

RESUME HIGHLIGHTS

Dr. Prof. Chhaya S D

Mob. No. +91 91135 35466

Application for the Position of

Professor & HOD – CSE Dept.

I can assure you to **promote the following:**

- 1. Research Publications and Patents**
- 2. EDC Establishment and its activities**
- 3. Innovative Thinking Lab.**
- 4. Industry Interaction in terms of Tech. up-skilling and re-skilling in latest technology focusing on employability.**
- 5. Value-added Courses**

Administrative & Leadership Role Executed

**(Total 25+Years of Experience in
Engg.Colleges/University)**

- 1. Professor & HOD - Dept. of CSE – AIML
East Point College of Engineering
Avalahalli, Bangalore – 560 049.**

- (Karnataka)
2. **Assoc. Prof & HOD** - Dept. of CSE/ISE
Shri Shankaracharya Institute of Technology,
(Affiliated to Swami Vivekananda Technical University)
Bhilai, Chhattisgarh State
 3. **Sr. Lecturer & HOD** - Dept. of CSE/ISE
M.P Christian College of Engineering and Technology
(Affiliated to Swami Vivekananda Technical University)
Bhilai, Chhattisgarh State
 4. **Main Coordinator** – IQAC, NBA & NAAC
 5. **Curriculum Development** - Dayananda Sagar University, Bangalore. (Sl.no 5 to 9)
 1. Full-Stack Development (Web Technology)
 2. Block-Chain Technology
 3. Cryptography
 4. Database Management System (DBMS)
 6. **Course Coordinator** - For above all CSE Subjects + Software Engineering & Project Management (SE-PM)
 7. **International Webinar – Organized (Faculties & Students)**
 1. Cyber Security (CS)
 2. Internet of Things (IoT)
 8. **Amazon Web Services (AWS) Workshop Organized For Faculties**

9. **Guest Faculty** - for Neural Network Subject
At Kshatriya College of Engg. (JNTU-H),
Hyderabad.
10. **Faculty Recruitment Coordinator & Ratification
Coordinator** – KGR CET JNTU, Hyderabad,.
11. **Industrial Visit Coordinator** –
 - 1) INFOSYS, Bangalore.
 - 2) C-DAC, (Center for Development of Advanced
Computing, Bangalore).
12. **C-DAC - Residential FDP on HPC –
High Performance Computing Systems –
@ National Level Program (1 Week)**
13. **Discipline Committee Member**
14. **FACULTY DEVELOPMENT PROGRAM ATTENDED
FDP - (Total: 21)**
15. **WORKSHOPS/SEMINAR/CONFERENCE ATTENDED
(Total: 19)**
16. **ATAL FDP's ATTENDED (Total-4)**
17. **WEBINARS ATTENDED (Total-11)**

Research Activities:

Vidwan : <https://vidwan.inflibnet.ac.in/profile/401695>

Google Scholar Citations – 249 h-index= 6

<https://scholar.google.com/citations?hl=en&user=O-2a5jkAAAAJ>

Scopus Citations – 115 h-index= 5

<https://www.scopus.com/authid/detail.uri?authorId=57192541109>

ORCID: <https://orcid.org/0000-0001-7458-8941>

Web of Science:

<https://www.webofscience.com/wos/author/record/AAV-1957-2021>

1. PhD – VTU, Belgaum

Domain – Security & Privacy Preservation

PhD Title – “Security Paradigms for efficient Privacy Preservation on Cloud Infrastructure.”

2. Research Publication – 6

Journals:

International Journals - 6 (Scopus)

Conferences: 9

National Conference Paper Presented – 9

3. Patents: 6

Australian Patent Published and Granted – 1

Indian Patent Published– 3

Indian Patent Published and Granted – 2

4. Book – Authored: 1

Book Title : Embedded and Real Time Systems

5. Book Chapter – Authored: 4

6. Reviewer – 5

International Journal REVIEWER (Articles/Patents)

- 1. IEEE – Conferences – Papers Reviewer (More than 8 Conf. now also actively participating as Reviewer)**

2. **JDC** - Journal Developing Consulting Service - CHINA – Reviewer
3. Journal - The Scalable Computing: Practice and Experience
(**SCPE**) - (Romania, **EUROPE**) as Reviewer
4. **WILEY PUBLICATIONS** – Book Reviewer for
"Applying Ethics to Artificial Intelligence"
5. **One-Stop-For-Cloud Company, USA** - Patents
Reviewer (6 Nos.) & On-going process

**PROFESSIONAL COURSES EXAMN. PASSEED
in Various Technical Subjects - Total: 9 Subjects:**

1. COURSERA

2. NPTEL – (National Programme on Technology Enhanced Learning)

3. MOOC – (Massive Open Online Course)

ACHIEVEMENTS & AWARDS (12)

1. Received prize of **1st Runner Up (2nd prize) YITPA-2020 ,Young IT professional award** Regional level declared by Computer Society of India ,Bangalore Chapter for the proposal with the title " Framework for privacy preservation of Aadhaar Data synchronised for user transactions .
2. Recognised as a **Mentor for 6 months Mentorship program Mentor4You Organised by IEEE Young Professional Affinity Group Bangalore** from June 2021 –Nov 2021.Conducted webinar and technical sessions on cyber security under this program
3. **Received Second prize** in National level Technical paper in **TECHNOLOGIA - 2004** on 17-18 April organized by M.P.Christian

College of Engg on DNA Cryptography.

4. **Received first prize** in National level Technical paper presentation in **TECHNOLOGIA - 2008** on 14-15 March organized by M.P. Christian College of Engg on Mining Patterns Of Activity From Video Data.
5. **Secured Third Position in M. Tech Examination** Conducted by Rajiv Gandhi Technical University in both College & University Level.
6. **First Prize in "Handwriting Competition "**in V standard.
7. **100% result in many courses which I handled**
8. **SESSION CHAIR** - International Conference on Computing Paradigm (ICCP-2024) @Acharya Institute of Technology ,Bangalore , Karnataka, India. (Oct.2024)
9. **TEACHER OF THE YEAR – THE TOP PERFORMING TEACHER AWARD** by WEGROW PVT. LTD, NEW DELHI ON 5th Sept. 2024, for event Teachers Day Celebration. (2024)
10. **WEGROW INDIA, NEW DELHI** is inviting as a **GUEST OF HONOR** and **WEGROW INDIA's Best PATENT AWARD 2024** in International Innovation Conclave 2024, scheduled on 28th Dec. 2024 at Five Star ITC, NEW DELHI.
11. **SESSION CHAIR – Vishwa IP Conclave 2024** held on 22nd Nov. 2024 Organized by Vishwakarma Institute of Technology (VIT), Computer Science and Engineering Dept. Pune, Maharashtra, India. (2024)
12. Invited as Delegate for Event inspired organized by **ECONOMIC TIMES,INSPIRATION TO INNOVATION ,NEW DELHI @ Four Seasons Hotel Bangalore on 12-Dec-2024**

Resume – in Details

Dr. CHHAYA SURYABHAN DULE

BE-CSE, M Tech.-CSE, PhD-CSE - VTU, Belgaum.

PDF- Post Doctoral Fellowship - SINGAPORE

Singapore Institute of Technology, (Pursuing)

LM-ISTE , LM-CSE ,M-IEEE

PROFESSOR & HOD

DEPT. OF CSE - AIML

EAST POINT COLLEGE OF ENGINEERING

BANGALORE.

