Nominations Received For The Post Of

**Divisional Chairperson (Division 1 to 5)**

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2. Signed letter/E-mail from at least 2 valid voting members in good standing proposing the Nominee.

BIODATA – Dr Kamal Karnatak

POST FOR WHICH NOMINATED: Divisional Chairperson (Division-1) Systems

1. Name : Dr Kamal Karnatak
2. CSI Membership No. : ll154344
3. Membership Type: Life/Annual/Institutional : Life
4. CSI Membership since: 2012
5. E-mail address: kkarnatak@gmail.com
6. Date of Birth (Age) : 49 years
7. Postal Address: Navkunj Apartment, IP Extension, Delhi 110092
8. Phone/ Mobile/ Fax Nos. : 9711321000
9. Educational Qualifications: PhD
10. Publications – relevant to the office being nominated for :

Two book chapters were published by Springer.

1. **Flexibility in Transportation Management Strategy for Improved Efficiency: An Indian Soft Drink Industry Perspective**
2. **Establishing Visibility Across the Value Chain of a Beverage Giant by Implementing Flexible Systems**

11. Contribution to the IT profession:

A. Supporting CIOs Of India

- President of CIOs Of India from 2019 onwards
- Vice President of CIOs Of India from 2014-to 2019
- Executive Committee Member of CIOs Of India from 2008-to 2014

About CIOs Of India: CIO’s of India (Powered by ISMF) is the 26 years old premier Information Systems Professionals body in India. It is a national technology body with more than 2000 members, which include both Indian and multinational companies that have a presence in India. ISMF (Information Systems Managers Forum) was set up in 1996 at Delhi to facilitate interaction among IT/IS professionals in software and services and to encourage the advancement of software technology.
My Role in strengthening CIOs Of India.

When I started contributing to CIOs Of India, it was mainly focused on the Delhi-NCR region and conducting one or two professional networking and other programs in a quarter. Once I started taking a lead in the activities, we extended its reach not only in India but outside of India too. Many of the past members who are overseas, regularly attend our virtual session. Currently, we have more than 2000 members pan India.

I have taken the initiative of reskilling and upskilling Tech leaders. We have tied up with various educational institutes of repute and conducted residential and virtual programs. Some of the flagship programs are as below.

1. Finance for Tech leaders at IIT Delhi
2. Finance for Tech leaders at IIT Mumbai (Residential program, multiple batches)
3. Artificial Intelligence and ML certification with IIT, Kanpur
4. Certified Data Protection Professional Training and Certification with FDPPI
5. CISM Training and certification with ISACA
6. AWS Cloud Essential training and certification
7. Training on Condition Based Management with IIPM, Orissa
8. Digital Innovation Certification with AIMA

Apart from this in the last two years, we have conducted various expert learning sessions. Some of them are:

1. Flexibility and Data-Driven Culture : Prof. Sushil, IIT Delhi
2. The Power Tool called “You“: Harish Bijoor, Branding guru
3. Mastering the art of Mixology: Shatbhi Basu, India’s first female bartender
4. Atma Nirbhar New Digital India: Arvind Gupta, Co-founder and Head of Digital India Foundation
5. 5 rules of Leadership Etiquette: Paul Dupuis, CEO Randstad India

On a social front we have conducted physical and virtual sessions with imminent personalities

1. Know Thy Himalayas : Padma Sri Prof Shekhar Pathak
2. Challenges in the New World: Padma Sri Ms. Sunita Narain
3. Connecting Food, Culture and Politics – Spicy Narratives. Padma Shri Prof Pushpesh Pant

We have tied with various agencies and conducted joint programs. Some of the partners are

1. NASSCOM Center of Excellence- IoT and AI
2. NASSCOM Futureskill Prime
3. All India Management Association
4. Amazon Web Service for Cloud and AI Community

B. Taking technical sessions for students on IT

My Teaching Profile is as below

Teaching Profile of Dr Kamal Karnatak

Contact: https://www.linkedin.com/in/kkarnatak/

Working as: Group CIO at RJ Corp (Ravi Jaipuria Group)

Research: PhD from IIT, Delhi on “Development and Validation of Information Technology Flexibility Maturity Model”

Education: B. Tech, MBA (Systems), Post Graduate Diploma in Journalism and Mass Communication

Others: MDP on IT strategy from IIMA, Global CIO Certification & Digital Disruptor from ISB, Hyderabad, ITIL v3 Certified, Certified Data Privacy (India), Professional, FDP on AI from Sharda University, AI-ML Course from IIT, Kanpur, Blockchain course from MNNIT

Teaching Journey

AI and Machine Learning Foundation Course for BPA Labs interns

Keynote Speaker in World Auto Forum for “AI-The Future”


Was Visiting Faculty for Geetam School of International Business, Visakhapatnam

- Advanced topics in Logistics & SCM (For MBA Classes)
- Logistic Technology Management (For MBA Classes)

Taken MCA, MSC (IT), MBA and BBA Classes for Sikkim Manipal University at Kolkata

Taken Personality Development, Career Guidance classes for Following University

- GB Pant University of Agriculture & Technology, Pant Nagar (For MBA and B.Tech students)
- Kumaon University, Nainital (For MBA and other students), Kumaon University, Ranikhet
Designed and conducted Career Guidance and Personality Development Workshops for Uttarakhand Open University, Uttarakhand. Took part in National Seminar on IT at ITS Ghaziabad. Speaker and Panelist in many CIO conferences, Taking Sessions in various schools/colleges during weekends

**Work Experience: 27+ Year**
Aditya Birla Group, DCM Shriram Consolidated Ltd, Unitech and RJ Corp

**Specialized Training**

**Research Areas:** Digital Transformation, IT Flexibility, Flexibility Maturity, Innovations, social media, Startup Eco System

12. Contribution made to CSI:

- Taken various sessions for CSI, some of the prominent ones are
  - Speaker and Chief Guest at **Young IT Talent Hunt (YITTH) on Topic IT career option and technology trends** at I.T.S., Mohan Nagar Ghaziabad
  - Speaker at National Seminar on “Convergence of Database & Communication Technologies at I.T.S., Mohan Nagar Ghaziabad
  - Technical Lecture on Artificial Intelligence: A Paradigm Shift in Technology at IIC, Delhi

13. Experience - relevant to the position nominated for:

See Appendix

14. Honours/ Professional Recognition:

- CIO 100 Awards from IDG Media, 5 times and then CIO Hall of fame
- IDC Insight Award multiple times
- IDC Innovation Award
- In CIO Power list (A peer, vendor voted award for IT leaders India) from last 7 years
- Innovative Heroes Award from a Grey Head Media
- SAP ACE Award for best Business Analytics Implementation
- CIO Grandmaster Award 2012 from Biztech TV 18 for business analytics
- Interlop EDGE Awards and TOP CISO 100 Awards (on many occasions)
- Innovativeve CIO and Gems of Digital Award
- In the jury of Next 100 CIOs from last 5 years
- Jury members for various award selection committee

15 Other Relevant Information :
See Appendix

16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years:

Not Applicable

a. Positions held

b. Statements of Intent submitted for the above positions
c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee Date:

** Give information in brief.(last 3 year )-Use additional sheet if required
Takes career guidance courses for less privileged children

Two Days Workshop On Personality Development & Soft Skill Enhancement

Training & Placement cell of Uttarakhand Open University has organized a two days’ workshop on **Personality Development & Soft Skill Enhancement**. Kamal Karnatak, Sr. Vice President of Ravi Jaipuria Group and Mamta Karnatak, Theater Artist, Film Actor and Social Worker conducted workshop as a resource person. In this workshop, more than 50 participants (most from underprivileged background) of various subjects took part. Apart from theory sessions various exercises, activities, games, role-play, individual assignments were part of this activity based workshop.
बायोडाटा के अंदर कंटेंट जरूरी है
मुख्य विवि में पर्सनलिटी डेवलपमेंट पर कार्यशाला

(1) यूरोपीय एनमी फैसला ऐसा हो कि उसका शेष ज्यादा कंट्रॉल न लगे। पेट, शर्ट बेडों में रखना हो और पहनाना चाहिए या पहनने को तरह न लगे। एक शेष हड़प, एक लाख हो तो तेरा। टाई न तो पेल हो न हो ओवर शेष। (2) यूरोपीय मार्केट सेंटर में डूब्स के लिए जाए जाए जो पहनना जीव, शार्ट या सलामी शर्ट हो सकता है। ऑएफऱ्ड या रिक्सेनिट के साक्षाते में हादी का पहनना बहुत है। (3) जेलए का तेजी ज्यादा धमाल देने की जरूरत है। जेलए व्यस के अन्दर अर्जित देने की जरूरत है। (4) पर्सनलिटी के लिए वहीं व्यस के न हो कि उसकी नयी जीवन मौका की प्रतिवाद का। प्रतिवाद की माक से लेंगे कि वह आत्मा शीत न हो कि उस उत्तर की जरूरत। (5) अपने बाहर में बनाए रखने, तिस सदा ज्यादा में बनाए रखने का बिना हुआ। जेलए अभिज्ञ से दौरान इतिहास हो जो कि दौरे से आयें कोई आत्मा।
• Was Board Member of INDUS (Indian SAP User Group) is a professionally-managed association of business and technology professionals. http://www.induscommunity.com/pages/indus-board

• Mentor at the Indian Network (All India Network of Start-up companies and Entrepreneurs) http://www.theindianetwork.in/mentor2.html

• Part of Various IT Juries, Panels, and Advisory Boards
Letter of Intent

To
The BHCNC,
CSI,

Sub: CSI Elections 2022-2023/2024
Nomination for the Post: Divisional Chairperson (Division-1) Systems

Dear Sir,

This is with reference to the CSI elections; I am writing to express my genuine interest in the honorary position of Divisional Chairperson (Division-1) Systems. I am already working as a Group CIO for an Indian Multinational conglomerate; RJ Corp and I am having 27 years of experience in the field of Information technology. Apart from my regular job, contributing to social causes and giving back to society is my passion. I take regular classes with various institutes, participate and Industry panels and write research papers and run a non-profit organization and professional Industry body.

You'll find that I am a dedicated, self-motivated team player who is accustomed to a leadership role. I have a history of leading various social and professional bodies and turning them around to have successful outcomes in a professional setting, and I believe I would be the ideal candidate to contribute to CSI.

I'm excited by all the challenges inherent in the position and look forward to the opportunities it presents. I intend to explore the close association of the CIO community with the CSI network of education institutions and create opportunities for mentoring and guest lectures to students on the issues of Digital Transformation, Digital Innovation, and New Age technologies. We can also explore the opportunities for CSI Network students to have meaningful internship and job opportunities at various corporates through the CIO members of our association. I intend to explore the possibilities of starting a special interest group of CSI in the area of Applied AI and Blockchain. I can help Executive Committee to revitalize CSI with close industry contacts and arrange at least two workshops in the next 6 months on some interesting subjects for corporate users and IT professionals. We can also plan for a major National conference in partnership with the CIOs Of India. The suggested topics may be “AI: The New Frontier of Growth”, “Digital Innovation: A need of Hour”

There are many such initiatives which can be taken, and we can make CSI a truly educational and professional society.

Regards and Thanks

Dr Kamal Karnatak
I1154344
B-61, Navkunj Apartments, IP Extension, Delhi 110092
9711321000, kkarnatak@gmail.com
POST FOR WHICH NOMINATED: Divisional Chairperson (Division 1) – Systems

1. Name : Prof. Sunil Kumar Pandey
2. CSI Membership No. : I1510392
3. Membership Type: Life/Annual/Institutional : Life Membership
4. CSI Membership since : 2004
5. E-mail address : sunil_pandey_97@yahoo.com
6. Date of Birth (Age) : 15/03/1972
7. Postal Address : S – 308, Royal Legacy Apartment
                  Sector – 18, Vasundhara,
                  Ghaziabad - 201012

8. Phone/ Mobile/ Fax Nos. : 91-9910370632
9. Educational Qualifications : MCA, Ph.D.

10. Publications – relevant to the office being nominated for:

1. I have been acting as Member of Editorial Committee of CSI Communications

2. With an experience of over 24+ Years in Industry and Academia and having interest in Cloud, Blockchain, Soft Computing & Database Technologies. I have 10 Patents, 01 Copyright credited to my name. I have published 65+ Research Papers, Book Chapters with leading publishing houses including Springer, Willey, IGI etc.

3. I am a regular author of Articles in different Print and Online Platforms including Articles, Interviews, Views and has published 11 edited volumes on different relevant themes of Information Technologies.

4. I have been providing & coordinating training and consultancy to various reputed organizations including Indian Air Force, Manipal Group, GDA etc. and has been speaking at different forums in India and abroad as speaker, panelist, Expert lectures and guest talks in various Summits/ Conclaves/National/International /conferences/Seminars.

5. I have conducted 25+ National/ International Conferences/ Summits/ Conclaves and conducted several FDPs’ Conferences sponsored by AICTE, CSI, DST and other leading organizations. He has also conducted large number of FDP/Entrepreneurship Programs supported by EDI/ AICTE/ DST/ UGC.

6. I have guided 5 Ph.D. Scholars in which 02 have been awarded with Ph.D. I am also a Thesis Evaluator of various Universities of the Country.

7. I have been speaking regularly on various forums of Academia and
Industry including Summits, Conferences, Conclaves, FDPs and so far have delivered over 300+ Talks on various leading forums/ Central Universities and Institutions.

Recent Views/ News & Interviews:

15. My Address in 12th World Education Summit, New Delhi https://www.youtube.com/watch?v=1U3XFt12Ca8&tl=22s

Professional Certifications

1. "Executive Data Science" - a 5-course specialization in Data Science by Johns Hopkins University, USA on Coursera. Specialization Certificate earned on July 3, 2016.
2. Certificate on “Data Science in Real Life” by Johns Hopkins University on Coursera. Certificate earned on July, 03th, 2016"
8. IBM DB2 Certified Professional (Id : PR1476733)
9. IBM RAD Certified Professional (Id : PR1476733)
10. Dale Carnegie Certified Faculty under Wipro Mission10X Programme
11. MxLA Certified Faculty under Wipro Mission10X Programme

11. Contribution to the IT profession:

In addition, as Director (IT), I am also responsible for overall IT Infrastructure Design, Development and Maintenance of different Institute of the I.T.S – The Education Group with one of the best IT Set-up in the vicinity. The current IT Set-up, I am managing is with over 1000+ Computers connected through wired network, Over 2500+ Laptops connected with secure Wireless Network infrastructure, with high-end IT Security Solutions and seamless Internet connectivity, licensed Software Solutions.

Lead the Team for Digital Migration of entire Academics at I.T.S – The Education Group even before the Lockdown was imposed in view of Pandemic COVID-19 from 17th March 2020. We were the first Institute in UP fully migrating and starting classes in online mode. This included identification of Platforms, training of Faculty, Staff and Students and migrating from conventional Class Room Teaching to Digital Online Teaching including Monitoring, Assessment and evaluation. Identified and exploring tools, technologies and platforms, procurement, deployment, training and monitoring of entire process. This included Online Conference, FDPs, Global Entrepreneurship Summit, Digital Summit, Guest Talks by Industry Leaders with varying No of Participants from 50 to 1000 Users concurrently. We also conducted many Online Sessions on creative awareness about COVID-19 by leading Health Care Experts, Cyber Crimes and Industry Challenges. We received recognition and acknowledgement from various reputed organizations.

For about one and half decade, I along with my team has been involved in designing and developing the best of the ICT Infrastructure and facilities in Academic Institutes with excellent security and managed approach.

12. Contribution made to CSI:

Have served Computer Society of India in following capacity in past:

1. Member – Editorial Committee, CSI Communication
2. Ex. Regional Coordinator Computer Society of India - Region-1
3. Ex. State Coordinator - Uttar Pradesh, Computer Society of India
4. Member – Managing Committee, Ghaziabad Chapter
5. Member – Nomination Committee, Ghaziabad Chapter
6. Founder member of CSI Ghaziabad Chapter, The CSI Ghaziabad Chapter
was inaugurated at my Institute (I.T.S Ghaziabad).

