PROFILE

Name	:	Dr. Praveenkumar S. Challagidad
Designation	:	Assistant Professor
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Qualification	:	Ph. D, M. Tech, BE

Professional Experience:

Teaching experience	:	*13 Years 3Months*
Industry experience	:	*01*

No. of Projects Guided:

UG	:	*25*
PG	:	*16*

Research Interest Area:

Cloud Computing, Information Security, Cyber Security, Internet of Things and Computer Networks.

Total Publications : *30*

Education Details:

Qualification	Name of the Institution and Place	Year of Passing	Thesis/Project Title	Grades/ GPA/ Average % of Marks
Ph. D	Basaveshwar Engineering College (Autonomous), Bagalkot	2020	Design and Analysis of Some Security Schemes for Private Cloud under the guidance of Dr. Mahantesh N. Birje	--
M. Tech	Boomaraddi Engineering College (A) /KLE Tech University, Hubballi	2009	3-Layer Security for ATM Systems, under the guidance of Dr. Channappa B. Akki and Dr. Karibasppa K. G.	8.75 CGPA
B. E.	Basaveshwar Engineering College, Bagalkot	2007	Cross-platform for Information Exchange, under the guidance of Dr. S. V. Saboji.	58.3%
PUC	Basaveshwar Science College, Bagalkot	2007	PCMB Combination	61%
SSLC	Jawahar Navodaya Vidyalay, Alamatti Dam Site, Bijapur	2005	--	69%

Patent Filed and Published:
1. **A Patent on the title "A Hybrid Ensemble Learning Approach to Star Galaxy Classification" is filed and published on 05/03/2022 and the same is published on 11/03/2022. Application number: 202241011956.**

2. **A patent on the title "Underwater Drone" is filled on 15/07/2022, Application number: 367706-001.**

Proposals Submitted:

1. **One of the member amongst five, for preparing the proposal for Information Technology Business Incubator (ITBI) under India Science, Technology & Innovation. The Proposal was about 500 Lakhs (5 Crores).**

2. One of the member amongst five, for preparing the proposal for Atal Incubation Center (Atal IC) under Atal Innovation Mission, NITI Aayog . The Proposal was about 100 Lakhs (1 Crore).

3. Submitted a proposal entitled "Flood Forecasting of Ghataprabha River Basin using Artificial Neural Networks", submitted to SERB_SURE on 7/10/2022, myself and Dr. Veena S. Sooraganvi (Civil Engg. Dept.) are the PI and Co-PI respectively.

Other Administrative and Academic Activities:

1. College level Microsoft Package Office 365 Coordinator from 23rd December 2020 to till date
2. College Member ERP- Samarth from 3rd January 2021 to till date
3. Member Software Development Cell from 17th February 2021 to till date
4. One of the college level NAAC Coordinator from 14th August 2021 to till date
5. Member of Board of Studies from 16th August 2019 to till date

Reviewer:
1. Reviewer for the International Journal of Human-Computer Interaction, Taylor and Francis Publisher during September 2021 to till date, reviewed three papers.

Journal Publications:

1. Praveen S. Challagidad, M. N. Birje, "Multi-Dimensional Dynamic Trust Evaluation Scheme for Cloud Environment", *Elsevier- Computers & Security*, Vol. 91, 101722, pp. 1-19, 2020, ISSN: 0167-4048
   SCImago Journal rating rank Q1 (H-INDEX 86).
2. Praveen S. Challagidad, M. N. Birje, R.H. Goudar, MonishaTapale "Cloud Computing Review: Concepts, Technology, Challenges and Security", *International Journal of Cloud Computing, Inderscience Publishers,* Volume 6, No. 1, pp. 32-56, 2017.ISSN: 2043-9997
   https://www.inderscienceonline.com/doi/abs/10.1504/IJCC.2017.083905
   Journal Publication is listed in SCImago Journal. Rank Q4. (H-INDEX 4)

3. Praveen S. Challagidad, M. N. Birje, Efficient Multi-authority Access Control and Delegation using Attribute-based Encryption in Cloud Storage", *MECS International Journal of Information Technology and Computer Science (IJITCS)*, Accepted (24/12/2020).

Journal Publication is listed in SCImago Journal. Rank Q3 (H-INDEX 5).