VTU Faculty ID: 1JTIS0006160

Google Scholar ID: O-2a5jkAAAAJ

Scopus ID: 57192541109



Educational Qualifications

Degree	:	Bachelor Degree B.E.,	Master's Degree M.Tech.,	Doctor of Philosophy Ph.D.,
Institute Name	:	Shri Guru Govind Singhji College of Engineering and Technology, NANDED	Samrat Ashok Technological University, VIDISHA	GSSS Institute of Engineering and Technology for Women , Mysuru
University Name	:	Dr Babasaheb Ambedkar Marathwada University , Aurangabad , (M.S) (State University)	Rajiv Gandhi Proudयोगiki Vishwavidyalaya Bhopal (M.P.) (State University)	Visvesvarya Technological University, (VTU), Belgaum. KARNATAKA (State University)
Country	:	INDIA	INDIA	INDIA
Percentage	:	64%	76%	Awarded
Year of Passing	:	1997	2008	2024
Branch of Specialization	:	Computer Science and Engineering	Computer Science and Engineering	Faculty of Computer and Information Sciences
Title of Ph.D Thesis	:	Security Paradigms for Efficient Privacy Preservation on Cloud Infrastructure		

Post-Doctoral Fellowship (Pursuing)	Singapore Institute of Technology , Singapore Research Title : Security Mechanism for Privacy Preservation Using Machine Learning/Deep Learning
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Total Teaching - Experience (24+ Years..)

Institute / University Name	Department Name	Position - Held	Nature of work	Type of Work	From	To
East Point College of Engineering and Technology Bangalore	CSE-Artificial Intelligence and Machine Learning	Professor and HOD	Teaching Research Administration	Full Time	01/04/2024	Till Tdy
K.S School of Engineering and Management ,Bangalore	Computer Science and Engineering	Associate Professor	Teaching Research Administration	Full Time	16/10/2023	30/03/2024
Dayananda Sagar University Bangalore	Computer Science and Engineering	Assistant Professor	Teaching Research IQAC NBA NAAC Coordinator	Full Time	27/01/2020	31/03/2024
K G Reddy College of Engineering Moinabad , Hyderabad JNTUH	Computer Science and Engineering	Associate Professor	Teaching Research Administration IQAC NBA NAAC Cordinator	Full Time	1/12/2018	14/01/2020
Jyothy Institute of Technology ,Tathaguni , Banglore VTU ,Belgaon	Information Science and Engineering	Assistant Professor	Teaching Research Administration IQAC NBA NAAC Coordinator	Full Time	27/07/2012	30/11/2018
G.H Raisonni college of Engineering And Technology, An Autonomous Institute , Nagpur Rashtrasant Tukadoji Maharaj Nagpur University	Computer Science and Engineering	Assistant Professor	Teaching	Full Time	1/12/2011	15/05/2012
Shri Shankaracharya Institute of Technology ,Bhilai Chhattisgarh Swami Vivekanand Technical University Bhilai	Computer / Information Science and Engineering	HOD and Associate Professor	Teaching Administration	Full Time	05/10/2010	30/11/2011
Rungta College of Engineering and Technology ,Bhilai Chhattisgarh Swami Vivekanand Technical University Bhilai	Computer /Information Science and Engineering	Reader	Teaching	Full Time	17/12/2008	01/10/2010

M.P Christian College of Engg and Tech ,Bhilai CSVTU ,Bhilai	Computer/ Information Science and Engineering	Senior Lecturer and HOD (CSE & ISE)	Teaching Administration IQAC NBA Coordinator	Full Time	02/07/2007	16/12/2008
M.P Christian College of Engg and Tech ,Bhilai Pt. Ravishankar Shukla University Raipur and CSVTU ,Bhilai	Computer/ Information Science and Engineering	Lecturer	Teaching	Full Time	21/04/2001	01/07/2007
Rungta College of Engineering ,Bhilai Pt. Ravishankar Shukla University Raipur	Computer/ Information Science and Engineering	Lecturer	Teaching	Full Time	01/06/1999	10/04/2001

Professional Information

Courses Taught	<p>B.E : Discrete Mathematical Structure ,Computer Organization , Database Management System, Operating System , Software Engineering , Artificial Neural Networks, Data warehouse and Data Mining ,Logic Design and Hardware ,Computer Programming , Enterprise resource Planning, Wireless Technology, Advanced Computer Architecture, E-Commerce, Object oriented programming and concepts, Digital Image Processing, Parallel Processing ,Computer Fundamentals and C Programming, Software Testing , Analysis and Design of Algorithms , Unix System Programming ,Management Information System, Cloud Computing ,Cryptography, Computer Graphics, Full Stack Development in Web Technology, Block chain Technology, Introduction to Networks and Cyber Security ,Software engineering and project management</p> <p>M.Tech : Data Warehousing and Data Mining ,Neural Network and its Applications Advanced operating system , Advanced Computer Architecture ,Enterprise Resource planning , Parallel Computing ,Information Retrieval System, High Performance Computing .</p>
Skills Sets	<p>Technical Skills</p> <ol style="list-style-type: none"> 1. C/C++ 2. Visual Basic 3. .NET 4. SQL 5. MATLAB 6. PYTHON 7. Web Technologies :HTML, CSS, Javascript , NodeJS , ReactJS ,GraphQL 8. NOSQL Database: mongoDB <p>Administration Skill towards Students</p> <ol style="list-style-type: none"> 1. Team Leader and Motivator 2. Solving Problems and organization skill.
Area of Specialization	Data and Information security, Cyber Security ,Cryptography , Cloud Computing, Big Data, Artificial Intelligence and Machine Learning, Image Processing ,Deep Learning
Research Areas	<ul style="list-style-type: none"> • Security issues on cloud computing • Privacy Preservation • Security mechanism using Machine Learning and Deep Learning • Significance of Cyber Security and Digital Forensics
Teaching Experience	24+ Years
Research Experience	10+ Years

International Journal /Conference/Book & Book Chapter Publications

Total Citations – 222 H-index 6 (Total :28)

SCOPUS/Web of Science :

<p>Scopus Publications : 12</p>	<p>Journal: 4</p>	<p>Conference : 5</p>	<p>Book & Book Chapter : 1 + 3</p>	<p>Citations : 102</p>	<p>H index : 5</p>	
<p>Google Scholar Publications : 29</p>	<p>Journal: 17</p>	<p>Conference : 9</p>	<p>Book chapter : 3</p>	<p>Citations : 222</p>	<p>H index : 6 I 10 index : 3</p>	

Book Chapter

Chhaya Suryabhan Dule, Rajasekharaiah KM (2024) *Introduction to Internet of Things Security Secure Communication in Internet of Things : Emerging Technologies ,Challenges and Mitigation (First Edition)* **Scopus Indexed journal**
 Published by –Taylor and Francis CRC Press
<https://doi.org/10.1201/9781003477327>
<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003477327-1/introduction-internet-things-security-chhaya-suryabhan-dule-rajasekharaiah>
<https://www.scopus.com/authid/detail.uri?authorId=57192541109>

eBook ISBN : 9781003477327
pp: 1-20

Research Article –open access

Chhaya S Dule , Roopashree H R(2023) , *privacy Preservation modeling for securing image data using Novel Ethereum-Based Model*, **International Journal of Advanced Computer Science and Applications(IJACSA)** **Scopus Indexed journal**
 DOI: 10.14569/issn.2156-5570
<https://www.scopus.com/authid/detail.uri?authorId=57192541109>
<https://thesai.org/Publications/ViewPaper?Volume=14&Issue=2&Code=IJACSA&SerialNo=16>