7. Organized more than 200+ Inter-institutional Events/ Workshops, Training Programs, Workshops, Seminars/ Conferences, Summits, Conclaves etc.
9. Organized more than 75+ Workshops on latest Technologies including Android, IoT, Python, Wordpress, Big data & Hadoop, Data Science, Java Programming at more than 35 Institutes across UP, Bihar, Delhi, Himalac Pradesh.
10. Organized 04 consecutive years our famous event Young Talent Hunt event across the UP in association with CSI Ghaziabad Chapter and CSI Student Branch at I.T.S, Ghaziabad in which every year 15000+ Students from various Institutes of all across UP participated.
11. Actively involved in various initiatives and activities of Computer Society of India including Guest Editor of CSI Communications for Issue February 2019 (Vol. 41, Issue-11)
12. Received Best CSI Accredited Student Branch Award from Computer Society of India in Annual Convention held at JNTU, Hyderabad.

13. Experience - relevant to the position nominated for :

I am actively involved in knowledge sharing, discussion and providing my inputs on various forums of IT Industry all across the country. Also I have always put my best of efforts to take forward the cause of Computer Society of India among young kids through various initiatives including formal training programs, workshops, slum education and other activities as volunteer’s basis by including my faculty team and students across the state of UP in which over 15000+ students of various institutes have been participating every year. I am happy to mention that we have conducted over 200+ workshops/ Training program free of cost for students all across the country in Online Mode which has covered in all over 28 states of the country.

In addition to above, have done following activities:

- Took 100+ Sessions as Resource Person in the field of Database Technology, Internet of Things, Social Media Analytics and In-Memory Databases at large number of institutes/ events including Central Universities and other institutions of repute.
- Conducted Training Programs, delivered Guest Lectures & conducted Workshops on various themes at different prestigious organization including Indian Air Force Station, Ghaziabad. Over 500+ Air Warriors & Officers have been trained in these Training Programs.
- Organized innovative & unique events with grand success & huge participation of Industry Leaders in the context of academic Institute including CEO Meet, CXO Meet, Digital Conclave, ICT Summits in which Industry leaders of about 50+ Global IT Companies including Microsoft, Facebook, IBM, Dell, IIT Delhi, Polaris, Infosys, NIIT Technologies, Tech Mahindra, Ericson, Huwaei Telecom, Dhiragu Telecom Maldives, Aircel, CDSL, Vyozen Technologiesetc addressed the gathering. The events were well appreciated by about 1000 delegates from Industry, Academia and Government organization who attend the event.
- Invited as Invited Speaker and Technical Chair in more than 100 Conferences, Summits, Seminars of Industry & Academia, FDPs, other prestigious events including -
Annual Conventions of Computer Society of India, Indian Science Congress, Conclaves of Industry held at various places like New Delhi, Bangalpore, Mumbai, Hyderabad, Kolkata, Patna, Gay. Addressed as Key Note Speaker, Invited guests at leading institutes of the country including Gaya College, MahilaMahavidyalaya - Patna, Patna Women's College – Patna, Central University of Himachal Pradesh – Dharmshala etc.

Organized first IT Summit in the vicinity in which Industry Leaders from Oracle Corporation, TCS, Wipro, NIIT Technologies, Birlasoft, Steria, SAP Labs, SOPRA Group, SOftPak21, BM Engineers etc. addressed the gathering.

Spoke as invited Speaker in a00+ Seminars, Conferences, FDPs and SDP at various Institutions across the country.

Was invited as Expert Member of Panel on Role of ICT in Global Business Landscape he at IMT, Ghaziabad held during 01st to 03rd February, 2015 at IMT Ghaziabad.

Delivered talk as invited speaker in 101st Indian Science Congress held at Jammu. I also chaired one of the sessions in Indian Science Congress in ICT Section.

14. Honours/ Professional Recognition:

1. Received prestigious IT Industry 11th Infosec Maestros Awards 2022 (Special Achievers Category) by CIS Connect & CIO AXIS on 19th May 2022.

2. Received Channel-Recommended Top CIO Of India Award – 2022 by Digital Age Magazine, Dell Technologies and IRIS Global on 11th February 2022.

3. Received Dr. Sarvapali Radhakrishnan Teacher Excellence Award-2021 jointly conferred by AICTE & Shikshak Kalyan Sangh on 22.12.2021 at Constitutional Club of India, New Delhi by Union Minister of State, Ministry of Education Dr. Subhash Sarkar and Union Minister of State, Ministry of Law & Justice Prof. S.P. Singh Baghel.

4. Winner of Grand Finale of The World CIO 200 held on December 5-6, 2021 in UAE. Received the Award of WorldCIO200 Award – 2021 in the Grand Finale of the one of the most prestigious Global Event of IT Industry “TheWorld20CIOSummit – 2021” organized by GEC Media Group and held in Dubai during 5th to 7th December 2021. In this Grand Finale 200 winners from 40 Countries were selected and awarded in this event.


7. Honored by Uttar Pradesh Higher Education Department and CCS University, Meerut for contribution in the field of Higher Education and implementation of NEP-2020 on 5th September 2021.

8. Received Best Director (Above age group 40 Years) by GISR Foundation on 11th September 2021.

https://www.iafindia.com/dr-sunil-kr-pandey/

9. Received Special Recognition Award - 2021 for Academic Excellence in Principal Category under IEI BLC-FCRIT Excellence Award. The award was jointly presented by The Institution of Engineers (India), Belapur Local Center and Fr. C. Rodrigues Institute of Technology, Vashi during ICNTE 2021, held at Fr. C. Rodrigues Institute of Technology, Vashi on January 16, 2021.


11. Received Transformational CIO Award – 2021 by Enterprise IT World supported by CtrlS Data Center on 9th July 2021 for contribution in Data Center Management.

12. Received "Man of Excellence Award - 2021" by renowned Indian Achievers Forum in recognition of Outstanding Professional achievements and contribution in Nation Building.

13. Received prestigious Award of IT Industry 10thInfosec Maestros Award – 2021 in recognition of efforts and result in securing Digital Resources in my organization by CIOAXIS &
CISOCONNECT 21st May 2021. This is considered to most respected Honor to IT Professionals.

14. **Prestigious CXO Tech Excellence Award – 2020** awarded by CXO TV and Tech Plus Media for extra ordinary work executed to power business through Innovation, foresight and unique IT Strategies

15. **COVID-19 Super Hero CIO Award – 2020** by Enterprise IT Magazine

16. Received **appreciation from Ghaziabad District Administration** for my support and significant work & contribution in implementation of AB-PMJAY (Ayushman Bharat – Pradhan Mantri Jan Arogya Yojna) on 23rd September 2019.

17. Received **CIO of the Year Award – 2019** on 14.12.2019 during Global CIO 500 Summit held at New Delhi by Enterprise IT World, Dell and Ingram at New Dell.

18. **Honored by Dr. APJ Abdul Kalam Technical University (AKTU formerly known as UPTU), Lucknow** in recognition of my contributions in Academic Growth of the University on 26th July 2018.


20. Awarded with Change Agent 200 Award from Enterprise IT Word 2018 at Gurugram

21. Awarded with Global CIO 100 Award (India Edition) – 2018 at Mumbai

22. CIO Crown Award – 2018 at Mumbai by CORE Media & Google at New Delhi


25. BIG CIO 100 Award-2018 by Trescon Global at “BIO CIO Show & Awards – 2018” organized at Hotel Leela, Mumbai

26. Data Centre Award - 2018 by Data Centre Consortium & UBTTransform for Design (Infrastructure Management)

27. Next100 CIO Award - 2017 by 9Dot9 Media and Enterprise IT at Amritsar - https://www.youtube.com/watch?v=Xhf0YXj7Bz8&t=13s


29. 3E Scholar Award – 2017 by 3E Innovation Foundation on 5th September, 2017 at New Delhi

30. Recipient of Top 50 Most Innovative CIO/CTOs Award of India – 2017


32. Recipient of “Data Center Award for Capacity Management of ICT Infrastructure & Services” (June, 2017) at ITS Gardenia, Bangalore

33. Recipient of Top College CTO Award by Digital Edge & Dell-2016, New Delhi

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**15 Other Relevant Information:**

- Coordinated the bidding and conduct of training programme for the **Indian Air Force** (Hindan Base) on various technologies. In these training programs over 850+ Air Force Officers and warriors have been trained so far on various Technologies including Databases, Web Application Development, IT Awareness Courses etc.

- Actively involved in implementation of e-Collectorate Project **“e-Patravali”** in Ghaziabad District. Conducted and Coordinated Training Programme for the employees of Ghaziabad District Collectorate on **e-Collectorate Project**. Total 66 Employees of Ghaziabad Collectorate received the training.

- Academic Consultancy for Manipal Universal Learning Pvt Ltd, Bangalore, a learning resource center of a number of Universities in India & abroad.

- Have been actively participating and invited as Resource person Cyber Warfare Week celebrated by Indian Air Force.
46. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years:

  a. Positions held: NA

  b. Statements of Intent submitted for the above positions:

    If elected as the Divisional Chairperson (Division 1) – Systems, I would work towards:

    ➢ To form an active Group of people those who are into Systems Design & Development and to work for exploring the possibilities to tie-up with the Institutions to increase awareness and creating a pool of young professionals who would understand and appreciate the Systems aspects of Computer Science.

    ➢ Would work to take the initiatives to Schools so that a complete eco system could be developed to seed the thought process of taking interest in Systems apart from applications and Networking aspects.

    ➢ To work for exploring the possibilities of setting up small center/ center of excellence for IoT/ AI & ML and Robotics at colleges to encourage the students and faculty team for constructive engagement toward such systems design and development as pilot project.

    ➢ I confirm that I shall follow all bylaws of Computer Society of India and shall be available for all NC Meetings and other meetings which will held time to time.

  c. Results achieved/ action taken: NA

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee

(Prof. Sunil Kumar Pandey)

Date: 06/06/2022

** Give information in brief (last 3 year ) - Use additional sheet if required
**BIO DATA (format)**

**POST FOR WHICH NOMINATED:** DIVISIONAL CHAIRPERSON (DIVISION 2) - SOFTWARE.

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1. Name</td>
<td>K MOHAN RAIDU</td>
</tr>
<tr>
<td>2. CSI Membership No.</td>
<td>I1501169</td>
</tr>
<tr>
<td>3. Membership Type</td>
<td>Life Member</td>
</tr>
<tr>
<td>4. CSI Membership since</td>
<td>March, 2014</td>
</tr>
<tr>
<td>5. E-mail address</td>
<td><a href="mailto:kmraidu@informaticsindia.com">kmraidu@informaticsindia.com</a></td>
</tr>
<tr>
<td>6. Date of Birth (Age)</td>
<td>29-06-1954</td>
</tr>
<tr>
<td>7. Postal Address</td>
<td>1-9-1113/1/A/A, Vidyanagar, Hyderabad</td>
</tr>
<tr>
<td>8. Phone/ Mobile/ Fax Nos.</td>
<td>9985033566</td>
</tr>
<tr>
<td>9. Educational Qualifications</td>
<td>MBA, MA (Philosophy), B.Sc, Sr. Diploma (French)</td>
</tr>
<tr>
<td>10. Publications – relevant to the office being nominated for</td>
<td>Technology Articles on Internet Governance published in News Papers</td>
</tr>
<tr>
<td>12. Contribution made to CSI</td>
<td>Been Convenor for CSI – 2014 GJ Convention at Hyderabad, Convenor of CSI KSS – 2014 and Chairman of CSI Hyderabad Chapter 2017-18. Heading CSI Technology Council. I have Started CSI Tech Talk series at CSI Hyd Chapter. CSI Digital Life Programme – The Digital Literacy Programme was designed and implemented by me among the rural citizen as part of the activities of several CSI Student Branches. I have initiated CSI Research Council drawing members from Defense And Scientific Labs and Universities.</td>
</tr>
<tr>
<td>14. Honors/ Professional Recognition</td>
<td>Received Best Software Product Awards from Govt Andhra Pradesh And FICCI.</td>
</tr>
<tr>
<td>15 Other Relevant Information</td>
<td>Member DEC - Digital Economy Commission of International Chambers Of Commerce. Chairman – eGov WG at CCICI. Present Chairman ICT Committee at FTCCI. President- ISoc India – Hyderabad Chapter. Member of CCICI, SPIN-Hyd and JNTUH III Cell. ExecComm Member at ICC, CCICI and FTCCI. Imm.Past Chairman- Rotary Presidents Forum, Hyderabad.</td>
</tr>
</tbody>
</table>
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years : Yes

a. Positions held : RVP 8 2019-20

b. Statement of Intent submitted for the above positions : Yes

c. Results achieved/action taken : Submitted.

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
Date: 07-06-2022

** Give information in brief (last 3 year )

Organised CSI Student Branch Counsellors Meets.
Inaugurated six CSI Student Branches in various Engineering Colleges.
Conceived and implemented CSI Digital Life Programme, CSI Technology Council and CSI Research Council.
Presently, I am administering the CSI Technology Council WhatsApp Group since 6 years.
Identified Scope:
Activities of CSI International Region include, Overseas CSI Membership Development, Launching CSI Chapters abroad, tying up with local Digital / IT Societies & Associations and organizing Technology events abroad. Identifying and enrolling Technology resource persons in India and propose their programmes in our overseas units.

Methodology Adopted:
Forward integration will happen with International Bodies and Backward integration will be with an Organizing Committee and Technology Resource persons in India.

Contacts Established:
Communications have been established with experts and organizations in USA, Australia, New Zealand, Canada, England, Ireland, China, Netherlands, UAE, Malaysia, Singapore, Cuba.

Technology Working Groups:
It is proposed to establish Technology Work Groups from all parts of India in the following areas,
1. Forum for Industry 4.0
2. AI for Health Care, Agriculture and Smart Cities
3. Enterprise Architecture Forum
4. Blockchain Technology Forum
5. Data Centers’ Forum
6. Movie Technologies Forum
7. Cloud Computing Forum
8. Cyber security Forum
9. eCommerce Forum
10. Data Science Forum and
11. eGovernance Forum
12. Internet Technology Forum

Steering Committee:
International Region needs an expert team. For that, apart from myself, three expert resource persons from North, West and East have been identified to be part of the team.

Tasks Performed:
1. Registered CSI with Howdy Modi event in Houston, obtained an Organization Code and enrolled 81 delegates using CSI Code for the event.
2. Working on collaboration with IVL, a USA based Society on Smart Village in 100 Days Project, which will be implemented in India by CSI Chapters and Student Branches.
3. Coordinated with Indian Hotels Association is USA for providing temporary stay for Indian Students during COVID19.
4. Helped Indian Students in USA establish contacts for returning to India. Helped them in getting flight bookings for return journey.
Statement of Intent for Election 2022-2023/2024

K Mohan Raidu – Contesting for Divisional Chairperson (Division 2) - Software

After I am elected, I intend to implement the following for the CSI Software Division.

My Focus for the CSI Software Division will be on the following,

1. **State of Art Technologies**
   By coordinating with resources from Industry and Academia within CSI, I propose to create **Working Groups** on some of the modern Technologies such as, Quantum Computing, Edge Computing, Metaverse, AR / VR, AI, Blockchain, Cloud Technologies and Cyber Security. These WGs will enroll interested CSI members across the country and plan their activities, such as interacting with Industry, creating Blogs, organizing events bringing out news letters writing articles for Journals etc.,

2. **Industry Relations**
   Establishing CSI’s Working Relations with the Industry. Software is the driving factor for every industry today. Therefore, CSI will have to forge working models with the Industry within IT and Manufacturing areas. I propose a Sub Committee be formed for Industry Relations to establish working models and practices with the Industry.

3. **Research And Development**
   R&D in Software is a very important function. R&D is taking place in most Industrial organizations, Universities, Institutions and Defense. I propose to constitute an expert team from the CSI Memberships. This will make CSI become part of the National Level Software Research and Development Programmes.

