pp 12-14.

29. K.Swathi and B. Indira published a paper entitled " Survey on Cloud Security Issues and Attacks" in proceedings of UGC Sponsored two-day National Conference on Current Research Advances in Computer Science (CRACS-17) organized by Kakatiya University, Warangal, held during 17th and 18th March, 2017, ISBN 978-93-5230-183-6, pp 60-63.

30. Krishnaveni S. and B. Indira published a paper entitled "Energy Efficiency Aspects in Cloud Computing" in proceedings of UGC Sponsored two-day National Conference on Current Research Advances in Computer Science (CRACS-17) organized by Kakatiya University, Warangal, held during 17th and 18th March, 2017, ISBN 978-93-5230-183-6, pp 67-69.

31. A.Jyothi and B. Indira published a paper entitled " Identity Based Remote Data Integrity Checking with Data Dynamics and public Auditing in Cloud" in proceedings of UGC Sponsored two-day National Conference on Current Research Advances in Computer Science (CRACS-17) organized by Kakatiya University, Warangal, held during 17th and 18th March, 2017, ISBN 978-93-5230-183-6, pp 206-208.