Vol. 14, No. 2, 2023.
Pp 126-135
ISSN : 2156-5570
Google scholar Citation-1

Research Article –open access

Chhaya S Dule , Roopashree H R(2023)*Analytical and Integrated framework for privacy preservation of images in cloud ecosystem”, Indian Journal of Computer Science and Engineering (IJCSE)*
 DOI:10.21817/indjcse/2023/v14i1/231401112
<http://www.ijcse.com/ijcse-issue.html?issue=20231401>

Vol. 14 No. 1
Jan-Feb 2023

<p>Book Chapter Chhaya S Dule, Rajasekharaiah KM (2022) <i>Privacy Preservation of Image Data with Machine Learning Applications of Machine Learning and Deep Learning for privacy and cyber security</i> Published by – IGI Global Scopus Indexed DOI:10.4018/978-1-7998-9430-8 https://www.igi-global.com/book/applications-machine-learning-deep-learning/277792 https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>ISBN: 978-1-7998-9430-8 pp. 189–215 June -2022</p>
<p>Book Chapter Chhaya S Dule, Rajasekharaiah KM (2022) <i>A Novel authentication technique for Cloud Data Storage Security Cloud Computing Infrastructure for Enabling Future Technology Advancement</i> Published by – NOVA Science Publishers, New York Scopus Indexed https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>ISBN: 978-1-68507-615-3 (2022) pp. 1–64</p>
<p>Conference Paper-open access Dule. CS ,Dr. Prof. Rajasekharaiah K.M , B Prashanth (2020) <i>Analyze the legislative Framework relating to Surveillance and Right to Privacy : Issues and Challenges International conference on recent Advancement in Engineering and Management (ICRAEM-2020) Published in Scopus Indexed IOP Conference Series: Materials Science and Engineering.</i> doi:10.1088/1757-899X/981/2/022063 https://iopscience.iop.org/article/10.1088/1757-899X/981/2/022063/pdf https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>Volume 981 Issue -2 ISSN 1757-899X pp. 022063 Google Scholar citation-8 Scopus citation :1</p>
<p>Conference Paper –open access Dr. Prof. Rajasekharaiah KM ,Dule.CS, Sudershan E (2020) <i>Cyber Security Challenges and Its Emerging Trends on Latest Technologies International conference on recent Advancement in Engineering and Management (ICRAEM-2020) Published in Scopus Indexed IOP Conference Series: Materials Science and Engineering.</i> doi:10.1088/1757-899X/981/2/022062 https://iopscience.iop.org/article/10.1088/1757-899X/981/2/022062/pdf https://www.scopus.com/authid/detail.uri?authorId=57192541109 Web of Science</p>	<p>Volume 981 Issue -2 ISSN 1757-899X pp. 022062 google scholar citation – 83 scopus citation -23</p>
<p>Conference Paper –open access B. Prashanth ,G Neelima ,Chhaya S Dule,T Chandra Prakash ,S Tarunreddy <i>Data Science and Machine Learning Integrated Implementation patterns for Cavernous Knowledge Discovery from COVID-19 Data International conference on recent Advancement in Engineering and Management (ICRAEM-2020) Published in Scopus Indexed IOP Conference Series: Materials Science and Engineering.</i> doi:10.1088/1757-899X/981/2/022004 https://iopscience.iop.org/article/10.1088/1757-899X/981/2/022004/pdf https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>Volume 981 Issue -2 ISSN 1757-899X pp. 022004 google scholar citation – 52 scopus citation -52</p>
<p>Research Article –open access Chhaya S Dule., Dr. Nandini N ,Dr. Rajasekharaiah K M (2020) , <i>Architectural Framework for Intelligent and secure Aadhar Data Management Synchronised with both offline and online transaction systems International Journal of Innovative Technology and Exploring Engineering (IJITEE)</i> DOI:10.35940/ijitee.B6421.019320 https://www.ijitee.org/wp-content/uploads/papers/v9i3/B6421129219.pdf</p>	<p>ISSN :2278-3075 , Volume 9 Issue -3 , pp. 3105-3117</p>
<p>Research Article –open access Chhaya S Dule., Dr. Girijamma H A ,Dr. Rajasekharaiah K M (2020) , <i>A Crypto-blocking approach for the security paradigms for Aadhar towards privacy preservation on cloud infrastructure In Springer Lecture Notes on Data Engineering and Communications Technologies Series Editor : S Smys ,Tomonobu Senjyu ,Pavel Lafatal Scopus Indexed Journal</i> https://link.springer.com/chapter/10.1007/978-3-030-37051-0_22 https://doi.org/10.1007/978-3-030-37051-0_22 https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>Springer Cham , Print ISBN 978-3-030-37050-3 Online ISBN 978-3-030-37051-0, Volume 44 pp. 194-203 google scholar citation – 1 scopus citation -3</p>

<p>Conference Paper Dule, Chhaya S ,K.M.Rajasekharaiah ,D.H Manjaiah(2020) , <i>Challenges of Artificial Intelligence to combat COVID-19 (2020) Proceedings of the International conference on Innovative Computing and Communications (ICICC -2020)</i> https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3608764 http://dx.doi.org/10.2139/ssrn.3608764</p>	<p>SSRN Pp 1-8 May 2020 Google Scholar Citations : 5</p>
<p>Research Article –open access Dule,Chhaya S ,Dr.Girijamma HA,K.M.Rajasekharaiah ,Girijamma HA(2019) , <i>Impact and Challenges of Aadhaar :Privacy and security perspective UGC Approved Journal of applied Science and Computations JASC</i></p>	<p>ISSN:1076-5131 Volume 6 Issue -2</p>
<p>Conference Paper-open access Chhaya S Dule , Dr.Prof Rajasekharaiah KM (2018) "<i>CRSA Enriched Mining Model for Efficient Service Innovation Discovery and Redesign in BI Applications</i> " <i>Advances in Intelligent systems and computing Scopus Indexed Journal</i> DOI https://doi.org/10.1007/978-981-10-5272-9_7 https://link.springer.com/chapter/10.1007/978-981-10-5272-9_7</p>	<p>Springer, Singapore Print ISBN : 978-981-10-5271-2 Online ISBN: 978-981-10-5272-9 628, pp. 71–82</p>
<p>Research Article : Open Access Chhaya S Dule., Dr. Rajasekharaiah K M (2018) , Automatic movie recommender system using content based filtering technique <i>Anveshna International Journal of Research in Engineering and Applied Sciences</i> http://publications.anveshanaindia.com/aiireas/aiireas-vol3-issue-3/</p>	<p>ISSN:24855-6300 Volume 3 Issue -3 pp. 212-218</p>
<p>Research Article Chhaya S Dule., Dr. Girijamma H A ,Dr. Rajasekharaiah K M (2017) , <i>An Insight to Security paradigms for Big data on cloud : Current Trends and Research International Journal of Electrical and Computer Engineering (IJECE) Scopus Indexed Journal</i> DOI:10.11591/ijece.v7i5.pp2813-2882 http://ijece.iaescore.com/index.php/IJECE/article/view/8244/6968 https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>ISSN:2088-8708 Volume 7 Issue -5 pp. 2873-2882 google scholar citation – 4 scopus citation -5</p>
<p>Conference Paper-open access Dule C.S., Girijamma H.A (2017) , <i>Gauging the effectivity of Existing Security Measures for Big Data in cloud Environment Software Engineering Trends and Techniques in Intelligent Systems CSOC -2017.Advances in Intelligent Systems and Computing Scopus Indexed Journal</i> https://link.springer.com/chapter/10.1007/978-3-319-57141-6_22 https://www.scopus.com/authid/detail.uri?authorId=57192541109</p>	<p>Springer Cham Print ISBN 978-3-319-57140-9 Online ISBN 978-3-319-57141-6 Volume 575 pp. 209-219 Scopus Citations -3</p>
<p>Conference Paper-open access Chhaya S Dule , Minal Kamble,.(2017) "<i>Image Spam Detection: A Review</i> " <i>Proceedings of the International conference on Advances in Computer Science and Electronics Engineering</i> " and Published in "<i>International journal of Computer Science and Its Applications</i>" doi:10.3850/978-981-07-1403-1 624 https://journals.theired.org/journals/paper/details/404.html</p>	<p>Volume II Issue -1 ISSN 2250-3765 Google Scholar citations -3 ISBN: 978-981-07-1403-1</p>
<p>Conference Paper-open access Chhaya S Dule., Prof Rajasekharaiah K M (2016) "<i>CRSA Cryptosystem Based Secure Data Mining Model for Business Intelligence Applications</i> " <i>International Conference on Electrical ,Electronics and Optimization Techniques (ICEEOT)-2016 with IEEE catalog "978-1-4673-9939"</i> ,DMI College of Engineering ,Chennai ,Tamil Nadu ,India. DOI:10.1109/ICEEOT.2016.7754812 https://ieeexplore.ieee.org/abstract/document/7754812</p>	<p>pp. 879-884 Google Scholar citations -6</p>
<p>Research Article : open access Chhaya S Dule, Rajasekharaiah KM ,Girijamma HA (2015) "<i>Anonymization Technique for Privacy Preservation on Map reduce framework</i>" <i>International Journal of Electrical ,Electronics and Computer Systems (IJECS) IRD india</i> http://www.irdindia.in/journal_ijeecs/pdf/vol3_iss1/9.pdf</p>	<p>Volume 3,Issue 1 pp. 44-48 ISSN online 2347-2820</p>