4. Praveen S. Challagidad, M. N. Birje, "Local and Remote Recovery of Cloud Services Using Backward Atomic Backup Recovery Technique for High Availability in Strongly Consistent Cloud Service", *IGI Global- International Journal of Advanced Pervasive and Ubiquitous Computing,* Volume 11, Issue 4, pp.16-33,2019.

5. Praveen S. Challagidad, VaniReshmi and M. N. Birje, "Reputation Based Trust Model in Cloud Computing", *International Journal of Advances in Cloud and Internet of Things,* Special Issue: Advances in Cloud and Internet of Things. Vol. 5, No. 5-1, pp. 13-18, 2017.

6. Praveen S. Challagidad, AmbikaDalawai and M. N. Birje, "Data Recovery Technique in Cloud Computing" *International Journal of Advances in Cloud and IoT*Special Issue: Advances in Cloud and Internet of Things. Vol. 5, No. 5-1, pp. 13-18,2017.

7. Praveen S. Challagidad, VaniReshmi, "Secured Trust Model in Cloud Computing- A Review", International Journal of Engineering Research and Technology, vol. 5, issue 6. 2017. ISSN: 2278-0181.

8. Praveen S Challagidad, V Veena, "E-mail Spam Detection and Prevention Using NAIVE BAYES Classifier", International Journal of Computer Engineering andApplications, Vol. 12, No.1, pp., 7-14,2018

9. Praveen. S. Challagidad, Priyanka S. Tuppad, "Data Security in Cloud using Hybrid algorithm with Quantum Key Distribution", International Journal of Advance Research in Engineering, Science & Technology, vol. 3, No. 5, pp. 7-15,2016.

10. Praveen S. Challagidad, LaxmiMuttappanavar, "Intrusion Detection on Cloud Using Hybrid Machine Learning Techniques", International Journal of Computer Engineering and Applications, vol. 12, special issue, pp. 1-7,2016.

11. Praveen S Challagidad, MN Birje, MT Tapale, RH Goudar, "International Journal of Applied Engineering Research", Vol. 10, Issue 86, pp. 6-14, 2015.

12. Praveen S. Challagidad, ShailaHireningappanavar, "Disaster Recovery in Cloud Computing", National Conference on Emerging Trends and Advances in Information Technology, vol. 1, Issue 1, pp.1-6,2016.

13. Praveen S. Challagidad, Santosh Dodamani, "Efficient Utilization of Cloud Resources in Cloud Environment using Switching Technique", International Journal of Advances Research in Engineering Science and Technology (IJAREST), Volume 03, Issue 06 June 2016.

14. Praveen S. Challagidad, Shivakumar K. Honawad, "Implementation of Efficient Control Access And Data Integritiy In Multi Cloud", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), vol3, issue 8, pp. 2628-2631, 2014.

15. Praveen S. Challagidad, Jayashree D. Mallapur, "Secured Mechanism for Dynamic KeySystem", Vol, 3, Issue 361, pp. 45-58,2013.

16. Praveen S. Challagidad, Dr. M. N. Birje, "Efficient Multi-authority Access Control and Delegation using Attribute-based Encryption in Cloud Storage", MECS International Journal of Information Technology and Computer Science(IJITCS), ACCEPTED, in Publication.

17. Praveen S. Challagidad, Lamxi Despande, "Automatic Drug Identification using Image Processing", International Journal of Engineering Research & Technology, Volume 8, issue 15, pp. 85-87, 2021.

18. Praveen S. Challagidad, Deepa Kolar, "A Review on Identification and Classification of Malware Attacks", Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 8, Issue 7, 714-721, 2349-5162, July 2021.

19. Praveen S. Challagidad, Kalpana Chavhan, "Anonymization Techniques for Privacy Preservation in Social Networks: A Review", International Journal of Scientific Research in Science and Technology, Vol. 8, Issue 4, pp.14-21, 2395-6011, August 2021.

Conference Publications:

1. Praveen S Challagidad and Ms. Kalpana Chavhan, "Anonymization Technique or Privacy Preservation in Social Networks", International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2021), IEEE, pp.7-12, Mysuru. 2021. **Awarded as Best Paper and Presenter.**

2. Praveen S. Challagidad, Mahantesh N. Birje, "Efficient Multi-authority Access Control using Attribute-based Encryption in Cloud Storage", *International Conference on Computational Intelligence and Data Science (ICCIDS 2019),*on 6th to 7th September 2019

at Northcap University, Gurugram, New Delhi, India,Procedia Computer Science, Vol. 167, pp. 840–849, 2020.