4. **Software Standards**
   CSI is the largest and oldest forum in the IT with members from all sectors. Today, it is the Standards, that measure and qualify a Software Product or a Service. CSI with its experts available in Software Standards, must assume Strong Roles in Software Standards at National and Global Forums. I propose to invite the Software Standards specialists and enable this process.

5. **Integrating with Government Bodies**
   CSI should become part of the policy making and management bodies of the Software related decision support systems in the Central Government, all State Governments’ and Enterprises. I propose to create a team of CSI Members with relevant exposures to handle this aspect.

6. **Public Image Building for CSI Software Division**
   While planning, organizing and executing the above programmes is one aspect, creating the right public image about them is an equally important aspect. I propose to create a Digital Media Cell to gather the info from across the CSI Entities in the country and flash them in Digital, Social, Electronic and Print Media on a sustained basis to create vast public image for CSI Software Division.
BIO DATA

POST FOR WHICH NOMINATED: Divisional Chairperson (Division 2) - Software (Even Year)

1. Name: Dr. R. NANDAKUMAR
2. CSI Membership No.: 00070999
3. Membership Type: Individual - Chapter Patron & Senior Life Member
4. CSI Membership since: May 28, 2001 (as Life Member)
5. E-mail address: nand.isro@gmail.com
6. Date of Birth (Age): October 20, 1956 (65)
7. Postal Address: B-25, New Anuradha (Hsg.) Association, Ghuma, Ahmedabad - 380058
8. Phone/ Mobile/ Fax Nos.: 079-2979 5851 / +91 9428355379
9. Educational Qualifications: M.Sc.(Maths) & Ph.D.(both from IIT Madras)
10. Publications – relevant to the office being nominated for: See Annexure
11. Contribution to the IT profession: Through publications and voluntary service to professional societies including ACM, CSI, IEEE, INCA, ISG & ISRS
12. Contribution made to CSI: Chairman, CSI-Ahmedabad Chapter 2011-12
13. Experience - relevant to the position nominated for:
   Geospatial Data Scientist and Software Quality Engineer with Space Applications Centre, ISRO (1983-2016)
14. Honours/ Professional Recognition:
   (1) Guest-Scientist at DLR, Germany (1993)
   (2) Secretary, ISPRS-ISRO C-SAP (2005-08)
   (3) Reviewer for J of Geomatics 2008
   (4) Reviewer for online journal SENSORS '09
   (5) Organising Chair, CSI-2011
   (6) Publication Chair, ISEC-2011, 12 & 13
   (7) Indian Copyright owner for i-SAM SW 2018
15 Other Relevant Information: Undertook a course on Programming and Data Structures using PL/1 at IIT Madras (1979)
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: Not Applicable

Signature of Nominee: Sd./- R. Nandakumar
Date: Jun 02, 2022
If I were to be elected as the CSI Division-II Chairperson (Software) for the term 2022/31-03-2024, I would strive to achieve the following within my tenure, jointly with other members of the CSI ExecCom with advice from the CSI Think Tank members:

1. Establish and run a CSI Centre for Software-Quality-Certification for web-enabled software that are meant for public use, using a crowd-sourcing approach to rope in the services of senior citizens, who are experts in defining and assessing various attributes of software quality, within the framework provided by ISO/IEC SQuaRE Standard 25010:2011 (affirmed in 2017) for pre-release software products. More details on this proposal can be seen in my recent publication entitled “Quantitative Quality Score for Software” in ACM Digital Library or alternatively from my ResearchGate web page. Such certification will greatly help the society in accessing desired data product/ information/ application/ service with assured quality without wasting time and energy in the search process. This involves state-of-the-art software development to be used by the proposed Centre. This could be part of the CSI Education Directorate.

2. Arrive at a new multimedia Standard for geospatial data/ information exchange jointly with other international organisations involved in similar activities. The new pdf standard will accommodate interactive multimedia embeddings in multiple dimensions, with provisions to directly access the contents using annotated labels/ bookmarks on a large digital screen.

3. Create and nurture software related Special Interest Groups (Eg.: Quality, Productivity, FOSS, etc.) and facilitate interactions among members and with the public at large.

4. Provide timely inputs to the Government of India on Software related policy matters.
POST FOR WHICH NOMINATED: Divisional Chairperson (Division 2)-software

1. Name : Dr. M. Senthil Kumar
2. CSI Membership No. : 11504760
3. Membership Type : Life
4. CSI Membership since : 2016
5. E-mail address : msen1982@gmail.com
6. Date of Birth (Age) : 04/01/1982 (41)
7. Postal Address : Associate Professor/CSE, SRM Valliammai Engineering College, Kattankulathur- 603203.
8. Phone/ Mobile/ Fax Nos. : 9994520740/8838852559
9. Educational Qualifications : M.E, Ph.D.
10. Publications – relevant to the office being nominated for:

   **18 Technical Articles in CSI Communications**
   
   Published 1 Research Paper in CSI Journal of Computing
   
   Presented 1 Paper in CSI Annual Convention at Bhubaneswar.

11. Contribution to the IT profession: More than 70 technical papers in Reputed Journals/Conferences & Book Chapters.


   Steps taken to establish the Kancheepuram Chapter.

   Enrolled more than 150 New Life Members in CSI from 2018 to till date.

   Conducted many activities to Students and members in different locations to promote CSI.

13. Experience - relevant to the position nominated for:

   **Honorary Secretary, Adhoc Committee, CSI Kancheepuram Chapter (2018-2019)**

   **Honorary Secretary, CSI Kancheepuram Chapter (2019-21)**

14. Honours/ Professional Recognition:

   **ISTE Periyar Best Engineering College Teacher Award 2021** from ISTE

   **Significant Contribution Award** from CSI for 2018-2019.

   **Faculty with Maximum Publication Award** from CSI for 2018-2019.

   **Longest Continuous SBC Award** from CSI for 2016-17, 2017-18 & 2018-19.

15. Other Relevant Information : Organized State Level CSI Convention in March 2018, Feb 2019 and May 2022 at SRM Valliammai Engineering College. Conducted more than 100 Events for the Life Members and Student Volunteers.

16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: NIL

   a. Positions held
   
   b. Statements of Intent submitted for the above positions: Submitted
   
   c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
Date: 31.5.22

**Give information in brief. (last 3 year) - Use additional sheet if required**
STATEMENT OF INTENT

1. I attest that I have qualification and experience to serve as a Divisional Chairperson (Division 2)-software.

2. I assure that, I will devote adequate time for the society’s work.

3. I assure that, I will execute my responsibility to promote CSI activities in different regions.

4. I assure that, I will work according to CSI Bylaws and Constituencies.

5. I assure that, I will perform for the betterment of society.

6. I have been closely associated with CSI, so I can promote CSI in different types of audience.

7. I will put my sincere efforts to significant change in Divisional Chairperson (Division 2)-software.

Signature 31/5/2022
BIO DATA

POST FOR WHICH NOMINATED: Divisional Chairperson (Division 2) - Software (For the Term 2022-31/3/2024

1. Name: DR. VIJAY SINGH RATHORE
2. CSI Membership No.: I1502301
3. Membership Type: Life/Annual/Institutional Lifetime
4. CSI Membership since: 21st Dec, 2014
5. E-mail address: vijaydiamond@gmail.com
6. Date of Birth (Age): 11th July, 1978 (44 Years)
7. Postal Address: S-5, BANKERS COLONY, MAHARANA PRATAP MARG, PANCHYAWALA, JAIPUR -302034
8. Phone/ Mobile/ Fax Nos.: +919783307390
9. Educational Qualifications: PhD (Computer Science), MTech (Comp. Sc.), MCA
10. Publications – relevant to the office being nominated for: Detailed CV Attached
11. Contribution to the IT profession: Detailed CV Attached
12. Contribution made to CSI: Detailed CV Attached
13. Experience - relevant to the position nominated for: Detailed CV Attached
14. Honours/ Professional Recognition: Detailed CV Attached
15. Other Relevant Information: Detailed CV Attached
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: Chairman, CSI Jaipur Chapter
   a. Positions held: Chairman, CSI Jaipur Chapter
   b. Statements of Intent submitted for the above positions: Attached
   c. Results achieved/ action taken: Detailed CV Attached

Signature of Nominee, Date: 3rd June, 2022 Place: Jaipur
Dr. Vijay Singh Rathore

Attached herewith Photograph and Relevant Details: Attached here under

Profile CV
Prof.(Dr.) Vijay Singh Rathore
PhD(Computer Science)-2007,
MCA, MTech(CS), MBA.,
ICAD-USA, ICDA-USA,
Diplomas in French & German)

Teaching Experience: 20 Years

Head-CS & Director-International,
IIS (Deemed to be University), Jaipur

Secretary, ACM Professional Chapter Jaipur

Research Area: Cloud Computing, IoT & Security

ORCID ID: https://orcid.org/0000-0001-8651-4085
Researcher ID: J-5101-2017
Scopus Author ID: 57188553485
Facebook ID: https://www.facebook.com/ vijay.s.rathore.39
E-mail Address:
vijaydiamond@gmail.com
vijaysingh.rathore@iisuniv.ac.in

Mobile: +919783307390
Postal Address:
S-5, BANKERS COLONY, MAHARANA PRATAP MARG, PANCHYAWALA (VAISHALI NAGAR), JAIPUR-302034

Past Chairman, CSI Jaipur Chapter (Id I1502301)
IEEE Professional Member (Id 94011888)
ACM Professional Member (Id 7838806)

Scopus Indexed Papers
30+

Google Scholar
Citations: 224
h-index : 8 i10 index : 6

Scopus
Papers: 30 h-index : 2

Research Gate
Score: 9.36 h-index : 2

Date of Birth (Age):
11th July, 1978 (43 Yrs)

Current Status:
- Head-CS & Director-International, IIS (deemed to be) University, Jaipur
- Secretary, ACM Professional Chapter Jaipur
- Past Chairman, CSI (Computer Society of India) Jaipur Chapter
- Three Patents
- Registered Supervisor of Ph.D. (CSE/IT/MCA) in Rajasthan Technical University, Kota
- PhD Supervised in Computer Science and Engineering
  (Awarded: 18, Under Supervision: 09)
- Member of Various Committees of UGC, IGNOU, RTU, UOR, UOK, VMOU, IISU, SGVU, JNU, JNVU, UOJ, JRNRVU, JU, Anna University etc.
- Research Papers: (Total 97 Papers, 18 National, 79 International)
  (Includes Springer, Elsevier, IEEE, etc indexed with Web of Science, Scopus, Google, etc.)
- Reviewer in some National and International Journals including Transactions on Computational Science (TCSC)
- Books Written: 10 Books on some subjects of CSE, IT and Management.

**International Academic Visits:** (UK, USA, Canada, France, Netherlands, Singapore, Vietnam, Thailand etc.)

<table>
<thead>
<tr>
<th>SNo</th>
<th>Country</th>
<th>Role</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UK</td>
<td>To attend an International Conference ICICT 2020 (<a href="http://www.icict.co.uk">www.icict.co.uk</a>) as Invited Speaker/Session Chair &amp; to receive “Award of Appreciation” and visited to seek Collaborations of IISI with some leading Universities of UK such as, University of Cambridge, Oxford Brookes University, City of Oxford College, Brunel University, University of Lincoln, Dudley College of Technology, Queen Mary University of London, UK <a href="https://iistie.iisuniv.ac.in/sites/iistie/themes/business/UKVISIT.pdf">https://iistie.iisuniv.ac.in/sites/iistie/themes/business/UKVISIT.pdf</a></td>
<td>19th Feb, 2020 to 29th Feb, 2020</td>
</tr>
<tr>
<td>2</td>
<td>Thailand</td>
<td>As Invited Speaker &amp; Session Chair in SmartCom-2020 (Fourth International Conference on Smart Trends for Computing &amp; Communications) and to Receive “Award of Appreciation” on 24-25 Jan, 2020 at Hotel Novotel, SIAM Square, Bangkok, Thailand</td>
<td>24th Jan, 2020 to 25th Jan, 2020</td>
</tr>
<tr>
<td>3</td>
<td>Canada</td>
<td>As a Member of Indian Higher Education Knowledge Delegation to CANADA (Toronto) led by Prof Anil D Sahasrabudhe, Chairman, AICTE, &amp; Dr. B.L.Rama, Advisor, AICTE along with 10 Delegates. Institutions visited are University of Guelph (Toronto), University of Waterloo, Carleton University (Ottawa), Indian High Commission (Ottawa), Minister of Education (Ministry of Ontario, Toronto), Ryerson University (Toronto), Seneca College of Applied Arts &amp; Technology (Toronto), Mohawk College (Hamilton), York University (Hamilton) etc. <a href="https://iistie.iisuniv.ac.in/sites/iistie/themes/business/canadavisit.pdf">https://iistie.iisuniv.ac.in/sites/iistie/themes/business/canadavisit.pdf</a></td>
<td>20th May 2019 to 30th May 2019</td>
</tr>
<tr>
<td>4</td>
<td>USA</td>
<td>As Visitor Professor to Metropolitan College of New York, along with Dr. Amit Joshi, Chairman, GR Foundation</td>
<td>28th May 2019 to 29th May 2019</td>
</tr>
<tr>
<td>5</td>
<td>Thailand</td>
<td>As Invited Speaker &amp; Session Chair in SmartCom-2019 (Third International Conference on Smart Trends for Computing &amp; Communications) and to Receive “Award of Appreciation” on 24-25 Jan, 2019 at Hotel Novotel, SIAM Square, Bangkok, Thailand</td>
<td>24th Jan, 2019 to 25th Jan, 2019</td>
</tr>
<tr>
<td>6</td>
<td>USA</td>
<td>As a Member of Indian Higher Education Knowledge Delegation to USA (New York) supported by AICTE, Along with 30 Delegates led by Dr. Dileep N. Malkhede, Advisor (AICTE), and Dr. Rajeev Kumar, Advisor (AICTE). Visited Universities such as MIT, Harward, NYU, Pennsylvania, Connecticut, MCNY, and US Deptt of Education, U.S. Chamber of Commerce, Embassy of India at USA etc.</td>
<td>4th Aug, 2018 to 18th Aug, 2018</td>
</tr>
<tr>
<td>7</td>
<td>UK</td>
<td>As Co organizer (PC Chair) of the International Conference ICICT 2018 at London (<a href="http://www.icict.co.uk">www.icict.co.uk</a>) and As Delegate to discuss collaboration opportunities of JECRC foundation with Lincoln University, UK</td>
<td>22nd Feb, 2018 to 3rd March, 2018</td>
</tr>
<tr>
<td>8</td>
<td>Singapore</td>
<td>As Professor Visiting at NTU (Nanyang Technological University, Singapore) to understand research initiatives and educational practices and to discuss collaboration opportunities of JECRC foundation with NTU.</td>
<td>20th Jan, 2018 to 25th Jan, 2018</td>
</tr>
<tr>
<td>9</td>
<td>UK</td>
<td>As a Member of Indian Higher Education Knowledge Delegation to UK led by Prof Anil D Sahasrabudhe, Chairman, AICTE, &amp;Dr. Dileep N. Malkhede, Advisor, AICTE along with 28 Delegates.</td>
<td>9th July, 2017 to 21st July, 2017</td>
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<tr>
<td>SNo</td>
<td>Conference Name &amp; Detail</td>
<td>Venue</td>
<td>Role</td>
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</tr>
<tr>
<td>1</td>
<td>FICR-TEAS 2022: 2nd FICR International Conference on Rising Threats in Expert Applications and Solutions</td>
<td></td>
<td>IIS (deemed to be University, Jaipur, India (Offline))</td>
</tr>
<tr>
<td>2</td>
<td>ICTCS-2021: Sixth International Conference on Information and Communication Technology for Competitive Strategies</td>
<td>Jaipur (Offline)</td>
<td>Co-Chair</td>
</tr>
<tr>
<td>3</td>
<td>ICDAM – 2021: 2nd International Conference on Data Analytics and Management</td>
<td>Poland (Virtual Mode)</td>
<td>Chair</td>
</tr>
<tr>
<td>4</td>
<td>ICTCS-2020: Fifth International Conference on Information and Communication Technology for Competitive Strategies</td>
<td>Jaipur (Virtual Mode)</td>
<td>Co-Chair</td>
</tr>
<tr>
<td>5</td>
<td>“i-Waves 2020”: (International Webinars on Advances in E-Services) by IIS-TIE (The International Cell) of IISU in association with ACM Professional Chapter Jaipur &amp; Speakers from 7 countries (UK, Australia, Italy, Poland, Portugal, Philippines, &amp; Serbia)</td>
<td>IIS (Deemed to be University) Jaipur – Online Mode</td>
<td>Convenor</td>
</tr>
<tr>
<td>6</td>
<td>ICICT 2020: Fifth International Congress on Information and Communication Technology in concurrent with ICT Excellence Awards</td>
<td>Brunel University London, UK</td>
<td>PC Chair</td>
</tr>
<tr>
<td>7</td>
<td>SMARTCOM 2020: Fourth International Conference on Smart Trends for Information Technology and Computer Communications</td>
<td>Hotel Novotel, Siam Square, Bangkok, Thailand</td>
<td>PC Chair</td>
</tr>
<tr>
<td>8</td>
<td>FICR-TEAS 2020: FICR International Conference on Rising Threats in Expert Applications and Solutions</td>
<td>IIS (deemed to be University, Jaipur, India)</td>
<td>PC Chair &amp; Convener</td>
</tr>
</tbody>
</table>