<p>Research Article : open access Chhaya S Dule, Rajasekharaiah KM ,Girijamma HA (2015) "<i>Comparative study of Anonymization Approaches for big data privacy preservation on cloud</i> " International Journal of Applied Engineering Research (IJAER) Research India Publication. Scopus Indexed Journal https://www.ripublication.com/Volume/ijaerv10n86spl.htm</p>	<p>Volume 10,No 86 Special Issue pp. 471-476 ISSN 0973-4562</p>
<p>Research Article : open access Chhaya S Dule, Rajasekharaiah KM (2014) "<i>Sensor Data Mining Model and System Design : A Review</i>" International Referred Journal of Engineering and Science (IRJES) http://www.irjes.com/Papers/vol2-issue6/Version-1/B02061622.pdf</p>	<p>ISSN (Online) 2319-183X, (Print) 2319-1821 Volume 2, Issue 6 (June 2013), PP. 16-22 Google Scholar Citations : 2</p>
<p>Research Article : open access Chhaya S Dule,Dr Girijamma H A ,Prof Rajasekharaiah KM(2014) "<i>Privacy Preservation Enriched Map Reduce for Hadoop Based Bigdata Applications</i> " American International Journal of Research in Science ,Technology ,Engineering and Mathematics (AIJRSTEM)</p>	<p>Vol 3 .Issue 6 ISSN:2328-3580 .2014 Google scholar citations : 2</p>
<p>Research Article : open access Chhaya S Dule, Suvarna Hajare (2012),,"<i>Analyzing the Bio Signal to Make Fatigue Measurement as a parameter for mood detection</i>" International journal of Computer Science and Information Technologies https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=7c28a8cd5f1e935b0213cdebf430461e07164485</p>	<p>ISSN: 0975-9646 (IJCSIT) Vol.3 2012. Google Scholar Citation: 4</p>
<p>Research Article : open access Chhaya S Dule ,Minal Kamble (2012) ., " <i>Detecting Image Spam Based on Image Features using Maximum Likelihood Technique</i> ". International Journal of Computer Science and Technology (IJCST) https://www.ijcst.com/vol31/3/minal.pdf</p>	<p>Volume 3 Issue 1 ISSN-0976-8491(online) ISSN-2220-4333 (print) Google Scholar Citations : 4</p>
<p>Research Article : open access Chhaya S Dule, Suvarna Hajare, (2011)"<i>A Survey on Mood Condition Detection and Fatigue Measurement Methodology</i>" 2nd National conference on Information and Communication Technology (NCICT) proceeding published in International Journal of Computer Applications (IJCA) https://research.ijcaonline.org/ncict/number6/ncict044.pdf</p>	<p>volume 6, ISSN - 0975-8887, pp 11-13 Google Scholar Citations : 1</p>
<p>Research Article : open access Chhaya S Dule, Manoj Bahel, (2010) "<i>Analysis of frequent item set Generation process in Apriori and RCS(Reduced candidate Set</i>" International Journal of Advanced Networking and Applications</p>	<p>volume 02,Issue 02 ISSN - 0975-8887, pp 539-543 Google Scholar Citations : 9</p>
<p>Research Article : open access Chhaya S Dule, Manoj Bahel, (2010) "<i>One time mining (OTM) using Reduced Candidate Set Algorithm</i> " In Database systems: International conference on Computer Applications DOI: 10.3850/978-981-08-7300-4_1371 https://www.researchgate.net/publication/269082551_One_Time_Mining_OTM_using_Reduced_Candidate_Set_RCS_Algorithm</p>	<p>pp 167-175</p>
<p>Research Article : open access Chhaya S Dule, Vaibhavant Singh, (2008) "<i>Proposing an efficient method for frequent pattern mining</i> " International Conference organised by word academy of Science ,Engineering and Technology published in International journal of Biotechnology and Bioengineering Bangkok by International Scholarly and Scientific Research Innovation. Scholar.waset.org/1307-6892/12669 https://www.academia.edu/93958841/Proposing_An_Efficient_Method_For_Frequent_Pattern_Mining?uc-sb-sw=75941817</p>	<p>volume 02,Issue 12 Google Scholar Citations : 21 Pp 4104-4109</p>

International Journal REVIEWER (Articles/Patents)

2. IEEE – Conferences – Papers Reviewer (More than 8 Conf. now also actively participating as Reviewer)
2. JDC - Journal Developing Consulting Service - CHINA – Reviewer
3. Journal - The Scalable Computing: Practice and Experience (SCPE) - (Romania, EUROPE) as Reviewer
4. WILEY PUBLICATIONS – Book Reviewer for "Applying Ethics to Artificial Intelligence"
5. One-Stop-For-Cloud Company, USA - Patents Reviewer (6) & On-going process

National Conference Presentation List(Total -9)

Chhaya S Dule "Survey on Sensor Data Mining" National Conference on Industry Institute Interaction For Emerging Technologies, 17-18 March 2011 organised by Shri Shankaracharya Institute of Technology And Management Bhilai

Chhaya S Dule., "Multi Join Approach for joining Multiple Spatial Tables " National Conference on Recent trends in Soft Computing and Networks, 26-27 March 2010 organised by Laxmi Narain college Of Technology Bhopal .

Chhaya S Dule., "Approach for Handling spatial Data in Databases " National Conference on Recent trends in Soft Computing and Networks, 26-27 March 2010 organised by Laxmi Narain college Of Technology Bhopal

Chhaya S Dule., "Comparision of Multipath Routing Protocol :MPDSR,SMR,MSR "National Conference Technologia 2009 on 13-14 March organized by M.P.Christian College Of Engineering and Technology,Bhilai.