3. Praveen S. Challagidad, M. N. Birje, "Determination of Trustworthiness of Cloud Service Provider and Cloud User", *International conference on Advanced Computing and Communication Systems*, 15th and 1th March 2019 at Coimbatore, India DOI: 10.1109/ICACCS.2019.8728408, pp. 839-843, 2019.

4. Praveen S. Challagidad, RajuNadaf, S. M. Hatture, "Smart Mirror using Raspery Pi for Human Monitoring and Home Security", International Conference on Advances Informatics for Computing Research (ICAICR-2019), 15-16 June 2019 at Shimla, India

5. Praveen S. Challagidad, M. N. Birje, "Trust Management in Cloud Computing", *IEEE-International Conference on Smart Technologies for Smart Nation*, REVA College, Bengaluru,17[th]to19[th]Augustpp.295-298,2017.

6. Praveen S Challagidad and Santosh Dodamani, "Efficient Energy Utilization in Cloud", International Conference on Chip, Current, Coding, Combustion and Composites (i7C-2018),held in Sri Sairam College of Engineering at Bangaluru, Karnataka on 28th and 29th November 2018.

7. Praveen S. Challagidad, Mahantesh N. Birje, "Hierarchical Attribute-based Access Control with Delegation Approach in Cloud", IEEE- 2017 4th International Conference on Computing for Sustainable Global Development, Proceedings of the 11th INDIACom; INDIACom-2017; IEEE Conference ID: 40353, (BVICAM), New Delhi (INDIA).

8. Praveen S. Challagidad and VaniReshmi, "A Review of Trust Model in Cloud Computing", National Conference on Emerging Trends and Advances in Information Technology" , 7th to 8th 2017, AIT Chikkamagaluru, Karnataka, India.

9. Praveen S. Challagidad, Santosh Dodamani, "Secured and Efficient Utilization of Cloud Resources in Cloud Computing", National Conference on Emerging Trends and Advances in Information Technology, 29th and 30th January, Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka.

10. Praveen S. Challagidad, Veena V., "Email Spam Detection and Preservation using Naïve Bayes Classifier", 7th National Conference on Recent Advances in Technology and Engineering (RATE-2018) at T. John Institute of Technology, Bengaluru.

11. Praveen S. ChallagidadPriyankaTuppad, "Intrusion Detection in Cloud using Hybrid Machine Learning Techniques", 7th National Conference on Recent Advances in Technology and Engineering (RATE-2018) at T. John Institute of Technology, Bengaluru.

Events Organized:

1. A resource person for UHV-Attitude, Respect and Trust for B.E. students from 03-02-2022 to 04-02-2022.

2. Organized an Universal Human Values (UHV) program for the 1st year B.E. students from 28-02-2022 to 05-03-2022.

3. Coordinated a student development workshop on Scientific Foundation of Health and Wellness was conducted from 10-1-2022 to 28-1-2022

4. Organized one day workshop on Radar System Development with Industry Partner on 25/09/2021, resource person was Mr. Mahesh Kopp, DRDO Bengaluru.

5. Organized one day workshop on Introduction and Opportunities in ISRO on 04-09-2021, resource person was Shri Sanjeev C. Gour, ISRO Hassan.

6. Organized an Induction Program from 10-08-2018 to 18-08-2018 for the 1st year B.E. students.

7. Organized one day workshop on Cloud Computing (19th March 2018) for UG and PG students.

Conferences/ Symposiums/ Workshops/ Training Programs Attended: *32*

1. Training of Future Skills Technologies: Cyber Security, MHRD sponsored TEQIP, 24th Feb to 6th March 2020

2. AICTE- Examination Reform Policy, NPIU-TEQIP-3, 14th to 15th Feb 2020

3. Computational Methods for Big Data Analytics, VTU-TEQIP-1.3, 6th to 10th Jan 2020

4. Paradigms in Intelligent Computing, VTU-TEQIP-1.3, 29th July to 2nd August 2019

5. Student Induction Programme organized by Visvesvaraya Technological University, Belagavi on 24-26 June 2019.

6. Paradigms of Intelligent Computing, TEQIP 1.3 Sponsored FDP organized by Visvesvaraya Technological University, Belagavi on 29th July to 2nd August 2019.