**Key International Conferences Organized (During 2016-2020)**

**5. “i-Waves 2020”: (International Webinars on Advances in E-Services) by IIS-TIE (The International Cell) of IISU in association with ACM Professional Chapter Jaipur & Speakers from 7 countries (UK, Australia, Italy, Poland, Portugal, Philippines, & Serbia) **

**Venue:**
- IIS (deemed to be University, Jaipur, India (Offline))
- Poland (Virtual Mode)
- Brunel University London, UK
- Hotel Novotel, Siam Square, Bangkok, Thailand
- IIS (Deemed to be University) Jaipur – Online Mode
- London Metropolitan

**Role:**
- PC Chair & Convener
- Co-Chair
- Chair
- Co-Chair
- Convenor
- PC Chair
- PC Chair
- PC Chair & Convener
- PC Chair

**Publication:**
- Springer LNNS (Scopus Indexed)
- Springer LNNS (Scopus Indexed)
- Springer LNNS (Scopus Indexed)
- Springer LNNS (Scopus Indexed)
- NA
- Springer AISC (Scopus Indexed)
- Springer SIST (Scopus Indexed)
- Springer AISC (Scopus Indexed)
- IEEE

**Duration:**
- 7th - 8th Jan, 2022
- 17th - 18th Dec, 2021
- 26th June, 2021
- 11th - 12th Dec, 2020
- 13th – 19th Aug, 2020
- 20th – 21st Feb, 2020
- 24th – 25th Jan, 2020
- 17th -19th Jan, 2020
- 30th –31st July, 2019
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<tr>
<th>SNo</th>
<th>Award Name</th>
<th>Purpose</th>
<th>Event/Venue</th>
<th>Date/Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Outstanding Academic Leader of the Year</td>
<td>For Active contribution in technical education, research, publications, and international affairs.</td>
<td>UILA Awards - 2021 Universal Innovators Leadership Awards - 2021 on 20th Feb, 2021 at Saheed Sukhdev College of Management, New Delhi</td>
<td>20th Feb, 2021 New Delhi</td>
</tr>
<tr>
<td>2</td>
<td>Award of Recognition of Service</td>
<td>In Appreciation for Contributions to ACM as Secretary Jaipur ACM Chapter 14-Aug-2019 - 13-Aug-2020</td>
<td>Awarded Online By Dr. Gabriele Kotots ACM President, and Dr. Elisa Bertino ACM Secretary/Treasurer</td>
<td>13th Aug, 2020 Jaipur</td>
</tr>
<tr>
<td>3</td>
<td>Award of Appreciation</td>
<td>In recognition of the active participation in the international delegations and playing valuable role in seeking collaborations with international universities.</td>
<td>By Prof. R. Simon Sherratt (University of Reading, UK) At “ICICT 2020 – International Congress &amp; Excellence Awards”, Brunel University, London (UK)</td>
<td>21st Feb, 2020 London</td>
</tr>
<tr>
<td>4</td>
<td>Award of Appreciation</td>
<td>For Active contribution in the promotion of research in Computing &amp; Communications.</td>
<td>By Dr. Chakkai So-In (Khon Kaen University) at SmartCom-2020 at Hotel Novotel, Bangkok, Thailand</td>
<td>24th Jan, 2020 Bangkok</td>
</tr>
<tr>
<td>5</td>
<td>Award of Guest of Honor</td>
<td>For Active contribution in technical education and research.</td>
<td>At “ICTCS-2019” (4th International Conference on Information and Communication Technology for Competitive Strategies” at B.N. University, Udaipur</td>
<td>13th Dec, 2019 Udaipur</td>
</tr>
<tr>
<td>6</td>
<td>Award of Appreciation</td>
<td>For distinguished contribution in the field of education and for nurturing young talent</td>
<td>At “ Principals &amp; Teachers Meet- 2019”, Hotel Royal Orchid, Jaipur</td>
<td>11th Dec, 2019 Jaipur</td>
</tr>
<tr>
<td>7</td>
<td>Certificate of Appreciation</td>
<td>For Active Support and contribution towards making the “Indian Higher Education Knowledge Delegation to Canada” highly successful and beneficial.</td>
<td>At Hotel Holiday Inn Toronto, Downtown Centre, Toronto (Canada) in the Felicitation Ceremony of “Indian Higher Education Knowledge Delegation to Canada”</td>
<td>26th May, 2019 Toronto</td>
</tr>
<tr>
<td>8</td>
<td>Award of Appreciation</td>
<td>For Active contribution in research and academics.</td>
<td>By Dr. Milan Tuba (Serbia) at SmartCom-2019 at Hotel Novotel, Bangkok, Thailand</td>
<td>24th Jan, 2019 Bangkok</td>
</tr>
<tr>
<td>9</td>
<td>Certificate of Appreciation</td>
<td>For Active Support and contribution towards making the “Indian Higher Education Knowledge Delegation to USA” highly successful and beneficial.</td>
<td>By Dr. Dileep N. Malkhede, Advisor (AICTE), and Dr. Rajeev Kumar, Advisor (AICTE), at New York during Indian Higher Education Knowledge Delegation to USA</td>
<td>9th Aug, 2018 New York</td>
</tr>
</tbody>
</table>
10 Felicitation Award
In recognition of the services to the Society at Large in different sector including the Academic Sector.
Honorary Appreciation cum Felicitation Ceremony 2017 (By G R Foundation)
Supported By - CSI Division IV, COEP Pune, Singhad Group of Institutions, Pune in concurrent with Inaugural Function of Second International Conference on Smart Trends for Information Technology and Computer Communications SMARTCOM 2017 (18-19 Aug 2017) at Hotel Four Points By Sheraton, 5th Mile Stone, Nagar Road, Pune
18th Aug, 2017 Pune

11 Certificate of Appreciation
For Immense Support and contribution towards making the "Indian Higher Education Knowledge Delegation to UK" highly successful and beneficial.
By Prof Anil D. Sahasrabudhe, chairman, AICTE (India), At Hotel Holiday Inn Excel Limehouse, London (UK) during Indian Higher Education Knowledge Delegation to UK
16th July, 2017 London

12 Award of Appreciation
For distinguished Contribution in the field of education and for nurturing young talent
Principal & Teachers Meet 2017 at Hotel Royal Orchid, Jaipur organized by Institute of Company secretaries of India (ICSI) Jaipur Chapter. By Sh. Ashok Lahoti, Mayor, Nagar Nigam Jaipur & Prof ShyamAgarwal, President, ICSI, Jaipur
7th May, 2017 Jaipur

13 The Award of Appreciation 2017
For being active academician and innovative researcher.
15th Feb, 2017 London

14 The Significant Contribution Award 2016
For Contribution In CSI Jaipur Chapter As Chapter Chairman and organizing many events under CSI in Rajasthan
CSI Service Awards at at the CSI Annual Convention 2016, 23rd, 24th & 25th January, 2017 at Le Meridian, Coimbatore
25th Jan, 2017 Coimbatore

15 Active Participation Youth Award 2016
For Active Participation in CSI Events and activities in India
CSI Service Awards at at the CSI Annual Convention 2016, 23rd, 24th & 25th January, 2017 at Le Meridian, Coimbatore
25th Jan, 2017 Coimbatore

16 Award of Prominent Academician in ICT Excellence 2016
For being prominent academician and active researcher.
In the Inaugural Function of ICICT 2016 in concurrent with ICT EXCELLENCE AWARDS CEREMONY 2016. by ACM at Bangkok, Thailand
12th Dec, 2016 Bangkok

17 Award of Appreciation
For distinguished Contribution in the field of education and for nurturing young talent
Principal & Teachers Meet 2016 at Hotel Holiday Inn, Jaipur organized by Institute of Company Secretaries of India (ICSI) Jaipur Chapter. By Prof ShyamAgarwal, Vice President, ICSI, Jaipur
4th Dec, 2016 Jaipur

18 ShikshaBhushan Award 2009
for the initiation of HELP (Holistic Education Learning Process) in which a four pillar model was prepared (Academic Skills, Soft Skills, Industry & Social Exposure, and Problem Solving Attitude) for providing industry specific placement oriented education to the technical students
By the then Governor of Gujarat Sh. Nawal Kishore Sharma at ShikshakSammanSamaroh, Aakash deep College, Jaipur
5th April, 2009 Jaipur

| Highest Qualification: |
|------------------------|----------------------|----------------------|
| **Course** | **University** | **Institution** | **Year** |
| Ph.D. (Computer Science) | University of Rajasthan, Jaipur | Institute of Informatics and Instrumentation (I I I), University Campus, UoR, Jaipur | 27/02/2009 (Submitted in 2007) |

<p>| Professional Qualifications: |
|-----------------------------|----------------------|----------------------|-----------|
| <strong>Course</strong> | <strong>University</strong> | <strong>Institution</strong> | <strong>Year</strong> |
| 10th | RBSE, Ajmer | DPS, Jaipur | 1993 | 75.27% |
| 10+2 (Science) | RBSE, Ajmer | Govt. P. Sr. Sc. School, Jaipur | 1995 | 62.92% |
| B.Sc. | University of Rajasthan, Jaipur | University Maharaja’s College, Jaipur | 1998 | 69.85% |
| M.C.A. | University of Rajasthan, Jaipur | Institute of Instrumentation and Informatics (I I I), UoR Campus, Jaipur | 2001 | 78.20% |</p>
<table>
<thead>
<tr>
<th><strong>M. Tech. (Comp. Sc.)</strong></th>
<th>Rajasthan Vidhyapeeth Uni, Udaipur (AICTE Approved)</th>
<th>Rajasthan Vidhyapeeth Uni, Udaipur</th>
<th>2005</th>
<th>77.18%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M.B.A.</strong></td>
<td>Punjab Technical University, Jalandhar</td>
<td>Avneesh Infotech, Jaipur</td>
<td>2008</td>
<td>73.26%</td>
</tr>
<tr>
<td><strong>Diploma in French Language (2 Years)</strong></td>
<td>University of Rajasthan, Jaipur</td>
<td>Department of Foreign European Languages, UOR, Jaipur</td>
<td>1999</td>
<td>81% (Credit)</td>
</tr>
<tr>
<td><strong>Certificate in German Language (1 Year)</strong></td>
<td>University of Rajasthan, Jaipur</td>
<td>Department of Foreign European Languages, UOR, Jaipur</td>
<td>2002</td>
<td>70%</td>
</tr>
</tbody>
</table>

**Teaching Experience: Eighteen (20) Years (BTech, MTech, MCA)**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Organization</th>
<th>Affiliating University</th>
<th>Duration</th>
<th>Total Years</th>
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</thead>
<tbody>
<tr>
<td>Professor (CS&amp;IT) &amp; Director-International</td>
<td>IIS (deemed to be) University, Jaipur</td>
<td>IIS (deemed to be) University, Jaipur</td>
<td>1st April, 2019 to till Date</td>
<td>3</td>
</tr>
<tr>
<td>Professor-CSE</td>
<td>Jaipur Engineering College &amp; Research Center, Jaipur</td>
<td>RTU, Kota</td>
<td>17th Aug, 2016 to 31st Mar, 2019</td>
<td>2.5</td>
</tr>
<tr>
<td>Principal</td>
<td>Pinkcity Engineering College &amp; Research Center, Jaipur</td>
<td>RTU, Kota</td>
<td>1st Dec, 2014 to 16th Aug, 2016</td>
<td>1.8</td>
</tr>
<tr>
<td>Professor (CSE) Principal</td>
<td>Rajasthan College of Engineering for Women (RCEW), Jaipur</td>
<td>Rajasthan Technical University, Kota</td>
<td>16th Aug, 2009 to 8th Jan, 2014</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Rajasthan Institute of Engineering &amp; Technology, Chittorgarh</td>
<td></td>
<td>9th Jan, 2014 to 30th Nov, 2014</td>
<td>=5.5</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>International Institute of Informatics &amp; Management, Mansarover, Jaipur</td>
<td>Rajasthan Technical University, Kota</td>
<td>21 Aug, 2006 to 15th Aug, 2009</td>
<td>3</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Maharishi Arvind Institute of Science &amp; Management, Jaipur</td>
<td>University of Rajasthan, Jaipur</td>
<td>05 Sept, 2005 to 20 Aug, 2006</td>
<td>1</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Apex Institute of Management &amp; Science, Jaipur</td>
<td>University of Rajasthan, Jaipur</td>
<td>01 July 2003 to 30 Aug 2005</td>
<td>2.1</td>
</tr>
<tr>
<td>Faculty cum Programmer</td>
<td>RajCOMP, C-Scheme, Jaipur</td>
<td>University of Rajasthan, Jaipur</td>
<td>01 July 2001 to 31st Mar 2003</td>
<td>1.9</td>
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**Patents (Published/Granted): 03**

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<tr>
<th>SNo</th>
<th>Patent ID</th>
<th>Name of Patent</th>
<th>Date of Submission</th>
<th>Date of Publication</th>
<th>Request for Examination</th>
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<tbody>
<tr>
<td>1</td>
<td>201621003252</td>
<td>Safe Mode Login Transaction (SMLT) For Forced Online Banking Intrusion Activity (FOBIA)</td>
<td>29.01.2016</td>
<td>02.12.2016 (Published)</td>
<td>26.12.2017 Application Awaiting Examination</td>
</tr>
<tr>
<td>2</td>
<td>201611010886</td>
<td>A Method To Secure Online Transaction</td>
<td>29.03.2016</td>
<td>12.01.2018 (Published)</td>
<td>23.06.2018 Application Awaiting Examination</td>
</tr>
<tr>
<td>3</td>
<td>2020101466</td>
<td>Block Chain Technology Based IoT Consensus Protocol For Smart Home</td>
<td>24.07.2020</td>
<td>12.08.2020 (Granted)</td>
<td>Patent Granted</td>
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</tbody>
</table>