Chhaya S Dule., " Mining Patterns Of Activity From Video Data" National Conference Technologia 2008 on 14-15 March organized by M.P. Christian College of Engg ,Bhilai

Chhaya S Dule., " Network Security " National Conference organized by Yeshwantrao Chavan College of Engineering, Nagpur during 14-16th April 2005

Chhaya S Dule., "Human Face Detection in visual scenes using Neural Network " National conference organized by S.V. Institute of Computer Studies Kadi and Amoghsiddhi Education Society, Sangli-2005 during 8-9th January 2005.

Chhaya S Dule., "Estimating Software Project Effort by Analogy Based On Linguistic Values " National Conference Technologia-2004, on 17-18th April organized by M.P.Christian College of Engg and Technology Bhilai.

Chhaya S Dule.' "DNA-Based Cryptography" National Conference Technologia-2004 on 17-18th April organized by M.P.Christian College of Engg and Technology Bhilai .

BOOK AUTHORED (Total:1)

Book Title : **Embedded and Real Time Systems**
Publisher : **Scientific International Publishing House**
ISBN : **978-93-94002-33-3**

Year of Publication : **February -2022**

PATENTS(6) & COPYRIGHTS (1)

Australian Patent : Published and Grant

1. **Corona recognition method based on visible light color using Artificial Intelligence (Grant).**
Patent number: 2021103067.
Date of Patent Grant: 16 March 2022.
Term of Patent : Eight years from 3rd June 2021

Indian Patent : Published

2. **A System for Geo-positioning Smart Identity Card , 2021**
Application number: 202131018240A.
Date of Patent Published: 14 May 2021.
3. **Modelling of Quality of Service parameters in clouds Genetic Algorithm.**
Application number: 202141025212A.
Date of Patent Published: 25 June 2021.
4. **Blood Banking Via Cloud Computing using Machine Learning Tracking the Blood Donar Location**
Application number: 202221027024A.
Date of Patent Published: 20 May 2022.
5. **Indian Design Patent Grant – Title – Blood Cell Counter device**
Design Patent No. 430591/001
Date of Publication: 24th Oct. 2024
6. **Indian Design Patent Grant – Title – Artificial Intelligence based Cardiovascular Diseses Analyzer**
Design Patent No. Appl.no. 431729-001 (under publication process)
Date of Publication: 26th Sept. 2024

Canada Copyright : Published

1. **Cloud Based Electric Vehicles Temperature Monitoring System using IoT.**
Registration number:1191845.
Date of Patent Published: 28 Oct 2022.

ACHIEVEMENTS

1. **Received prize of 1st Runner Up (2nd prize) YITPA-2020 ,Young IT professional award** Regional level declared by Computer Society of India ,Bangalore Chapter for the proposal with the title " Framework for privacy preservation of Aadhaar Data synchronised for user transactions .
2. **Recognised as a Mentor for 6 months Mentorship program Mentor4You** Organised by **IEEE Young Professional Affinity Group Bangalore** from June 2021 –Nov 2021.Conducted webinar and technical sessions on cyber security under this program
3. **Received Second prize** in National level Technical paper in **TECHNOLOGIA - 2004** on 17-18 April organized by M.P.Christian

College of Engg on DNA Cryptography.

4. **Received first prize** in National level Technical paper presentation in **TECHNOLOGIA - 2008** on 14-15 March organized by M.P. Christian College of Engg on Mining Patterns Of Activity From Video Data.
5. **Secured Third Position in M. Tech Examination** Conducted by Rajiv Gandhi Technical University in both College & University Level.
6. **First Prize in "Handwriting Competition "**in V standard.
7. **100% result in many courses**
8. **SESSION CHAIR** - International Conference on Computing Paradigm (ICCP-2024) @Acharya Institute of Technology ,Bangalore , Karnataka, India. (Oct.2024)
9. **TEACHER OF THE YEAR – THE TOP PERFORMING TEACHER AWARD** by WEGROW PVT. LTD, NEW DELHI ON 5th Sept. 2024, for event Teachers Day Celebration. (2024)
10. **WEGROW INDIA, NEW DELHI** is inviting as a **GUEST OF HONOR** and **WEGROW INDIA's Best PATENT AWARD 2024** in International Innovation Conclave 2024, scheduled on 28th Dec. 2024 at Five Star ITC, NEW DELHI.
11. **SESSION CHAIR – Vishwa IP Conclave 2024** held on 22nd Nov. 2024 Organized by Vishwakarma Institute of Technology (VIT), Computer Science and Engineering Dept. Pune, Maharashtra, India. (2024)
12. Invited as Delegate for Event inspired organized by **ECONOMIC TIMES,INSPIRATION TO INNOVATION ,NEW DELHI @ Four Seasons Hotel Bangalore** on 12-Dec-2024

PROJECT GUIDED UG/PG and Selected (6) for Exhibition Cum Competition

UG Projects –Total – 70 Nos.

1. Project Title "Privacy Preserving Public Auditing for Data Security in Cloud Computing " Project Selected for the Project Competition in Unisys Cloud 20/20 held in 2015
Student Name :
1.Shreya S kumar
2.Sravani B
3.Sahana L
4.Akshatha S
Jyothy Institute of Technology ,Bangalore 2014-2015
2. Project Title "Automatic Street Light Monitoring " funded by KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (KSCST) with the amount of 35000.This project qualified all the 3 rounds of project Exhibition and Selected for final round of 41st Series STUDENT PROJECT PROGRAM (ENGINEERING)TECHNICAL RECORD of STATE LEVEL SEMINAR AND EXHIBITION at Babuji Institute of Engineering and Technology, Davangere on 10 - 11 August,2018

Student Name :

- 1.Sampada N Kulkarni
- 2.Pooja R
- 3.Manasa D

Jyothy Institute of Technology,Bangalore AY: 2017-2018

3. Project title " Digital Document Signing with Digital Signature " 5th National level IEEE project competition 2021 held at GSSSIETEW ,Mysure on 26th June 2021

Student Name :

- 1.K Akhila
- 2.Mehreen Wafa Afnaz
- 3.Keerthana G
- 4.J Nidhisha

Dayananda Sagar University ,Bangalore AY: 2020-2021

PG Projects –3 Nos.

1. Project Title "Reduced Candidate Set Algorithm for Frequent Item Set Generation Process of Large Data Set " (2008-2010)

Student Name : Manoj Bahel

Rungta College of Engineering and Technology

2. Project Title "Mood Condition Detection " 2011-2012

Student Name :SuvarnaHajare

G.H Raisonni College of Engineering and Technology An Autonomous Institute Nagpur

3. Project Title "Spam Image Detection " 2011-2012

Student Name :MinalKamble

G.H Raisonni College of Engineering and Technology An Autonomous Institute @Nagpur.

