


Name of Faculty	B. POONGUZHARSELVI		
Designation	Assistant Professor		
Nature of Job/Appointment	Regular		
Date of Joining	06 - 02 - 2017		
E-mail	poonguzharselvi_cse@cbit.ac.in		
Education Qualifications	Name of the Degree	Class	
	PG	M.E. (Computer Science Engineering)	Distinction
	UG	B. E. (Computer Science Engineering)	Distinction
Work Experience			
	Teaching	07 Years	
	Research	--	
	Industry	--	
	Others	--	
Area of Specialization	Data Mining, Data Analytics		
Professional Memberships	Member, ICSES Number: 8715		
Responsibilities held at Institution Level	--		
Responsibilities held at Department Level	--		
Research Guidance	--		
Awards Received	--		
Courses Handled at Under Graduate / Post Graduate Level.	Distribute Computing, Professional Ethics and Human Values, Programming and Problem Solving, Object Oriented Programming, Mobile Application Development, Software Engineering, Bridge Course		
No. of Papers Published	National Journals – --	International Journals – 07	
	National Conference – --	International Conference – --	
Projects Carried out	--		
Patents	--		
Technology Transfer	--		
Invited Speaker	--		
No. of Books/Chapter Published with details	--		
Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).	<ol style="list-style-type: none"> <li>1. Attended a Two-Day online workshop on “DevOps” organized by Kakatiya Institute of Technology &amp; Science, Warangal during 12-07-2020 to 13-07-2020.</li> <li>2. Completed “Introduction to Big Data” an online non-credit course authorized by University of California San Diego and offered through Coursera on 02-07-2020.</li> <li>3. Completed “Python Data Structures” an online non-credit course authorized by University of Michigan and offered through Coursera on 01-07-2020.</li> <li>4. Attended a Leadership Talk webinar by Shri Dipendra Manocha, (Motivational Speaker) by MHRD's Innovation Cell on 27-06-2020.</li> <li>5. Participated in a 6-Day Faculty Development Program on "Disruptive Technologies in Electronics &amp; Communications" organized by Vidya Jyothi Institute of Technology (Autonomous) in collaboration with IETE Student Chapter during 22-06-2020 to 27-06-2020.</li> <li>6. Attended a webinar on “Publishing Research Articles in Scopus Indexed Journals”, organized by SMS Dept. CBIT, Hyderabad on 24/06/2020.</li> <li>7. Participated in a One Week International Level Faculty Development Program on "Advanced Data Science and its Applications" organized by BVRIT HYDERABAD College of Engineering for Women during 22-06-2020 to 26-06-2020.</li> <li>8. Attended a 3-Day Faculty Development Program on</li> </ol>		

"Information Security & Cryptography" organized by Lendi Institute of Engineering & Technology, Vizianagaram during 20-06-2020 to 22-06-2020.

9. Attended a Leadership Talk webinar by Mr. Shridhar Venkat, CEO (Akshay Patra Foundation) by MHRD's Innovation Cell on 19-06-2020.
10. Completed "Introduction to Data Science in Python" an online non-credit course authorized by University of Michigan and offered through Coursera on 18-06-2020.
11. Attended a 2-Day Online Web series on "Biomedical Imaging" organized by KMIT, Hyderabad during 16-06-2020 to 17-06-2020.
12. Attended a Webinar on "CO-PO Attainment Computation and Outcomes Analysis" organized by InPods ED-tech on 13-6-2020.
13. Attended a Leadership Talk webinar by Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) by MHRD's Innovation Cell on 13-06-2020.
14. Participated in a One Week Faculty Development Program on "PHP & MySQL" organized by Sridevi Women's Engineering College, Hyderabad in association with Spoken Tutorial IIT-Bombay during 08-06-2020 to 12-06-2020.
15. Attended a 2-Day Online Faculty Development Program on "Effective Technical Report Writing Using LaTeX" organized by MGIT, Hyderabad during 08-06-2020 to 09-06-2020.
16. Attended the Awareness Program on "Coronavirus-(COVID-19)" at JNTUH College of Engineering Jagtial on 31-05-2020.
17. Attended a Leadership Talk webinar by Dr. Nilesh N Oak, Expert (Indian Civilization & History) by MHRD's Innovation Cell on 30-05-2020.
18. Participated in a One Week Faculty Development Program on "Outcome Based Education and NBA Accreditation Process-(UG)" organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 28-05-2020 to 01-06-2020.
19. Attended a Leadership Talk Webinar by Mr. Mahesh Babu CEO Mahindra Electric Mobility Ltd. by MHRD's Innovation Cell on 23-05-2020.
20. Participated in a 5-Day National Level Online Faculty Development Program on "ARTIFICIAL INTELLIGENCE" organized by Chaitanya Bharathi Institute of Technology in collaboration with Brain-O-Vision India Pvt. Ltd. during 22-05-2020 to 26-05-2020.
21. Participated in a 5-day Online Short-Term Training Program on "MATLAB based Teaching-Learning in Mathematics, Science and Engineering" organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai during 18th to 22nd May 2020.
22. Attended the Leadership Talk Webinar by Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell by MHRD's Innovation Cell on 16-05-2020.
23. Attended workshop on "Artificial Intelligence/Machine Learning and Deep Learning" organized by DigitalTrack Solutions Pvt Ltd. on 15-05-2020.
24. Completed "Programming for Everybody (Getting Started with Python)" an online non-credit course authorized by University of Michigan and offered through Coursera on 14-05-2020.
25. Attended the webinar on "INDIAN PATENT DRAFTING AND APPLYING" organized by PANIMALAR INSTITUTE OF TECHNOLOGY, Chennai on 13-05-2020.
26. Attended the webinar on "IMAGE PROCESSING USING PYTHON" hosted by Mount Zion College of Engineering and Technology Pudukkottai in association with PANTECH on 12-05-2020.
27. Participated in a 5-Day online Faculty Development Program on "Cryptography and Network Security" organized by Panimalar Institute of Technology, Tamilnadu during 11-05-2020 to 15-05-2020.
28. Attended the Leadership Talk webinar by Prof D. P. Singh, Chairman UGC Broadcasted by MHRD's Innovation Cell on 09-05-2020.
29. Completed "Machine Learning with Big Data" an online non-credit course authorized by University of California San Diego and offered through Coursera on 08-05-2020
30. Attended the IIC Online Sessions conducted by Institution's

Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.

31. Attended a Talk and Discussion on "Access to Research Process – Schools of Thought", organized by Dept. of CSE, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad on 18/10/2019.
32. Completed 12 weeks NPTEL-AICTE Faculty development program on "Internet of Things" organized by IIT Kharagpur and Sponsored by Ministry of HRD, Govt. of India during July to October 2019.
33. Attended a "Pre-Conference Tutorial" organized by CBIT, Hyderabad on 10-08-2019.
34. Completed 12 weeks NPTEL-AICTE Faculty development program on "Joy of Computing using Python" organized by IIT Madras and Sponsored by Ministry of HRD, Govt. of India during January to April 2019.
35. Completed 12 weeks NPTEL-AICTE Faculty development program on "Software Engineering" organized by IIT Madras and Sponsored by Ministry of HRD, Govt. of India during July to October 2018.
36. Attended a 2-day National Workshop on "Interface of Statistical Analysis Using R" by CBIT, Hyderabad during 09-02-2018 to 10-02-2018.
37. Participated in a One Week Faculty Development Program on "Transforming into Better Performers" organized by In-house Training Centre (ITC), CBIT Hyderabad during 27-11-2017 to 02-12-2017.
38. Participated in a One Week National Level Faculty Development Program on "Meeting the Challenges of Teachers in Modern Engineering Education" organized by In-house Training Centre(ITC), CBIT Hyderabad during 12-06-2017 to 17-06-2017.
39. Attended a 2-day International Workshop on "Big Data and Machine Learning" by CBIT, Hyderabad during 27-03-2017 to 28-03-2017.
40. Attended a 2-day National Workshop on "Privacy Preserving & ICT: Research Ideas" by CBIT, Hyderabad during 02-03-2017 to 03-03-2017.
41. Participated in a One Week National Level Faculty Development Program on "Emerging Trends, Issues and Challenges in Big Data & Cloud computing" by CBIT, Hyderabad during 20-02-2017 to 25-02-2017.

#### **International/National Journal from 2017**

1. S Karunakaran, B Poonguzharselvi (2019), "Investigations on power dissipation of low power VLSI architectures for Voltage level shifters" , Journal of Advanced Research in Dynamical and Control Systems, Volume-11, Issue 05, pp. 2229-2234.
2. S Karunakaran, B Poonguzharselvi (2019), "High Performance VLSI Architecture for Braun Multiplier", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume 8, Issue 10, pp.362-365.
3. S Karunakaran, Boddupally Harshitha, B Poonguzharselvi, K Jai Ganesh (2018), "Exploration of power delay product [PDP] on feedback based dual edge triggered flip flop utilizing dual sleep and dual slack approach", International Journal of Engineering & Technology, Vol. 7, Issue 4, pp. 3388-3391.
4. Karunakaran S, Pandurangaiah Y, Joseph Antony Prathap, Poonguzharselvi B (2018), "Exploration of Power Delay Product of Various VLSI Multiplier Architectures", International Journal of Mechanical Engineering and Technology (IJMET), Vol. 9, Issue 1, pp. 53-59.
5. S Karunakaran, B Poonguzharselvi and M Narayana (2018), "Analysis of Low Power VLSI Design of Adder Cells", Journal of Advanced Research in Dynamical and Control Systems, pp. 883-887.
6. S Karunakaran, B Poonguzharselvi (2017), "Exploration on Power Delay Product of Basic Logic Gates for Various CMOS Logic Styles", International Journal of Engineering Studies, Volume 9, Issue 2, pp.111-120.
7. S Karunakaran, B Poonguzharselvi (2017), "VLSI Architecture of An 8-Bit Multiplier Using Vedic Mathematics in 180nm Technology", International Journal of Advances in Engineering & Technology, Volume 10, Issue 3, pp. 401-410.