**PhD Scholars Supervised by Dr. Vijay Singh Rathore: 19**

<table>
<thead>
<tr>
<th>SNo</th>
<th>Name of PhD Scholar (Subject in which PhD Degree was Awarded)</th>
<th>Research Topic</th>
<th>Year</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mrs. Archana Bhatnagar (Computer Science)</td>
<td>“Study and Analysis of the Software Engineering Process Models to obtain a Generalized Model”</td>
<td>2012</td>
<td>Suresh GyanVihar University, Jaipur</td>
</tr>
<tr>
<td>2</td>
<td>Mr. Avinash Sharma (Computer ScEngg)</td>
<td>“Study and Analysis of various e-Learning Mechanisms for supporting Innovative Online Training and design of a Generalized e-Learning system”</td>
<td>2012</td>
<td>Suresh GyanVihar University, Jaipur</td>
</tr>
</tbody>
</table>
4. Ms. Shalini Rajawat (Computer Science) “Study & Analysis of DNA Computing Models to obtain a Generalized Model” 2013 Suresh GyanVihar University, Jaipur
5. Ms. Pallavi Sharma (Information Technology) “Regulating Bandwidth Flow Estimation and Control for Wired/Wireless Networks” 2012 NIMS University, Jaipur
7. Mrs. Rashmi Bohra (Computer Science) “Role of Service Oriented Architecture (SOA) in Business Process Management (BPM)” 2013 Jodhpur National University, Jodhpur (Raj)
9. Ms. Purnima Jaiswal “Safe Mode Login Transaction (SMLT) for Forced Online Banking Intrusion Activity (FOBIA)” 2016 Career Point University, Kota
10. Mrs. Neetu Sharma “Congestion Control Mechanism in Multimedia Traffic in 3G Networks” 2016 Suresh GyanVihar University, Jaipur
11. Mrs. Monika Rathore “Study and Analysis of Data Warehouse Implementation in RDBMS and design a generalized framework of Implementation” 2017 Suresh GyanVihar University, Jaipur
12. Mr. K.L. Jawaria “Design and implementation of an efficient ICT model for e-Government service delivery system” 2018 IIS University, Jaipur
13. Ms. Mamta Dadhich “Development of a framework for selection of an appropriate software as a service in cloud computing Environment” 2018 IIS University, Jaipur
14. Mr. Praveen Sharma “Analysis of Technical Parameters in the Implementation of Citizen Centric Services in Rajasthan” 2018 Mewar University, Chittorgarh
17. Mr. Subhash Jat A Novel Liner Classifier Based Approach with regression technique for identifying security requirements in open source software development 2020 Rajasthan Technical University, Kota
18. Mr. Rajesh Agrawal Evaluation of Theory based Handwritten Answers Through BFO Model for Pixels and Pruned Scale Invariant Character Features 2021 Jaipur National University, Jaipur
19. Mr. Sandeep Sharma Blurred image edge enhancement using outer totality cellular automata 2021 Rajasthan Technical University, Kota
20. Ms. Rajni Sharma Improving Reliability by Congestion Control in VANET 2021 Rajasthan Technical University, Kota

Current PhD Scholars under joint Supervision (PhD) of Dr. Vijay Singh Rathore: 09

<table>
<thead>
<tr>
<th>SNo</th>
<th>Name of PhD Scholar</th>
<th>Research Area/Topic</th>
<th>Year of admission</th>
<th>University</th>
<th>Co-Supervisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ms. Aparajita Dixit</td>
<td>Course work going on (Computer App)</td>
<td>2015</td>
<td>Rajasthan Technical University, Kota</td>
<td>Dr.D.P. Sharma (MAISM, Jaipur)</td>
</tr>
<tr>
<td>2</td>
<td>Ms. Pratiksha Kanwar</td>
<td>Course work going on (Computer App)</td>
<td>2018</td>
<td>Rajasthan Technical University, Kota</td>
<td>Dr. Monika Rathore (IIM, Jaipur)</td>
</tr>
<tr>
<td>3</td>
<td>Ms. Ahimsa Vyas</td>
<td>Cloud Computing</td>
<td>2019</td>
<td>IIS (Deemed to be University) Jaipur</td>
<td>NA</td>
</tr>
<tr>
<td>4</td>
<td>Mr. Ritul Bakshi</td>
<td>Cloud Computing</td>
<td>2019</td>
<td>IIS (Deemed to be University) Jaipur</td>
<td>NA</td>
</tr>
<tr>
<td>5</td>
<td>Ms. Kamlesh Kumawat</td>
<td>Software Engineering</td>
<td>2019</td>
<td>IIS (Deemed to be University) Jaipur</td>
<td>NA</td>
</tr>
<tr>
<td>6</td>
<td>Ms. Uma Joshi</td>
<td>Cloud and Fog Computing</td>
<td>2020</td>
<td>IIS (Deemed to be University) Jaipur</td>
<td>NA</td>
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### Books Edited (Conference Proceedings):

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Book Title</th>
<th>ISBN No.</th>
<th>Publisher</th>
<th>Published in Year</th>
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<tbody>
<tr>
<td></td>
<td>Intelligent Strategies for ICT</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Proceedings of ICTCS 2020</td>
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### Books Written:

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<th>S. No.</th>
<th>Book Title</th>
<th>ISBN No.</th>
<th>Publisher</th>
<th>Published in Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Data Communication &amp; Computer Networks</td>
<td>81-8198-188-X</td>
<td>University Book House, Jaipur</td>
<td>2007</td>
</tr>
<tr>
<td>S. No.</td>
<td>Title/Role</td>
<td>Level</td>
<td>Conference/ Seminar Details</td>
<td>Duration</td>
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<tr>
<td>1</td>
<td>Session Chair at ICT4SD 2021</td>
<td>International</td>
<td>ICT4SD 2021, Goa</td>
<td>5th-6th Aug, 2021</td>
</tr>
<tr>
<td>2</td>
<td>Session Chair at World S4 2021</td>
<td>International</td>
<td>World S4 2021, London (UK) - Online</td>
<td>29th -30th July, 2021</td>
</tr>
<tr>
<td>3</td>
<td>Session Chair at ICTIS 2021</td>
<td>International</td>
<td>ICTIS 2021, Ahmedabad - Online</td>
<td>23rd -24th April, 2021</td>
</tr>
<tr>
<td>4</td>
<td>Session Chair at SmartCom 2021</td>
<td>International</td>
<td>SmartCom 2021, Las Vegas (USA) - Online</td>
<td>15th -16th April, 2021</td>
</tr>
<tr>
<td>5</td>
<td>Resource Person at FDP 2021</td>
<td>National</td>
<td>15 Days FDP on “Research Methodology and Teaching Pedagogy” by CRIT at IIS University, Jaipur - Online</td>
<td>16th-30th Mar, 2021</td>
</tr>
<tr>
<td>6</td>
<td>Session Chair at DoSCI 2021</td>
<td>International</td>
<td>DoSCI 2021, Lucknow - Online</td>
<td>6th March, 2021</td>
</tr>
<tr>
<td>7</td>
<td>Session Chair at ICICT 2021</td>
<td>International</td>
<td>ICICT 2021, London (UK) - Online</td>
<td>25th -26th Feb, 2021</td>
</tr>
<tr>
<td>8</td>
<td>Session Chair at ICTCS 2020</td>
<td>International</td>
<td>ICTCS 2020, Jaipur - Online</td>
<td>11th -12th Dec, 2020</td>
</tr>
<tr>
<td>10</td>
<td>Session Chair at ICATCT 2020</td>
<td>International</td>
<td>ICATCT 2020, JECRC, Jaipur - Online</td>
<td>27th -28th Aug, 2020</td>
</tr>
<tr>
<td>12</td>
<td>Session Chair at ICT4SD 2020 (Abroad)</td>
<td>International (within Country)</td>
<td>ICT4SD 2020, Goa - Online</td>
<td>23rd - 24th July, 2020</td>
</tr>
<tr>
<td>13</td>
<td>Session Chair at ICTIS 2020 (Abroad)</td>
<td>International (within Country)</td>
<td>ICTIS 2020, Ahmedabad - Online</td>
<td>15th -16th May, 2020</td>
</tr>
<tr>
<td>14</td>
<td>Invited Speaker at ICICT 2020 (Abroad)</td>
<td>International (within Country)</td>
<td>ICICT 2020, Brunel University, London</td>
<td>20th -21st Feb, 2020</td>
</tr>
<tr>
<td>15</td>
<td>Invited Speaker at SmartCom 2020 (Abroad)</td>
<td>International (within Country)</td>
<td>SmartCom 2020, Bangkok (Thailand)</td>
<td>24th -25th Jan, 2020</td>
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<tr>
<td>16</td>
<td>Keynote Speaker at AICTC 2019</td>
<td>National</td>
<td>AICTC 2019, Bikaner (India)</td>
<td>Nov, 2019</td>
</tr>
<tr>
<td>17</td>
<td>Advisor at NCICT</td>
<td>National</td>
<td>NCICT 2019, Jaipur</td>
<td>March, 2019</td>
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<tr>
<td>18</td>
<td>Session Chair at ICDLAIR - 2019 (Abroad)</td>
<td>International (within Country)</td>
<td>ICDLAIR-2019, Jaipur</td>
<td>Dec, 2019</td>
</tr>
<tr>
<td>19</td>
<td>Session Chair at ICTCS-2019 (Abroad)</td>
<td>International (within Country)</td>
<td>ICTCS-2019, Udaipur</td>
<td>13th -14th Dec, 2019</td>
</tr>
<tr>
<td>20</td>
<td>Session Chair at SmartCom 2019 (Abroad)</td>
<td>International (within Country)</td>
<td>SmartCom 2019, Bangkok (Thailand)</td>
<td>Jan, 2019</td>
</tr>
<tr>
<td>21</td>
<td>Chaired a Technical Session at ICICT 2018</td>
<td>International (within Country)</td>
<td>ICICT 2018, London (UK)</td>
<td>Feb, 2018</td>
</tr>
<tr>
<td>22</td>
<td>PC Chair &amp; Convenor at ICETEAS 2020</td>
<td>International (within Country)</td>
<td>ICETEAS 2020, Jaipur</td>
<td>Feb, 2018</td>
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<tr>
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<td>Title/Role</td>
<td>Level</td>
<td>FDP/Workshop Details</td>
<td>Duration</td>
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<td>----------</td>
</tr>
<tr>
<td>1</td>
<td>Participant</td>
<td>International</td>
<td>Online Training Seminar on “Strategic Line 1: Internationalisation of Curriculum, Why and What for?” under Tuning RISHII Project by University of Deusto, Spain</td>
<td>28th May, 2021</td>
</tr>
<tr>
<td>2</td>
<td>Participant</td>
<td>National</td>
<td>6 Days Online Live FDP on “Android Development with Kotlin” by ICT Academy</td>
<td>22nd - 27th Mar, 2021</td>
</tr>
<tr>
<td>3</td>
<td>Participant</td>
<td>National</td>
<td>21 Day workshop on “Post Covid Care with Yoga” by IIS University, Jaipur</td>
<td>01st - 20th Feb, 2021</td>
</tr>
<tr>
<td>4</td>
<td>Participant</td>
<td>International</td>
<td>International Webinar on “Scientific Writing” by ACT, Mumbai &amp; IIS University, Jaipur</td>
<td>27th - 28th Nov, 2020</td>
</tr>
<tr>
<td>5</td>
<td>Participant</td>
<td>National</td>
<td>Webinar on “Campus to Corporate: Managing the Expectations” by ICFAI University, Jaipur</td>
<td>27th June, 2020</td>
</tr>
</tbody>
</table>
Statement of Intent

Prof. (Dr.) Vijay Singh Rathore  
PhD (Computer Science), MCA, MTech(CS), MBA, ICAD-USA, ICDA-USA, Diplomas in French & German

I, Dr. Vijay Singh Rathore, have filled my nomination for the post of Divisional Chairperson (Division 2) - Software (For the Term 2022-31/3/2024)

- Presently working as Professor, Department of CS & IT, IIS (deemed to be) University, Jaipur (India), and Secretary, ACM Chapter Jaipur. Having got a satisfactory teaching and research experience of more than 20 years in the field of Computer Science, almost 90 research papers in reputed journals, Supervised 18 PhDs Scholars, Published 2 Patents for Secure Transaction while Forced Transactions on Online Banking or ATM Withdrawal, written 12 books on different subject in Computer Science, member of the BoS and other academic committees of some reputed universities, and a valuable worldwide network of students, I have contributed best of my time towards providing a better quality technical education in urban as well as rural areas of Rajasthan and national level as well.
- I am handling international affairs of The IIS University, Jaipur. My basic research areas are internet security, cloud computing, Big Data, and IoT. I have organized and participated some national & international conferences of repute.
- My foreign visits for various academic activities (Delegate/Invited/Keynote Speaker/Session Chair/Guest) include USA, UK, Canada, France, Netherlands, Singapore, Thailand, Vietnam, Nepal etc. He has recently participated as a member of Indian Higher Education Delegation to Canada (May, 2019) and UK (July, 2017) in the leadership of Prof Anil D. Sahasrabudhe, Chairman, AICTE, and another delegation to USA (Aug, 2018) along with AICTE Advisors Dr Dileep Malkhede and Dr Rajive Kumar (Both delegations mounted by GR foundation). The key International Conferences organized by me includes ICICT 2018 at Brunel University, London in Collaboration with GR foundation, ICE-TEAS 2018 at J ECR, Jaipur in association with Springer. I have chaired the SMARTCOM 2019 at Bangkok, World Conference WS4 2017 at London, UK, International Conference INDIA 2017 at Duy Tan University, Da Nang, Vietnam, ICICT 2016 at Bangkok, Thailand. Dr Rathore has led the delegation (2016) to University of Amsterdam, Netherlands, the delegation (2018) to Nanyang Technological University, Singapore for discussions on academic and research collaborations
- I have also led the team who has struggled to revise the AICTE Norms for Engineering Faculty Eligibility Criteria, where in, he was the core member of the team who made various representations to AICTE and MHRD for re permitting MSc/MCA with MTech/PhD qualification holder to be eligible to be become Faculty in Engineering and ultimately AICTE agreed to allow and the Notification regarding the same was published in the Gazette of India in July, 2016.
- For my significant contribution towards quality technical education I have been given “Award of Appreciation 2019” at Bangkok, “Certificate of Appreciation” at New York in 2018, “The Award of Appreciation 2017” at WS4, London, UK. I have also received “The Significant Contribution Award 2016” and “Active Participation Youth Award 2016” under CSI Service Awards at Coimbatore, and also received “Award of Prominent Academician in ICT Excellence 2016” by ACM at Bangkok, Thailand. Earlier I was awarded “Shiksha Bhushan Award 2009” by the then Governor of Gujarat Sh. Nawal Kishore Sharma for the initiation of HELP (Holistic Education Learning Process) in which a four pillar model was prepared (Academic Skills, Soft Skills, Industry & Social Exposure, and Problem Solving Attitude) for providing industry specific placement oriented education to the technical students.
- As a CSI Fellow, and being Vice Chairman, and then Chairman of CSI Jaipur Chapter, I have given my satisfactory contribution in awakening and uplift the operations of CSI Jaipur Chapter, wherein many activities have been organised in last 3 years during my tenure as compared to the past times. I keenly attended and still participating in most of the CSI events at national level besides those in Rajasthan as a regular fellow.
- I have a good network of Computer Science fellows in academia as well as industry that motivates me to find new ideas and better approaches to be innovated for the goodness of the society with the help of ICT applications.

I can assure that under the national banner of CSI, I will do my best to ensure proper management of things under Divisional Chairperson (Division 2) - Software (For the Term 2022-31/3/2024) in CSI Execom 2022-2024 and will definitely uplift its current operations in a dedicated team work environment.
I do assure to give my appropriate time and dedicated involvement by attending all important meetings, events, operations, being an honest part of organising and implementing committees, and will contribute sincerely to establish new standards under the CSI umbrella.