ACADEMIC ROLES & RESPONSIBILITIES

1. Head of The Department (CSE/IT/ISE Department - 8 Years MPCCET/SSITM Bhilai)
2. Academic Senate Member (MPCCET – 3 Years)
3. Member of BOS and Focus Group (GH Raisonni College of Engg. Nagpur, (MS) an Autonomous institute, Affiliated to Nagpur University.
4. Central Coordinator for Faculty Recruitment Process (KGR CET ,Hyderabad)
5. IQAC-Coordinator(MPCCET/RCET/JIT/KGR CET/DSU)
6. NBA-Coordinator (MPCCET/JIT/KGR CET)
7. NAAC- Coordinator(RCET/JIT/KGR CET/DSU)
8. NBA- Criteria Coordinator(RCET/JIT/KGR CET/DSU)
9. NAAC- Criteria Coordinator(RCET/JIT/KGR CET/DSU/KSSEM)
10. NIRF/AIIRF Coordinator
11. Core team member for Admission, CET ,NET dayananda Sagar University ,Bangalore
12. Full Stack Development Student club coordinator.
13. Research Group coordinator for Cyber security ,Department of computer science and Engineering ,Dayananda Sagar University.
14. Department Training and Placement Coordinator (CSE/IT MPCCET)
15. Member of Innovation Club of CSE Dept.(VTU-JIT)
16. Organized National Conferences
 - A. TECHNOLOGIA 2008 - MPCCET. Bhilai
 - B. URVATECH 2011 – SSITM. Bhilai
17. Head of Extra Curricular Activities.

18. Member of Discipline Committee and Antiragging Committee
19. In charge of Coding Contest /on the Spot Programming Contest
 - A. Coding Contest in ETET 2013/2014/2015 – JIT. Bangalore
 - B. On the Spot Programming Contest in UNNAYAN 2008/2009 – RCET. Bhilai, MP.
20. Session Judge for International Conference
 - C. TECHNOLOGIA 2008 –MPC CET,BHILAI
 - D. ETET – 2014,2015 –JIT,BANGALORE.
21. Head of Staff Welfare and Grievances Committee
22. Head of Competency Enhancement Training Programme
23. Incharge of Self Interest Database Group
24. Incharge of Technical Advisory Committee
25. Coordinator for Internal Test /Technical Seminar/Academic Projects
26. Review Committee member for final year projects
27. Website Coordinator

WEBINARS/WORKSHOP/PROJECT EXHIBITION/ CODING CHALLENGES ORGANISED (Total:9)

1. Organised International **Webinar on "Cyber security –An Emerging Technology "**in association with Computer Society of India on 11th July 2020 at School of Engineering, DayanandaSagar University , Department of computer science and engineering ,Bangalore.
2. Organised National Webinar on **"Internet of Things–Medical Image and Speech processing "**on 29th August 2020 at School of Engineering, Dayananda SagarUniversity , Department of computer science and engineering ,Bangalore.
3. Organised 1 Week DSU **brand building workshop Prerana-2K21-An Emerging Technological Skill Development Program** for first year students 2020 of DayanandaSagar University, Bangalore. This event was consist of sessions from eminent speakers on emerging technologies such as Artificial Intelligence/Machine Learning, Quantum Computing, Cloud Computing, Cyber Security , Internet of Things , Augmented Reality/ Virtual Reality , Mobile Application Development and sessions for practical exposers on these technologies. This event was also had sessions on Yoga to impart awareness of health. This event also consist of motivational talk by eminent speakers to motivate students on how to develop confidence and enhance skill.The motivational talk was on various topics such as Study skill, believing on ones abilities , how to dominate next decade, Mindfulness ,Emotional Intelligence and Taking responsibilities in life. The workshop also accompanied with various competition such as best reflection notes and Quiz Competition.
4. organised **workshop on Server Side Scripting Language- NodeJS** from 26-March-2021 to 27-March-2021 in Association of Computer Society of India, Bangalore Chapter.
5. Organised workshop on **Full stack Development-ReactJS** on 1 May 2021 in association of Computer Society of India, Bangalore chapter under **Full Stack Developer Student Club** .
6. Organised workshop on **ReactJS on 7-May-2022 to 9-May-2022** in association of Computer Society of India.Bangalore chapter.
7. Organised workshop on **GraphQL from 4-June-2022 to 6-June-2022.**
8. Organised **Project Exhibition for VIII Semester Students** of Computer Science and Engineering Department on 3 June 2022.
9. Organised **Coding Challenge -Full Stack Development** on 24 December 2022 under Full Stack Development Student Club for 3rd Semester Students CSE

GUEST LECTURE DELIVERED

1. Guest Lecture on **"Artificial Neural Network "** at **Kshatriya College of Engineering Armoor,Nizamaba District ,Telangana State** affiliated to JNTUH on 20/3/2019 for III year students of CSE/EEE

CURRICULUM/SYLLABUS DESIGNED (Total :3)

1. Member of BOS and Focus Group (GH Rasoni College of Engg. Nagpur, (MS) an Autonomous institute, Affiliated to Nagpur University. Designed syllabus for **BE - E-commerce** Course
2. Designed Syllabus for **BE – Database Management System** and **Full Stack Development for Web Development** affiliated to Dayananda Sagar University Bangalore

COURSERA /NPTEL/MOOC/PROFESSIONAL COURSES COMPLETED(Total:9)

1. Course on **Data warehouse and Data mining**, Orator Neuroscience Research Organization Private Limited BANGALORE Oct -Dec 2013.
2. **MATLAB on Ramp** online Training course by MathWorks –July 2018.
3. Online coding course **C++ sololearn** , Nov 2019.
4. NPTEL course on **Software Project Management** with "Elite" Grade, Nov 2019.
5. Introductory course on **Cloud Computing and Migration** conducted by **Computer society of India student branch –Lords Institute of Engineering and Technology** on 26th July 2020.
6. Attended National Level **Online Bootcamp of career building with Python** from 1st June to 7th June 2020 by **Codegyan IT Solutions OPC PVT.LTD.**
7. NPTEL Course on **Cloud Computing** taken and cleared on Dec. 2020 Grade-ELITE
8. Completed **Coursera course on The Foundations on Cyber Security**
9. Completed **Level1 Training under Project e-saksham** a joint initiative of **Ministry of Education AICTE** and **Cyber Peace Foundation.**

REVIWER FOR JOURNALS/IEEE INTERNATIONAL CONFERENCES / TEXT BOOKS Text Book -1 ,Journal Review-2 , IEEE Conferences - 10

Journal Reviewer

1. REVIEWER for **International Journal of Advanced Computer Science and Applications (IJACSA) scopus Indexed Journal**
2. REVIEWER for "**Entertainment Computing**" Journal of Elsevier **Scopus Indexed Journal for computer science applications** .

Text Book Reviewer

1. REVIEWER for Text Book for "**Applying Ethics to Artificial Intelligence** " To be published By Wiley Publisher

Conference Reviewer

1. REVIEWER for **2nd International Conference on Networks , Multimedia and Information Technology (NMITCON-2024)** organized by Nitte Meenakshi Institute of Technology Bangalore on 9th & 10th August 2024 In Association with IEEE Section.
2. REVIEWER for **International Conference on Distributed Computing and Optimization Techniques (ICDCOT-2024)** organized by SJB Institute of Technology Bengaluru on 15th & 16th March 2024
3. REVIEWER for **2nd International Conference on Integrated Circuits and Communication Systems (ICICACS-2024)** organized by Department of Electronics and Communication Engineering ,HKE Society's Sir MV Visvesvaraya College of Engineering Raichur During 23rd & 24th February 2024
4. REVIEWER for **IEEE International Conference on Applied Intelligence and sustainable computing ICAISC-2023** organised by Shri. Dharmasthala Manjunatheshwara College of Engineering and Technology , Dharwad 16-17 June 2023.
5. REVIEWER for **IEEE International Conference on Knowledge Engineering and communication system ICKECS -2022** organised by SJC Institute of technology Chickballapur India in association with IEEE Bangalore Section on December 18-29,2022.
6. REVIEWER for **IEEE International Conference on Mobile networks and wireless communications**

(ICMNWC-2022) organised by Department of Electronics and Telecommunication Engineering at Sri Siddhartha Institute of Technology, Tumkur in Association with IEEE Bangalore Section on 2nd & 3rd December 2022.