7. Sensor Networks, organized by Basaveshwar Engineering College (A), Bagalkot, from 08th to 09th January, 2018.

8. End to End Innovation, 19th to 23rd Feb 2018, IIT Bombay.

9. Student Induction Programmefrom 7th to 9th June 2018, Karnataka Law Society's Gogte Institute of Technology, Belagavi.

10. VasahatuPradnyeyindaBharateeyaShikshanadaMukti, PunaruttnaidyapeethahaaguMantan, Vijaypur on 28th January 2018.

11. Prabhudda Bharat, An Intellectual Social Responsibility organized by STEP 2018, a National Conclave held at VTU, Belagavi, on December 1 and 2 2018.

12. Data Analytics with R, Electrnics and ICT Academy, National Institute of Technology Warangal and SPFU, Directorate of Technical Education, Bangalore (Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI), from 3rd to 8th February 2017.

13. Open Society Problems Computing Solutions in Python organized byBasaveshwar Engineering College (A), Bagalkot, March 29-31, 2017

14. Green technologies for Sustainable Development organized Basaveshwar Engineering College (A), Bagalkot, 24-25 February 2017.

15. One Week Faculty Induction Program organized by National Project Implementation Unit (NPIU) in collaboration with College of Engineering, Pune (COEP) under TEQIP-III during 27th November 2017 to 2nt December 2017.

16. Smart Grid and Cyber Security, Organized by Central Power Research Institute (Govt. of India Society, Ministry of Power) during January 5th to 6th 2017.

17. ISRO Satellite Remote Sensing Based Societal Applications on the Web, organized Basaveshwar Engineering College (A) in association with Indian Space Research Organization (ISRO), on 9th September 2016.

18. Electronic System Design and Manufacturing (ESDM), jointly organized by CSI-BAgalore Chapter, CLIK, GOK-Dept. of IT& BT and Basaveshwar Engineering College (A), Bagalkot, on 29th and 30th March 2016.

19. Research Methodologies and Latex organized by VTU e-Learning Centre, Mysuru from 18th to 29th February 2016 at B.L.D.E.A's Dr. P.G. Halakatti Engineering College, Vijjayapura.

20. Faculty Development Programme organized and Conducted by Teaching Learning Centre, IIT Madras from 16th to 18th July 2015.

21. Cloud Computing Workshop organized by Visvesvaraya Technological University, Belagavi on 12 December 2015.

22. Research Methodology organized under TEQIP-II at Basaveshwar Engineering College (A), Bagalkot on 19 December 2015.

23. Trends in Computing Research organized by Department of Computer Science and Engineering, Centre for Post-Graduate Studies, Visvesvaraya Technological University, Belagavi from 15th to 18th June 2015.

24. Five-day Workshop on Enhancement of Research Competence in Network Simulation organized by the Department of Computer Science and Engineering, R. V. College of Engineering, Bangalore during 27th -31st January 2014

25. Three days workshop on Network Simulations and Cloud Computing, organized by Channabasaveshwara Institute of Technology, Gubbi during 15th to 17th March 2013.

26. Three days FDP on Recent Advances in Wireless Networks organized under TEQIP-II at Basaveshwar Engineering College (A), Bagalkot during 16th to 18th May 2013.

27. Distributed and Cloud Computing organized under TEQIP-II at Basaveshwar Engineering College (A), Bagalkot during 15th to 17th April 2013.

28. Advanced Network Computing and Simulation organized under TEQIP-II at Basaveshwar Engineering College (A), Bagalkot during 22nd to 24th November 2013.

29. Research Issues in Distributed Sensor Networks, organized under TEQIP-II at Basaveshwar Engineering College (A), Bagalkot during 22nd to 24th August 2013.

30. High Impact Teaching Skills, organized by Mission 10X Wipro, Banagalore at Visvesvaraya Technological University, Belagavi from 26th to 27th March 2012.

31. Computing Approaches to Image Processing and Pattern Recognition organized by Basaveshwar Engineering College (A), Bagalkot during 20th to 24th March 2010.

32. Effective Teaching Practices organized by Basaveshwar Engineering College (A), Bagalkot during 29th to 31st January 2010.

(Dr. Praveenkumar S. Challagidad)