Therefore, I feel myself a genuine deserving candidate to be elected as **Divisional Chairperson (Division 2)** - **Software (For the Term 2022-31/3/2024)**

**Jai Hind** ...
Thanking you,
Yours sincerely,

[Signature]

Signature of Nominee, Date: 3rd June, 2022 Place: Jaipur
Dr. Vijay Singh Rathore
Dr. N. Nalini is a Professor (CSE) and Dean-Students' Welfare at Nitte Meenakshi Institute of Technology, Bangalore. She received her MS from BITS, Pilani in 1999 and PhD from Visvesvaraya Technological University in 2007. She has more than 26 years of teaching and 19 years of research experience. She has numerous international journal and conference publications, Book and Book Chapters and Patents to her credit and received “Bharath Jyoti Award” by India International Friendship Society, New Delhi on 2012, from Dr. Bhishma Narain Singh, former Governor of Tamilnadu and Assam. She received the “Dr.Abdul Kalam Life Time Achievement National Award “for excellence in Teaching, Research Publications, and Administration by International Institute for Social and Economic Reforms, IISER, Bangalore on 29th Dec 2014. She is also the recipient of “Distinguished Professor” award by TechNext India 2017 in association with Computer Society of India-CSI, Mumbai Chapter and “Best Professor in Computer Science &Engineering “award by 26th Business School Affaire Dewang Mehta National Education Awards (Regional Round) on 5th September 2018, at Bangalore. She is a lifetime member of the ISTE, CSI, ACEEE and IIFS. Elected Unanimously as Vice Chairman cum Chairman Elect-Computer Society of India-Bangalore Chapter for the Years (2019-2021). PROGRAM CHAIR-International Conference on Emerging Research in Computing, Information, Communication and Applications-ERCICA-2013, 2014, 2015, 2016, 2018, 2020,2022 NMIT, Bangalore, proceedings of the conference were published by SPRINGER's AISC, and LNEE Series. She has served as Technical Committee member and reviewer in various international conferences and has delivered technical talks at various Institutions. She received “Dr.A.P.J.Abdul Kalam Teacher's Excellence Award 2020 “ by Shikshak Kalyaan Foundation, Supported by AICTE, New Delhi. She is also the Faculty Advisor for Cultural Activities at her Institution from many years. She has organized various events under SPICMACAY at the Institution. She is one of the faculty advisor/organizers of Annual National Level Techno-Cultural Fest of NMIT called ANAADYANTA. She is the faculty coordinator for CRYPTTEC Branch Association of Computer Science and Engineering Department of NMIT and an Bi-annual magazine called ARETHA is released.
under her guidance every year. She is also the faculty advisor of KANNADA Association of NMIT called CHIGURU under which various activities are conducted mainly related to Environmental issues like “NAMMA NELA NAMMA JALA” meaning OUR EARTH OUR WATER. She is also the active member of NSS unit. She also oversees the activities of various cultural clubs of NMIT namely MUSIC Club, Literary Forum, Theatre Club, Dance Club, Photography Club, Chiguru, Fashion Club and sees they participate in various events in other Institutions like IIT Bombay, IIT Madras, BITS Goa etc., Recently her name featured in AD scientific Index 2022 ranking. She is also the Chairperson of the Internal Complaint Committee (CICC) which addresses Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in Higher Education Institutions of NMIT under Visvesvaraya Technological University.
Letter of Intent

I, Dr. Nalini N., working as Professor (CSE) and Dean-Students' Welfare, at Nitte Meenakshi Institute of Technology, Yelahanka, Bangalore, have always been striving for the betterment of the students in the field of IT education from last 26 years. I have been contributing to the research in the field of computer science and engineering by guiding more than 15 students for their PhD out of which 8 have already received their PhD. I have published more than 100 papers in reputed journals and conferences. Published books and book chapters and patents in the IT Field. I have organized as one of the Program Chair, a very reputed International Conference called ERCICA – “Emerging Research in Computing, Information, Communication and Applications” seventh time starting from the year 2013, whose proceedings were published by SPRINGER in AISC and LNEE Series.

I have been the member of management committee of CSI-BC in the year 2018-19, Vice-Chairperson and Chairperson in the year 2019-2021. During that time, I have contributed extensively towards CSI by organizing various events and workshops, a FLAGSHIP event being IT in Defense-ITD Conference which was very successful. Also, I arranged a Technical Talk on the topic “Artificial Intelligence in Cloud Computing and Internet-of-Things” by Prof. Vincenzo Piuri, Universita Degli Studi Di Milano, Italy at CSI-BC via online mode to give international exposure to our CSI-BC.

I would like to expand my horizon to contribute more to CSI, by becoming the Divisional Chairperson for Division 3 (Applications). Given this opportunity, I will strive hard to contribute more to society through Computer Society of India.

As Divisional Chairperson 3 for Applications, will strive hard to conduct various conferences/FDPs/etc., in the areas of IT Applications in the upcoming technologies by bridging the gap between Industry and Academia. The final objective is to make students/faculty/industry participants benefitted by these activities.

Dr. NALINI N.
Professor (CSE) & Dean-Students’ Welfare
Nitte Meenakshi Institute of Technology, Yelahanka, Bangalore-560 064
Email: Nalini.n@nmit.ac.in
Mobile: +91-8722 455 452
POST FOR WHICH NOMINATED: Divisional Chairperson (Division 3)

1. Name : Dr Samiksha Shukla
2. CSI Membership No. : I1501885
3. Membership Type : Life
4. CSI Membership since : 2011
5. E-mail address : samiksha.shukla@gmail.com
6. Date of Birth (Age) : 23/9/1983 (38)
7. Postal Address : G-1054, Brigade Panorama, Anchepalya, Kumbalgodu, Mysore Road, Bangalore, 560060
8. Phone/ Mobile/ Fax Nos. : 9880462311
9. Educational Qualifications : MTech (CSE), PhD
10. Publications – relevant to the office being nominated for : Attached in CV
11. Contribution to the IT profession: Being a Computer Science Teacher, Research and Guide, I contribute to various vertical such as Learning, building new application, state of are research project, Paper and Patent Publication. Organized many workshops and talks. Delivered and shared the knowledge through webinar, talk and FDP training etc. Convene a yearly international conference (IDSCS) in association with Springer and Technical Association with CSI. Organize a yearly research conclave.
12. Contribution made to CSI: As a Managing Committee member of Bangalore Chapter contributed in various event planning and execution. Helped chapter to bring in more institutional memberships. As a Regional Chair Mumbai and Goa Supported in getting resources for the events, planning and execution.
13. Experience - relevant to the position nominated for : 10 Yrs., closely associated with CSI.
14. Honours/ Professional Recognition: IEEE Senior member, Best Women Faculty Award by Analytic India Magazine (2021), Gold Medalist in PG, Vice Chair, IEEE-SA.
15. Other Relevant Information : Reviewers and Technical Programme Committee Member for many conferences and Journal. Founding Head of Data Science and Economics and Analytics Programme at Christ University, Pune Lavasa Campus
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years:
   a. Positions held: Nil
   b. Statements of Intent submitted for the above positions: As an expert and experience working academics and research. I feel, I am an appropriate candidate for the position as I can bring in various resources and consultancy to support Division-3. Given a chance I would like to involve as many people as possible to learn and grow.
   c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2
Signature of Nominee
Date: 08/6/22

** Give information in brief.(last 3 year )-Use additional sheet if required

CV attached
Dr. Samiksha Shukla

G-1054, Brigade Panorama, Kumbalgodu, Mysore Road, Bangalore
09880462311
samiksha.shukla@gmail.com
samiksha.shukla@christuniversity.in

Personal Summary

An experienced and focused teacher, who is always committed to promoting the education and well-being of students. I am passionate about giving students the best possible education. I am able to establish supportive relationships with not only students but also with fellow teachers. I am fundamentally committed to good practice and innovation in teaching. I am always engaged in continuous learning to broaden my knowledge and experience.

Education

• **Doctor of Philosophy (Computer Science and Engineering)**, Christ University, Bangalore, Karnataka (2012-2015)
  • “Development of Computational Techniques for Preserving Privacy using Secure Multi-Party Computations”
    Supervisor: Dr. G Sadashivappa, R V College of Engineering, Bangalore.

• **Course Works Completed:**
  • Research Methodology (Passed with First Class)
  • Design Research Methodology (Passed with First Class)

• **Master of Technology, (2005-2007), (Computer Science and Engineering)**, Rajiv Gandhi Technical University (RGTU), Bhopal, Madhya Pradesh
• Passed with Distinction (76.1%)

• **Master of Science, (Information Technology) (2003-2005),** Devi Ahilya Vishwa Vidhyalaya (DAVV), Indore, Madhya Pradesh
  • Passed with Distinction (91.96%)

• **Bachelor of Science, (2000-2003), (Computer Science),** Devi Ahilya Vishwa Vidhyalaya (DAVV), Indore, Madhya Pradesh
  • Passed with First Class (71.33%)

**Awards**

• Award for University Topper in M.Sc. (IT)

• Best Women Faculty Award from Analytic India Magazine (2021)

**Research Interests**

Computation security in a multi-party environment and how can we relate computer science to social physics. My work is highly relevant to security, confidentiality, and privacy aspects.

**Data Science and Machine Learning**

**Healthcare Application of Data Science**

**Teaching Experience**

• Working as Associate Professor and HOD, Department of Data Science, CHRIST(Deemed to be University), Lavasa, Pune

• Employed with Assistant Professor, Department of Computer Science and Engineering, Faculty of Engineering, Christ University, Bengaluru, August 2008 – April 2019.

• Lecturer, MCA, Alliance Business Academy, Bangalore, MCA Department, November 2007 - July 2008.

**Teaching Expertise**

• Database Management Systems (DBMS)

• Operating System (OS)

• Computer Networks

• C & C++

• Object-Oriented Modelling and Design
Mphil/Ph.D. Supervision


Administrative Activity/FDP Details

- **Founding Head**, Department of Data Science, Christ University, Pune Lavasa Campus.
- **Convener**, 2019 International Conference on Data Science and Communication (IconDSC), (IEEE), March’19.
- **Session Chair**, “7th International Congress on Information and Communication Technology”, 21-24, February 2022.
- **Attended FDP**, “Excel for Analytics”, 15-22, Jan’22.
- **Resource Person for** “FDP on Recent Trends in AI/ML and Data Science”, organized by JIS College of Engineering, 05-10, July’21.
- Talk on “From Data to Data Science” in webinar conducted by “SGBIT, Belagavi”, 10, June 2021
- **Session Chair**, “Recent Trends in Computer Science and Information Technology (RTCSIT-2021)”, 09, June 2021.
- **Resource Person for** “Online Short Term Training Program (STTP) on Data Science and Machine Learning sponsored by All India Council for Technical Education (AICTE)” organized by Narula Institute Of Technology 81, Nilgunj Road, Agarpura, Kolkata, 07-11, June’21.
● **Attended Quality Improvement Program on** “Hybrid Teaching”, Organized by Staff Development College, Christ University, 02-08, March’21.

● **Attended workshop on** “FROM PRIVACY TO FAIRNESS IN AI” organized by The Association of Data Scientists, Jan’21.


● **Attended FDP**, “AICTE Training And Learning (ATAL) Academy Online FDP on "Blockchain”, 22–26, June 2020

● **Attended FDP**, “ATAL Artificial Intelligence”, 08-12, June’20.

● **Resource Person for** “Faculty Development Program on Innovation and Research in Data Science with Visualization using Python”, 06-07, June’20.

● **Keynote address on** “Opportunities in Data World”, Kompass Academy and CHRIST(Deemed to be University), Lavasa Pune, 09, May’20


● **Organized**, Research Methodology and IEEE Authorship Lab, Sep’20

● **Attended training on** “Google Cloud OnBoard: Big Data & Machine Learning”, Organized by Google (Online), September’19.

● **Attended FDP on** “Building Excellence in Research and Publications: The New Navigation”, CHRIST (Deemed to be University), Lavasa, Pune, May’19.

● Curriculum Design, Planning for curating new programmes at Lavasa Campus.

● **Organized and Attended**, “2019 IEEE International Conference on Data Science and Communication (IconDSC) (46015), Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, 01-02, March’19.

● **Attended Conference** “Cyber Security in the Age of Smart Manufacturing- Conference”, organized by FICCI, New Delhi, 26 September’18.

● **Organized and Attended**, “CIISCO Women Rock-IT”, Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, 25 September’18

● **Organized** “IEEE Networking Event Future Next-2030”, Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, 17, July’18.


Organized One-day free workshop on “Microsoft Azure”, in association with Microsoft India, at Faculty of Engineering, Christ University, Bengaluru, 18th June’16.

Attended FDP on “Quality Sustenance and Enhancement through Innovation”, at Christ University, Bengaluru, 27th May’2016 and 30th May’2016.

Conducted FDP on “How to do review literature?” at Faculty of Engineering, Christ University, Bengaluru, 26th May’2016.

Attended FDP on “IoT and Research”, at Faculty of Engineering, Christ University, Bengaluru, 23-25th May’2016.

Organized National Conference on Challenges and Opportunity in Computer Engineering, NCCOCE’16, at Faculty of Engineering, Christ University, Bengaluru, 5th March’2016.

Attended Technical Talk on “Data Science”, at Faculty of Engineering, Christ University, Bengaluru, 8th February’2016.

Attended MATLAB training at Faculty of Engineering, Christ University, Bengaluru, 20th November’2015.


Delivered Technical Talk on “Research Methodology”, for Research Scholar & Faculty Members at Faculty of Engineering, Christ University, Bengaluru, 18th Jan’ 2016.

Organized Tech Fest GATEWAYS, Christ University, Bangalore, 2010.

Class Room Organization & Resource Management.

Chaired sessions in IEEE International conference and other National Conferences.

Reviewer in various CSI and IEEE Conferences.

Faculty in charge for College Level Tech Fest, Christ University.

Seminar in-charge for 2 yrs., Christ University.

Mentor for MCA, BTech and MTech, Christ University.

Conducted Faculty Development Program for PHP, Christ University.

Participated in MATLAB Training, Christ University.

Attended Holistic Training, Christ University.

Participated in Design Research Methodology (DRM) workshop, Christ University.

Research and Project Guidance:

Guided UG and PG projects.

Guided MPhil Thesis “Efficient Management of Feed resources using data mining techniques”, Department of Computer Science, Christ University, Bengaluru, 2009.


Books Published (Edited and Authored):


**Book Chapters:**


Conference on Data Science Computation and Security (IDSCS 2021), 16-17, April 2021.
15.

Publication in Periodicals:


Journal Article:

**Patents Published:**

3. A Diet and Workout Recommendation System using Improved Conditional Restricted Boltzmann Machines (Crbm) and Method Thereof
4. An Apparatus for A Predetermined Language Transliteration and Method Thereof
5. Smart Assistive Device for Visually Impaired
6. Easy and Swift Cane Juicer with Augmented Bagasse Brick Maker
7. A System for Confidential Inference and Model Protection using Secure Multi-Party Computation
8. A Storage System for Data Encryption and Decryption using Line Graphs and Method Thereof

**International Paper Published/Presented:**


4. Samiksha Shukla, Rachna Chouksey,“Protocol for Privacy-Preserving Data Mining”, proceeding of International conference on cognition and recognition, ICCR’08, organized by P. E. S. College of Engineering, Mandya, India, 10th -12th April 2008.


**National Paper Published/Presented:**


10. Samiksha Shukla, “A Review: Preserving Privacy During Data Mining”, in the conference proceeding of National Conference on Computer Science and Advances in
Information Technology organized by College of Computer Science and Information Technology, Latur, on 18th -19th February 2008.