7. REVIEWER for **IEEE Mysurucon 2022 second edition of Mysore subsection Flagship International conference** on 16th and 17th October 2022 at nitte meenakshi institute of technology ,Bangalore.
8. REVIEWER for **IEEE International Conference on Data Science and Information system (ICDSIS-2022)** organised by Malnad College of Engineering ,Hassan India in Association with IEEE Bangalore Section and Mysore Subsection on 29th and 30th July 2022.
9. REVIEWER for **IEEE International Conference on Mobile networks and wireless communications (ICMNWC)** at Sri Siddhartha Institute of Technology ,Tumkur in association with IEEE Bangalore Section and Co-sponsored by Technical Institute for Engineer TIE on 3rd & 4th December 2021.
10. REVIEWER for **IEEE MYSURUCON 2021**-The First Edition of the Flagship International Conference Series of IEEE Mysore Sub Section in association with IEEE Bangalore Section at NAVKIS College of Engineering, Hassan on 24th & 25th October 2021.

FACULTY DEVELOPMENT PROGRAM ATTENDED(Total:21)

1. Attended phase-I, one week, Staff Development Programme to Engg Faculty conducted by **Technical Teachers' Training Institute, Bhopal** at M.P Christian College of Engg, Bhilai during 17-21 Oct 2003.
2. Attended phase-II, one week, Staff Development, **Induction training Programme** conducted by National Institute of Technical Teachers Training and Research, Bhopal at M.P.Chistian College of Engg Bhilai during 24-28 March 2004.
3. Attended AICTE Sponsored Program Of Summer Schools For teachers in Technical Institution -2008-09 Conducted at Visvesvaraya National Institute Of Technology, Nagpur on **Data Mining And Data Warehousing** organized by Department Of Electronics and Computer Science Engineering during 16-28 Jun 2008.
4. Attended Faculty Development Programme on **MatLab And Its application to Image processing and Communication** Conducted at RNS Institute of Technology, Bangalore organized by Department Of Electronics And Communication Engineering during 28-30 Jan 2013.
5. Attended Management Development Programme on **Research Data Analytics** Conducted at PES Institute of Technology, Bangalore organized by Department Of Management during 3-5 July 2013.
6. Attended Faculty Development Programme on **Network Security Vulnerability Assessment and Penetration Testing** at M.S. Ramaiah Institute of Technology, Bangalore organized by Department Of Computer Science & Engineering & MCA Dept. under TEQIP-II during 11-13 June 2014.
7. Attended **Microsoft Technology Enriched Instruction** Faculty Development Workshop on 20 Nov 2014 and recognized as Microsoft Faculty Fellow.
8. Attended Faculty Development program on **Cloud Computing** organized by VTU Regional office BANGALORE with IBM BlueMix on 6-Dec2015.
9. Attended one week Faculty Development Programme on "**Hadoop Ecosystem for Big Data**" organized by Department of Computer Science and Engineering and Department of Information Science And Engineering BMSIT & M in Association with Cogzy Technologies Pvt Ltd .Bengaluru during 18-23 January 2016.
10. Attended 2 Days Faculty Development Program on "**ASSESSMENT ,ACCREDITATION ,OUTCOME BASED EDUCATION (OBE) AND MOTIVATIONS**" organised by Kshatriya College of Engineering ,Armoor ,Nizamabad District ,Telangana from 3-4 Jan 2020.
11. Attended 1 Day International Faculty Development Program on "**Develop the ability to write Research Proposal**" on 24th April 2020 conducted by Adarsh Group of Institutions .
12. Attended 4 days Faculty Development Program on **Digital Image Processing using MATLAB** from 24th April - 27th April ,2020 hosted on Skill-to-Hire .
13. Attended 15 Days Faculty Development Program on **Advanced Image Processing Techniques** from 1st May - 14th May ,2020 hosted on Skill-to-Hire .
14. Attended one week International Week Faculty Development Programme on "**Recent trends in Computer science and its Research perspective**" from 10th June 2020 to 16th June 2020 organised by PG and Research Department of Computer Science and PG Department of Computer Applications of MarudharKesari Jain College for women ,Vaniyambadi.
15. Attended 1 week Faculty Development program on "**Course Structuring ,Teaching and Evaluation in HEI as per OBE**" conducted by Mallareddy college of Engineering in association with Indian Society for technical Education (ISTE) and MHRD Institution's Innovation Council (MIC) from 11th June 2020- 17th June 2020.
16. Attended 5 Days Faculty Development program on "**Data Science concepts -theoretical and Practical Approach**" organised by Department of computer science and Engineering ,DayanandaSagar University ,Bangalore from 15th June-19th June 2020.
17. Attended 2 Days Faculty Development program on "**Python for Researchers**" organised by Department of computer science and Engineering, MNR College of Engineering and Technology on 29th -30th June 2020.

18. Attended 5 Days Faculty Development program on **Blockchain Technology and IT's Applications** organised by Department of Computer Science & Engineering and IT Vignan's Institute of Management and Technology for women , Hyderabad in association with NYCI and BRAIN O VISION Solutions India Pvt Ltd. From 29-06-2020 to 3-07-2020
19. Attended 5 Days Faculty Development Program on **Advanced Data processing using ML,ANN and DL** organised by Department of CSE,TKR college of Engineering and Technology during 13-07-2020 to 17-07-2020 .
20. Attended 5 Days Faculty Development Program on **Emerging Cyber Security Trends –A Hands on Approach** organised by Department of computer science & technology and Computer Science and Engineering,School of Engineering, Dayananda Sagar University Bangalore from 20-07-2020 to 24-07-2020.
21. C-DAC-Electronic City – Bangalore - SERB Sponsored FDP 5 days (Residential) from 18/07/2022 to 22/07/2022, **ML-DL Application Enablement on PARAM Utkarsh HPC SYSTEM (High Performance Computing) with Theory and Hands-on-Practical Sessions.**

WORKSHOPS/SEMINAR/CONFERENCE ATTENDED (Total:19)