Seminar/Symposium/Conference Attended

6. 
MOOC Courses Completed:

1. Course on Big Data & Social Physics, MIT, Cambridge.
3. SQL and Relational Databases, IBM-Big Data University, April’2020.
9. Learn to Teach Online, Coursera, June’2020.
11. MATLAB Training
12. Talk on Curriculum Planning
13. QIP on IoT & Research
14. IIREF-Security Protocols for Smart Devices
15. Decision making under Uncertainty using Octave and Ageena Risk
16. Big Data Analytics Workshop
17. QIP-Research Trends Tools and Process
18. National Conference on Challenges and Opportunity in Computer Engineering-NCCOCE’17 Conference Chair
19. CISCO-Women Rock IT
20. Seminar on ICT Solutions for Digital and Smart Karnataka
21. Workshop on Satellite Remote Sensing and Image Analysis
22. Quality Improvement Program on Teaching-Learning and Evaluation Process
23. QIP-Research Tools and Mega Trends Weka, R, Packet Tracer, IoT and BlockChain
24. Springer Workshop on Research Methodology
25. Author Workshop
27. Workshop on Data Science and Machine Learning
28. Google Coursera MOOC
29. Faculty Development Program on Innovation and Research in Data Science with Visualization using Python
30. A Crash Course in Data Science
31. Data Science Ethics
32. Data Science in Real Life
33. Learn to Teach Online
34. Introduction to Relational Database and SQL
35. The Data Scientist's Toolbox
36. Programming for Everybody (Getting Started with Python)
37. SQL and Relational Databases
38. AWS Fundamentals Going Cloud Native
39. AICTE Training And Learning (ATAL) Academy Online FDP on "Blockchain
40. ATAL Artificial Intelligence
41. Innovation & Research in Data Science with Visualization Using Python
42. AICTE-STTP Advanced Deep Learning Techniques using Python
43. Quality Improvement Program
44. FROM PRIVACY TO FAIRNESS IN AI
45. Online FDP on "Data Sciences"
46. TWO-DAY WORKSHOP ON RESEARCH METHODOLOGY AND IEEE AUTHORSHIP LAB
47. Creating Interactive Learning Videos with Edpuzzle
48. TEQIP Sponsored Five Days FDP on Scalable Machine Learning on Big Data
49. Coursera MOOC
50. Creating New BigQuery Datasets and Visualizing Insights
51. Achieving Advanced Insights with BigQuery
52. Applying ML to your Data using GPU
53. From Data to Insight using Google Cloud Platform
54. Quality Improvement Program on Hybrid Teaching
55. Online Short Term Training Program (STTP) on Data Science and Machine Learning sponsored by All India Council for Technical Education
56. FDP on Recent Trends in AI/ML and Data Science
57. QIP on Foundations of Statistics for Data Science
58. Artificial Intelligence & Machine Learning (AI&ML- 2021)
59. Mathematical Foundation for Data Science
60. Research Methodology and IEEE Authorship Lab
61. Excel for Analytics

**Article in Magazine and News Letter:**


2. **“Blockchain- An Evolving Business Technology”,** published in CSI Communication Magazine, August, Issue

**On-Going Research Projects:**

Currently working on 6 projects with students at CHRIST(Deemed to be University), Bangalore, Amrita University, Bangalore and Dr Aynur Unal, Alumni, Stanford University, USA.
1. Mental Disorder Diagnosis Using Signatures Based Machine Learning

Depression and anxiety are the most common mental disorders in this world. According to statistics of 2016, 7.4% of all adult and 19% of all teenage female suffer from depression. In India, National Crime Records Bureau shows that 35 out of every 100,000 people commit suicide due to depression. A study in 2017 by Assocham, showed that 42.5% of the employees in the Indian private sector industry are distressed with mental disorders like anxiety and depression. According to recent study conducted by WHO shows that India is the most depressed country followed by China and the United State of America. We will discuss signature-based deep learning model for this problem.

Depression and anxiety are misdiagnosed for each other as they are very closely related to each other. Symptoms for both these medical conditions are nearly the same and often doctors misdiagnose the patient’s illness. Conventionally, the analysis of depression for a particular individual is carried out if the patient ordeals through any of the following feelings mentioned:

1. Feeling pitiful constantly.
2. Loss of thrill in activities.
3. An immense change in appetite which causes a loss in weight or gain in weight.
4. Resting excessively or extremely less.
5. Trouble in focus and deciding.

There are different analysis technique utilized by specialist such as Physical examination, blood test, Psychiatric assessment, etc. The symptoms which distinguish between these disorders are very minute and quite easy to be miss out on. We need to inspect these symptoms closely and understand the pattern which differentiates between depression and anxiety rises. For that, we used machine learning based on recognizing signatures and predicting the illness. The sample data contain the mood rating for different emotion of a patient throughout a day and time duration represents the path.

A signature of a path describes what happens before a particular moment on that path. Mathematically, signature is an infinite long vector.
In this project, the proposed model uses two state of arts Recurrent Neural Network LSTM and GRU. These address the issue of long term dependencies using the concept of gates. These gates regulate what information is kept, updated or removed. The next layer contain 1D convolutional layer to get a higher order understanding of the features which is computed with statistical feature such as age and fed to dense layer. At the end, output class is computed using softmax function with loss function as categorical cross entropy and learning optimized using Adam Optimizer.

2. Mobile AI-driven Emergency Neonatal Incubator

Neonatal Incubator:

Providing medical health care in rural regions in many countries is a challenging task due to the lack of infrastructure and affordability. Statistic states that out of 27 million babies born every year in India, about 3.5 million of them are premature. The biggest cause of newborn death in the world is due to premature death.

Premature born needs extreme care due to their sensitivity towards temperature, radiation and etc.

The ultimate solution to such case is to design and develop a portable and affordable neonatal incubator which is monitored by AI system which reduces the cost of expensive medical instrument and manage unavailability of doctor till the baby is taken to the nearest health center. The incubator used in ambulances will include a self-balancing system to provide a smooth ride for the baby in the incubator due the uneven rough Indian terrains. The AI system will monitor the conditions of the baby, using an Infrared camera that will be fitted in the incubator, and will set the conditions of the incubator accordingly. The model will also include an alerting system for the nurse during any abnormal activity of the baby.

One of the major advantages of this model is that it surpasses existing techniques. This AI technology can act as an assistant to nurses where there is a high demand for doctors but there are no doctors available. This AI model can also be implemented to operate various other medical equipment and technologies.

3. Drone Delivery using AI-based ICT to Provide Basic Healthcare to Rural Areas
An AI-based ICT booth will be developed to be deployed in rural areas to provide basic healthcare check up to the people, along with it an autonomous drone based medicine delivery system which will be developed which will drop the medicines to the location of the ICT booth from the nearest health center. The ICT booth will be running a voice assistant that will talk like a doctor to the villager in the local language. The responses along with the heartbeat readings will be sent to the backend. The backend will be running deep learning models to determine what is wrong and suggest the prescription accordingly. This prescription will be delivered to the ICT phonebooth by an autonomous drone. If the problem detected by the deep learning model is something severe, an ambulance will be alerted to go to the village and pick up the villager.


Diabetes is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin it produces. Insulin is a hormone that regulates blood sugar. In 2014, 8.5% of adults aged 18 years and older had diabetes. In 2016, diabetes was the direct cause of 1.6 million deaths and in 2012 high blood glucose was the cause of another 2.2 million deaths. Usually, blood is the one most widely used mode of measurement of glucose in blood. This may give us very accurate results but is also one of the most dangerous methods to conduct the test. Blood test, is usually done by pricking the patients hand using a needle, hence forcing the blood to flow out.

Even though this method is pretty accurate and most widely used all over the world, it certainly has its own disadvantages. Contamination of blood can occur in different ways, such as, when a needle used in the extraction of blood is same for two different patients. This is one such major problem occurring in the rural areas throughout the globe. To try and stop such destructive and invasive methods of diagnosing glucose, we have come up with this technique of glucose detection using a non-invasive method, i.e. urine.

A urine sample is collected on field and a measured amount of the chemical compound, Benedict’s Reagent, is dropped into the sample automatically. Now using induction coil, we supply heat to the mixture, hence creating a color change in the testing solution. This color change is detected using a color sensor and computed using an embedded soc.

The table demonstrates the connection between the colors and the measure of diabetes that can be recognized by it.
<table>
<thead>
<tr>
<th>Color of solution</th>
<th>Inference on Diabetes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>Nil</td>
</tr>
<tr>
<td>Green</td>
<td>Traces of Reducing Sugar</td>
</tr>
<tr>
<td>Dark Green</td>
<td>Traces of Reducing Sugar</td>
</tr>
<tr>
<td>Yellow</td>
<td>Low diabetic</td>
</tr>
<tr>
<td>Orange</td>
<td>Moderately diabetic</td>
</tr>
<tr>
<td>Red Brick</td>
<td>Highly diabetic</td>
</tr>
</tbody>
</table>

5. Intelligent Neonatal Incubator For Rural Hospitals

Currently it is impossible for the medical centers in the rural areas to afford a neonatal incubator for every newborn due to its price and transportability. The successful delivery of neonatals are hampered in India due to its increasing population along with limited technology and resources.

According to many survey, 40% - 50% of neonatal incubator deaths in rural areas are caused by the current incubator faults like overheating, overexposure of UV levels. Our objective is to design and develop an AI based incubator that automates the processes such as
temperature, UV exposure, Oxygen supply according to specific needs. The incubator will be designed as per the suggestion made by the doctors of the health centre.

This incubator comes with lots of capabilities such as to measures Cardiac output of the baby and the whole environment inside incubator. The incubator is connected to the network of systems in order to track the data and notify the nurse or the doctor or even the parents if necessary. There is a inbuilt Emergency battery supply and oxygen supply in the incubator. This system will be capable of even notifying the nearby hospital in case of emergency where “Mobile AI-driven Emergency Neonatal Incubator” can come into picture for transportation of premature born. The design of this incubator is portable and sleek.

The front panel can be opened completely to access the baby for cleaning urinals. There is a self-cleaning system to make sure the infections are not spread when the babies are changed.

6. FLOOD PREDICTION OF KAZIRANGA

For many years The Kaziranga national park has been victim of flooding causing loss of lives for both human and animals.

The project focuses on the prediction of flood in Kaziranga national park for the upcoming months. We are making a RNN (recurrent neural networking) model on basis of the parameter of pressure, temperature, Rainfall, Windspeed for past 10 years. It has occurred mostly between June to September hence the model will be focusing on these months itself.
BIO DATA

POST FOR WHICH NOMINATED: Divisional Chairperson (Division-3) Application

1. Name : Shiv Kumar
2. CSI Membership No. : 10005372
3. Membership Type : LIFE
4. CSI Membership since : 1985
5. E-mail address : shivk1464@gmail.com
6. Date of Birth (Age) : 58 yrs
7. Postal Address : T-33/701, CWG Village Near Akshardham Delhi – 110092,
8. Phone/ Mobile/ Fax Nos. : 9818168337
9. Educational Qualifications : M.C.A.
10. Publications – relevant to the office being nominated for: NA
11. Contribution to the IT profession:

- Over 34 years of professional experience in National Informatics Center being the premier IT organization under Ministry of Electronics and IT, Government of India.
- During my tenure in capacities from Scientific Officer SB to Scientist-F, I have designed, developed and implemented the various web-based software applications in the field of District Administration, Department of Post & Telecom, Ministry of Women & Child Development and Ministry of Culture.
- Worked as Central Public Information Officer for National Informatics Centre Service Incorporated (NICSI)
- Worked as Management Representative to get the ISO certification for NICSI.

12. Contribution made to CSI:

I have participated, directed, and organized many workshops, seminars and courses at Local/ National/International Level. I have always been associated with CSI Conventions/Conferences and furthering its aims and goals in different ways as below:

<table>
<thead>
<tr>
<th>S#</th>
<th>Date</th>
<th>Activity</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>02-12-2015</td>
<td>50th Golden Jubilee Annual Convention</td>
<td>FICCI, BVP, Delhi</td>
</tr>
<tr>
<td>2</td>
<td>21-03-2015</td>
<td>Digital India Summit</td>
<td>IHC, Delhi</td>
</tr>
<tr>
<td>3</td>
<td>05-11-2011</td>
<td>Half Day Seminar on “Cyber Crimes &amp; Cyber Laws”</td>
<td>Indian Social Institute, Lodi Road, Delhi</td>
</tr>
<tr>
<td>4</td>
<td>30-01-2011</td>
<td>Evening Lecture on “Free Software Movement &amp; GNU” by Mr. Richard M. S.</td>
<td>India International Centre (Annexe), New Delhi</td>
</tr>
<tr>
<td>5</td>
<td>07-01-2011</td>
<td>One Day National Conclave on “Mission India 2020: A Knowledge Superhighway</td>
<td>India Habitat Centre, Lodi Road, New Delhi</td>
</tr>
<tr>
<td>6</td>
<td>06-01-2011</td>
<td>One Day National Symposium on “Software 2.0”</td>
<td>India International Centre (Annexe), New Delhi</td>
</tr>
</tbody>
</table>
13. Experience - relevant to the position nominated for:

I have been very actively involved with CSI for over twenty-five years. I also have credit to provide leadership role as various positions in Delhi Chapter and Reg-I as given below:

<table>
<thead>
<tr>
<th>S#</th>
<th>Hon. Position Held</th>
<th>Period (Term)</th>
<th>C.S.I. Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Chairman (N.C.)</td>
<td>2018-19</td>
<td>Delhi Chapter</td>
</tr>
<tr>
<td>2.</td>
<td>Regional Vice President</td>
<td>2015-17</td>
<td>Region-I</td>
</tr>
<tr>
<td>3.</td>
<td>Chairman</td>
<td>2011-12</td>
<td>Delhi Chapter</td>
</tr>
<tr>
<td>4.</td>
<td>Vice Chairman</td>
<td>2003-04/10-11</td>
<td>Delhi Chapter</td>
</tr>
<tr>
<td>5.</td>
<td>Regional Student Coordinator</td>
<td>2006-07</td>
<td>Region-I</td>
</tr>
<tr>
<td>6.</td>
<td>Member (N.C.)</td>
<td>2001-02</td>
<td>Delhi Chapter</td>
</tr>
<tr>
<td>7.</td>
<td>Hon. Secretary</td>
<td>1998-99</td>
<td>Delhi Chapter</td>
</tr>
<tr>
<td>8.</td>
<td>Hon. Treasurer</td>
<td>1995-96/97-98</td>
<td>Delhi Chapter</td>
</tr>
<tr>
<td>9.</td>
<td>Member (M.C.)</td>
<td>1992-93/94</td>
<td>Delhi Chapter</td>
</tr>
</tbody>
</table>

14. Honours/ Professional Recognition:
   a. Honoured with Chapter Patron and Significant Contribution Awards

15 Other Relevant Information:
   - Certification in "Certified Software Quality Professional" from STQC Delhi
   - Certification in "Internal Quality Auditor for ISO" from STQC
   - Certification in Strategic Management from IIM Lucknow
   - Management Development Programme from IIM, Ahmedabad
   - Fellow, Institution of Electronics & Telecommunication Engineers
   - Life Member, Institute of Electronic Data Processing
   - Life Member, Indian Adult Education Association
   - Life Member, Civil Services Officers Institute
   - Guided & examined students of BCA, MCA, B. Tech. in Project Work.

16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years:
   a. Positions held -- NA
   b. Statements of Intent submitted for the above positions --
   c. Results achieved/ action taken --

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
Date: 2nd June 2022
Statement of Intent

✓ As Chairman of Division 3 (Applications), I shall use my professional experience of over 3 decades in Applications area to organize Conferences and Seminars on the relevant topics
✓ India has abundant opportunities for growth of CSI and for enhanced value that can be provided to the member community. I am a strong believer in collaboration of Government-Academia-Industry and will make all efforts to bridge this gap.
✓ I will utilize my experience in Government for benefit of CSI members.
✓ As part of EXECOM, I will ensure that CSI gains its leadership position as a thought organization focused on research and overall development of its members.

(SHIV KUMAR)
BIO DATA (format)

POST FOR WHICH NOMINATED: Divisional Chairperson (Division 4) – Communications

1. Name : Dr. Ram Babu Seetha Kuruganty
2. CSI Membership No. : 00175788
3. Membership Type: Life/Annual/Institutional: LIFE
4. CSI Membership since : 2008
5. E-mail address : rkuruganty@yahoo.com
6. Date of Birth (Age) : 10/04/1963 (59)
7. Postal Address : 1-1-336/17, Viveknagar, Chikkadapally, Hyderabad-20
8. Phone/ Mobile/ Fax Nos. : 9703017678
10. Publications – relevant to the office being nominated for : 
11. Contribution to the IT profession: Worked as Technical head at KANBAY (CAP GEMINI) and SAP Delivery Head – India Operations at Sita Corp India Ltd. 22 years of IT experience with 12 years of SAP ABAP Expertise. Worked in USA and Singapore as SAP consultant.
13. Experience - relevant to the position nominated for:
1. Conducted extensively Webinars, Technical Seminars/Symposiums/Workshops for ISF Student Chapters, Corporate Members for professional bodies in IETE (Current Governing Council Member, HQ, India), IEI (Current Executive Committee Member, TSC) CSI (Past Secretary and Past Chairman, Hyderabad Chapter) and ISOI (Current Chairman, Hyderabad Chapter).
2. Created a pool of Subject Matter Experts for conducting various activities both at the Chapter level and also at the College Level (ISF).
3. BI Monthly News Letters covering the activities/events performed by the Chapters and Colleges are printed and circulated to the Life Members thus motivating the Student forums and Chapters to conduct more activities.
4. Centre of Excellence (COE) on Block Chain Technologies was created as part of financial improvement after COVID in Hyderabad IETE Centre.
5. Electronics Division planned to Conduct a two day National Convention at Institution of Engineers, Telangana State Centre in the November month.
6. During my tenure as Secretary, Hyderabad chapter had an MOU with C-DAC on taking forward its agenda on Information Security Education and Awareness (ISEA) programs to few colleges.