1. Attended 5 Days faculty Development Programme on " **Research Methodology and Developing Research Skills** " organized by **Department of Computer Science and Engineering ,Sridevi Institute of Technology ,Tumakuru, Karnataka** from 26th February 2024 to 1st March 2024.
2. Attended CENTCON-2021 International conference on **Disruptive Technologies for Multi-Disciplinary Research and Applications** organized by Dayananda Sagar Group of Institutions 19-21 November 2021
3. Attended 5th International Conference on **Intelligent Computing and Communication (ICICC-2021)** from 26th Nov 2021 to 27th Nov 2021 organised by Department of Computer Science and Engineering ,School of Engineering ,Dayananda Sagar University ,Bengaluru, India.
4. Participated in 3 days online workshop on **Virtual Labs** organised by School of Engineering ,Dayananda Sagar University Bangalore held from 12th August-14th August 2020.
5. 2 Days National Workshop "Quality Improvement in Technical Education Through Outcome Based Education " organized by Vidya Jyothy Institute of Technology " Department of CSE, 14-15 Dec 2018.
6. Attended Workshop on "Research Methodologies and Latex " organized by VTU e-learning Center,Mysuru during 18-20 February 2016 at B.L.D.E.A's Dr P.G.Halakatti College of Engineering and Technology ,Vijayapura.
7. Attended workshop on **NPTEL** conducted on 29-January-2016 at Jyothy Institute of Technology, BANGALORE organized by National Programme on Technology Enhanced Learning IIT, Madras.
8. Attended workshop on **Microsoft SQL Server** at Microsoft Company Bangalore on 12-Dec-2015.
9. Attended workshop on **Cloud Computing and It's Challenges** in association with NCS Pvt. Ltd. Bangalore organized by Department of Computer Science and Engineering ,SJB Institute of Technology ,Bangalore on 10-11th October, 2014.
10. Attended workshop on **Spoken Tutorial Project** in Association with IIT, Bombay organized by Visvesvaraya Technological University, Regional Office ,Bangalore on 27 September, 2014.
11. Attended workshop on **Web 2.0 and Rich Internet Applications** organized by Department of Computer Science and Engineering, Siddaganga Institute of Technology, Tumkur Sponsored by TEQIP-II on 20-21 February, 2014.
12. Attended workshop on **Advance Linux Administration and Networking** organized by Department of Computer Science and Engineering, M.P.Christian College of Engineering and Technology Bhilai on 21-22 November, 2009.
13. Attended workshop on **Research tools and Methodology for information technology** organized by Department of Information Science, Rungta College of Engineering and Technology Bhilai on 7-8 November, 2009.
14. Attended Workshop on **Mobile Communication and Data Knowledge Engineering** organized by Pt Ravi Shankar Shukla University, Raipur on 2-3rd January, 2009.
15. Attended Workshop on **Robotic Programming Techniques and Related Subjects** organized by Department of Mechanical Engineering, M.P.Christian College of Engineering and Technology during 10-11 October, 2007.
16. Attended Workshop on **Paper Setting and Valuation** organized by Chhatisgarh Swami Vivekananda Technical University, Bhilai on 17 August, 2007.
17. Attended Workshop on **Education Psychology** organized by Department of Electronics and Telecommunication, Engineering, Chhatrapati Shivaji Institute of Technology Durg, during 16-17 July 2005.
18. Attended **Curriculum Revision Workshop** for Computer Science and Information Technology Diploma Programmes organized by Government polytechnic College Durg, during 04-08 July 2005
19. Attended Workshop on **Hacking** at National Level Technical Festival –2005 organized by Department of

ATAL FDP's ATTENDED (Total-4)

1. Attended Faculty Development Program on **Cyber Security** organized by "Galgotia College of Engineering and Technology " From 05-10-2021 to 09-10-2021.
2. Attended Faculty Development Program on **Information and Cyber Security** organized by " IIIT Vadodara " From 14-06-2021 to 18-06-2021.
3. Attended Faculty Development Program on **Life Skills Management-ROAD – Leadership and Excellence** organized by " GITAM Deemed to be University " From 21-06-2021 to 25-06-2021.
4. Attended Faculty Development Program on **Cyber Security** organized by " Anand Institute of Higher Technology " From 07-06-2021 to 11-06-2021.

WEBINARS ATTENDED (Total-11)

1. Webinar on "**E-content Development Webinar** " organised by Research Centre for English language and Literature on 10th April 2020.
2. Webinar on "**Strategy for Enhancing Article Citation and H –Index** " on 13th April 2020,organised by True Analyst Research Erode.
3. Webinar on "**An Effective Research paper writing skills** "from 13 April 2020 -16 April 2020 organised by Bhagwan Mahavir College of Commerce and Management studies .
4. National Webinar on "**Data Science** "conducted by Kaamadhenu Arts and Science college PG and Research Department of Computer Science on 16th May 2020.
5. Webinar on **online Teaching Methods and Assessments using G-Suite** on 24th May 2020 organised by Department of Electrical and Electronics Engineering , Sri Venkateswara Institute of Science and Technology .
6. Webinar on "**Mobile Learning** " organised by IEMS B-School ,Hubli on 30th May 2020
7. Webinar on "**Remote Sensing for Environmental Studies** " conducted on 13th June 2020 at Department of computer science and Engineering ,Ambedkar Institute of Technology ,Bangalore
8. Webinar on "**Patents to Boost Innovation**" organised by the Department of Computer Science and Engineering and ACTS –the startup cell of Dr Ambedkar Institute of Technology ,Bangalore in association with origin IP solutions LLP on 18th June 2020.
9. Webinar on "**NAAC Assessment and Accreditation for AQAR process**" organised by Internal Quality Assurance cell ,AnjumanCollege of Engineering Nagpur held on 14th July 2020.
10. Webinar on "**Image of Information** " organised by Department of Computer Science and Engineering ,Dr Ambedkar Institute of Technology,Bangalore on 3rd August 2020.
11. Webinar on "**How to write an effective technical paper** " organised by GSSSIETW IEEE student Branch In association with IEEE Bangalore section and CAS Bangalore chapter on 24th August 2020.

FORUMS ATTENDED (Total:2)

1. Thought on Artificial Intelligence for COVID-19 FORUM 2020 conducted by G.R Foundation conducted on 5th April 2020. FIRST EDITION
2. Thought on Artificial Intelligence for COVID-19 FORUM 2020 conducted by G.R Foundation conducted on 12th April 2020. Focused Theme Data Science for Progress analysis SECOND EDITION

PAPER SETTING & VALUATION: (University Exams.)

Paper Settings:

In Visvesvaraya Technological University (VTU), Belgaum, Karnataka:

1. Information Retrieval – UG 3 Times
2. Information Retrieval – PG 1 Time
3. Pattern Recognition – UG 1 Time, PG 1 Time
4. Software Testing – UG 1 Time
5. Data Warehousing and Mining – UG 1 Time

(Same was Selected for Jan.2016 Examn.)

6. Pattern Recognition – PG 3 Times

In Dayananda Sagar University, Bangalore, Karnataka:

1. Database Management System – UG 2 Times
2. Cryptography – UG 2 Time
3. Computer Graphics – UG 1 Time
4. Web Technology – UG 1 Time
5. Full Stack Development – UG 2 Time
6. Block chain Technology -1 time
7. Software Engineering and Project Management-1

Other University:

(Chhattisgarh Swami Vivekananda Technical University, Bhilai, MP, INDIA)

1. Cyber Crime -- UG (4 Times)
2. Operating System -- UG (1 Times)
3. Computer Organisation -- UG (1 Time)
4. Data Warehousing & Mining -- PG (1 Time)
5. Parallel Computing -- PG (1 Time)
6. Artificial Neural Networks -- PG (2 Times)
- 7.

Deputy Chief Suptd.(Internal) – Visvesvaraya Technological University, (VTU) Belgaum, Karnataka.

Deputy Chief Superintendent (DCS-External) in VTU

1. Exam Dec./Jan.2014
2. May-June 2016
3. Dec-Jan, 2016
4. June-July 2017

DIGITAL VALUATION – VTU UNIVERSITY:

Digital Valuation: Every Semester in VTU, Belgaum, Karnataka, India.

PROFESSIONAL MEMBERSHIP (Total:3)

1. Life Member of Indian Society for Technical Education (ISTE)
Membership Id LM-101302
2. Life Member of Computer Society of India (CSI)
Membership Id LM-11503391
3. IEEE Research Scholar Membership (IEEE)

Date: 26th May, 2025

Place: Bangalore

Signature of the Applicant

(Dr. Prof. Chhaya Suryabhan Dule)