14. Honours/ Professional Recognition: Excellent Contribution Award for Golden Jubilee Annual Convention 2015 in recognition of Significant Contribution to the CSI Chapter Activities. Certificate of Appreciation issued by Pilgrims Pride Corporation, USA for dedication shown as part of the team that successfully upgraded to SAP 4.6 from SAP 3.1G

15 Other Relevant Information:
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: NA
   a. Positions held
   b. Statements of Intent submitted for the above positions
   c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

[Signature]

Signature of Nominee
Date: 02/06/2022

** Give information in brief. (last 3 year) - Use additional sheet if required

Statement of Intent: Had opportunity to work for various professional bodies at various capacities, conducted many activities and events covering Weekly Webinars, Technical Seminars/Symposiums Technical Workshops for Student Chapters, Faculty and Corporate Members. Creation of a pool of Subject Matter Experts for percolation of Technical knowledge across the CSI Fraternity. Important to improve the financial position at the Chapter for sustenance and also performing many career oriented student building activities. Primary Goal is to generate high visibility of CSI for bringing the Academia and Industry often interfacing for providing a cordial atmosphere, thus managing for a big transformation in efficient use of Technology in all facets of life. Ensure that CSI should regain its lost past glory as brand in bringing the Technological revolution in Indian Industry and host with Government of India for encompassing the Digital expansion.
BIO DATA (format)

POST FOR WHICH NOMINATED: Divisional Chairperson (Division 4) - communications

<table>
<thead>
<tr>
<th>1. Name</th>
<th>Er.R.Selvaraj</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. CSI Membership No.</td>
<td>10016067</td>
</tr>
<tr>
<td>3. Membership Type</td>
<td>Life</td>
</tr>
<tr>
<td>4. CSI Membership since</td>
<td>2001</td>
</tr>
<tr>
<td>5. E-mail address</td>
<td><a href="mailto:selva.mkk3@gmail.com">selva.mkk3@gmail.com</a></td>
</tr>
<tr>
<td>6. Date of Birth (Age)</td>
<td>29/12/1958(63)</td>
</tr>
<tr>
<td>7. Postal Address</td>
<td>2/71 Anna Street, Melakalkandar kottai, Tiruchirappalli 620011</td>
</tr>
<tr>
<td>8. Phone/ Mobile/ Fax Nos.</td>
<td>9489746623/9345539657</td>
</tr>
<tr>
<td>9. Educational Qualifications</td>
<td>M.E. Ph.D.</td>
</tr>
</tbody>
</table>

10. Publications – relevant to the office being nominated for:

   *From the year 2006, Taking care of CSI TIRUCHIRAPPALLI E News Letter Cascade & Got Best E News Letter Award in CSI Convention for the past 3 years*

11. Contribution to the IT profession:

   *More than 500 Technical Lectures in CS&IT had been arranged for CSI Tiruchirappalli Chapter from the Year 2001*

12. Contribution made to CSI:

   *Management Committee Member from 2002-2006*
   *Honorable Secretary, CSI Tiruchirappalli Chapter from 2006-2008.*
   *Nomination Committee Chairman, CSI Tiruchirappalli Chapter in 2014-2016*
   *Vice Chairman, CSI Tiruchirappalli Chapter during 2017-2018 & 2018-2019*
   *Chairman, CSI Tiruchirappalli Chapter during 2019-2020 & 2020-2021*

13. Experience - relevant to the position nominated for:

   *Honorable Secretary, CSI Tiruchirappalli Chapter (2006-2008)*
   *Vice Chairman CSI Tiruchirappalli Chapter 2017-2018 & 2018-2019.*
   *Chairman, CSI Tiruchirappalli Chapter 2019-2020 & 2020-2021*

14. Honours/ Professional Recognition:

   *As a Management Committee Member, as Honorary Secretary, as Vice Chairman & as Chairman 1. Got Best Chapter Award for CSI Tiruchirappalli Chapter for 9 times including the CSI Convention in January 2020 at Bhubaneswar.*
   *2. Got Best E News Letter Award for CSI Tiruchirappalli Chapter for 3 times consecutively including the CSI Convention in January 2020 at Bhubaneswar.*

15. Other Relevant Information:

   *Organized State Level CSI Workshop in March 2020 in the topic Bio Informatics in association with Anna University Tiruchirappalli and Bharathidasan University Technology Park, Khajamalai Complex, Tiruchirappalli.*
16. In case of Nominees who are holding or have held
   an Elected post in CSI ExecCom or NC in the last 3 years: **NIL**
   a. Positions held
   b. Statements of Intent submitted for the above positions: Submitted
   c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
Date: 08/06/2022

** Give information in brief.(last 3 year )-Use additional sheet if required
STATEMENT OF INTENT

1. I attest that I have qualification and experience to serve as a Divisional Chairperson (Division 4)-communications.

2. I assure that, I will devote adequate time for the society’s work.

3. I assure that, I will execute my responsibility to promote CSI activities in different regions.

4. I assure that, I will work according to CSI Bylaws and Constituencies.

5. I assure that, I will perform for the betterment of society.

6. I have been closely associated with CSI, so I can promote CSI in different types of audience.

7. I will put my sincere efforts to significant change in Divisional Chairperson (Division 4)-communications.

Signature
08/06/2022
SELVRAJ.R Er. Short Bio-Data
Er. R. Selvaraj received his B.E Degree from Regional Engineering College (Presently NIT), Tiruchirappalli Under Bharathidasan University, and Tiruchirappalli in First Class with Distinction. He received his ME Degree from Regional Engineering College (Presently NIT), Tiruchirappalli under Bharathidasan University, and Tiruchirappalli in First Class with Distinction. He has more than 4 decades of Industrial Experience in BHEL, Tiruchirappalli. He retired as Senior Deputy General Manager from Bharat Heavy Electricals, Tiruchirappalli. He is currently pursuing his PhD, final year at Annamalai University, Chidambaram. He served as past Chairman of The Institution of Engineers (India), Tiruchirappalli Chapter from 2016 -2018. He conducted Weekly Lectures at IEI on Every week in various technical emerging Topics in which CS & IT shall be two programs in a Month. He has coordinated & conducted more than 500 Lecture programs in association with IEI for CSI Tiruchirappalli Chapter from the year 2006. He worked as Council member at IEI Kolkata in the year 2017 & served as Division Board member from 2018 to 2019. He is a Recognized reviewer for the IEI Engineering Congress Papers & also served as Co-Chairman in Engineering Congress Technical Sessions. He guided about 243 BE, AMIE & ME Students for their final year Projects in various topics. He is Life Member of Many Professional Societies like CSI, IEI, ISTE, IEEE, and ISNT, IWS, IIW, QCFI, IIIM, IIIE, IIOTA, IIPE, NPC, SESOI, IIIOPE, SOFA. He is very active member of CSI and also served as Past Chairman of CSI Tiruchirappalli Chapter. He worked for getting CSI Tiruchirappalli Chapter 9 times Best Chapter Award and 3 times Best E News Letter Award. He is taking care of the CSI Tiruchirappalli E News Letter from the year 2006. He got about 12 Republic Day Awards from BHEL Executive Director for his contributions in the Technical Area. He was involved with the Digital Transformation Group experts of BHEL, Tiruchirappalli in implementing MRP I, MRP II and also the ERP implementation at Commercial FBC & HRSG, Stores & Material Planning of Fossil Boilers and at the Boiler Production Shop Floor. He was in the organizing Committee of CSI Tiruchirappalli Seminars, Workshops, and Students Convention namely CONMICRO 99, ERP 98 & NSC 2001. He was actively involved in conducting seven one day state level workshops for CSI Tiruchirappalli Chapter.
POST FOR WHICH NOMINATED: Divisional Chairperson (Division 4)

1. Name: Dr Samiksha Shukla
2. CSI Membership No.: I1501885
3. Membership Type: Life
4. CSI Membership since: 2011
5. E-mail address: samiksha.shukla@gmail.com
6. Date of Birth (Age): 23/9/1983 (38)
7. Postal Address: G-1054, Brigade Panorama, Anchepalya, Kumbalgodu, Mysore Road, Bangalore, 560060
8. Phone/ Mobile/ Fax Nos.: 9880462311
9. Educational Qualifications: MTech (CSE), PhD
10. Publications – relevant to the office being nominated for: Attached in CV
11. Contribution to the IT profession: Being a Computer Science Teacher, Research and Guide, I contribute to various vertical such as Learning, building new application, state of art research project, Paper and Patent Publication. Organized many workshops and talks. Delivered and shared the knowledge through webinar, talk and FDP training etc. Convene a yearly international conference (IDSCS) in association with Springer and Technical Association with CSI. Organize a yearly research conclave.
12. Contribution made to CSI: As a Managing Committee member of Bangalore Chapter contributed in various event planning and execution. Helped chapter to bring in more institutional memberships. As a Regional Chair Mumbai and Goa Supported in getting resources for the events, planning and execution.
13. Experience - relevant to the position nominated for: 10 Yrs., closely associated with CSI.
14. Honours/ Professional Recognition: IEEE Senior member, Best Women Faculty Award by Analytic India Magazine (2021), Gold Medalist in PG, Vice Chair, IEEE-SA.
15. Other Relevant Information: Reviewer and Technical Programme Committee Member for many conferences and Journal. Founding Head of Data Science and Economics and Analytics Programme at Christ University, Pune Lavasa Campus.
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years:
   a. Positions held: Nil
   b. Statements of Intent submitted for the above positions: As an expert and experience working academics and research. I feel, I am an appropriate candidate for the position as I can bring in various resources and consultancy to support Division-4. Given a chance I would like to involve as many people as possible to learn and grow.
   c. Results achieved/ action taken
Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
Date: 08/6/22

** Give information in brief (last 3 year)-Use additional sheet if required
CV attached
Dr. Samiksha Shukla

G-1054, Brigade Panorama, Kumbalgodu, Mysore Road, Bangalore
09880462311
samiksha.shukla@gmail.com
samiksha.shukla@christuniversity.in

Personal Summary

An experienced and focused teacher, who is always committed to promoting the education and well-being of students. I am passionate about giving students the best possible education. I am able to establish supportive relationships with not only students but also with fellow teachers. I am fundamentally committed to good practice and innovation in teaching. I am always engaged in continuous learning to broaden my knowledge and experience.

Education

• **Doctor of Philosophy (Computer Science and Engineering)**, Christ University, Bangalore, Karnataka (2012-2015)
  
  • “Development of Computational Techniques for Preserving Privacy using Secure Multi-Party Computations”

  Supervisor: Dr. G Sadashivappa, R V College of Engineering, Bangalore.

• **Course Works Completed:**
  
  • Research Methodology (Passed with First Class)
  
  • Design Research Methodology (Passed with First Class)

• **Master of Technology, (2005-2007), (Computer Science and Engineering)**, Rajiv Gandhi Technical University (RGTU), Bhopal, Madhya Pradesh
• Passed with Distinction (76.1%)

• **Master of Science, (Information Technology) (2003-2005),** Devi Ahilya Vishwa Vidhyalaya (DAVV), Indore, Madhya Pradesh
  
  • Passed with Distinction (91.96%)

• **Bachelor of Science, (2000-2003), (Computer Science),** Devi Ahilya Vishwa Vidhyalaya (DAVV), Indore, Madhya Pradesh
  
  • Passed with First Class (71.33%)

**Awards**

• Award for University Topper in M.Sc. (IT)

• Best Women Faculty Award from Analytic India Magazine (2021)

**Research Interests**

Computation security in a multi-party environment and how can we relate computer science to social physics. My work is highly relevant to security, confidentiality, and privacy aspects.

Data Science and Machine Learning

Healthcare Application of Data Science

**Teaching Experience**

• Working as Associate Professor and HOD, Department of Data Science, CHRIST(Deemed to be University), Lavasa, Pune

• Employed with Assistant Professor, Department of Computer Science and Engineering, Faculty of Engineering, Christ University, Bengaluru, August 2008 – April 2019.

• Lecturer, MCA, Alliance Business Academy, Bangalore, MCA Department, November 2007 - July 2008.

**Teaching Expertise**

• Database Management Systems (DBMS)

• Operating System (OS)

• Computer Networks

• C & C++

• Object-Oriented Modelling and Design
- VLDB

**Mphil/Ph.D. Supervision**


**Administrative Activity/FDP Details**

- **Founding Head**, Department of Data Science, Christ University, Pune Lavasa Campus.
- **Convener**, 2019 International Conference on Data Science and Communication (IconDSC), (IEEE), March’19.
- **Session Chair**, “7th International Congress on Information and Communication Technology”, 21-24, February 2022.
- **Attended FDP**, “Excel for Analytics”, 15-22, Jan’22.
- **Resource Person for** “FDP on Recent Trends in AI/ML and Data Science”, organized by JIS College of Engineering, 05-10, July’21.
- Talk on “From Data to Data Science” in webinar conducted by “SGBIT, Belagavi”, 10, June 2021
- **Session Chair**, “Recent Trends in Computer Science and Information Technology (RTCSIT-2021)”, 09, June 2021.
- **Resource Person for** “Online Short Term Training Program (STTP) on Data Science and Machine Learning sponsored by All India Council for Technical Education (AICTE)” organized by Narula Institute Of Technology 81, Nilgunj Road, Agarpura, Kolkata, 07-11, June’21.
- **Attended Quality Improvement Program on** “Hybrid Teaching”, Organized by Staff Development College, Christ University, 02-08, March’21.
- **Attended workshop on** “FROM PRIVACY TO FAIRNESS IN AI” organized by The Association of Data Scientists, Jan’21.
- **Attended FDP**, “AICTE Training And Learning (ATAL) Academy Online FDP on ”Blockchain”, 22–26, June 2020
- **Attended FDP**, “ATAL Artificial Intelligence”, 08-12, June’20.
- **Resource Person for** “Faculty Development Program on Innovation and Research in Data Science with Visualization using Python”, 06-07, June’20.
- **Keynote address on** “Opportunities in Data World”, Kompass Academy and CHRIST(Deemed to be University), Lavasa Pune, 09, May’20
- **Organized**, Research Methodology and IEEE Authorship Lab, Sep’20
- **Attended training on** “Google Cloud OnBoard: Big Data & Machine Learning”, Organized by Google (Online), September’19.
- **Attended FDP on** “Building Excellence in Research and Publications: The New Navigation”, CHRIST (Deemed to be University), Lavasa, Pune, May’19.
- **Curriculum Design, Planning for curating new programmes at Lavasa Campus.**
- **Organized and Attended**, “2019 IEEE International Conference on Data Science and Communication (IconDSC) (46015), Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, 01-02, March’19.
- **Attended Conference** “Cyber Security in the Age of Smart Manufacturing- Conference”, organized by FICCI, New Delhi, 26 September’18.
- **Organized and Attended**, “CISCO Women Rock-IT”, Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, 25 September’18
- **Organized** “IEEE Networking Event Future Next-2030”, Department of Computer Science and Engineering, CHRIST (Deemed to be University), Bangalore, 17, July’18.

Organized One-day free workshop on “Microsoft Azure”, in association with Microsoft India, at Faculty of Engineering, Christ University, Bengaluru, 18th June’16.

Attended FDP on “Quality Sustenance and Enhancement through Innovation”, at Christ University, Bengaluru, 27th May’2016 and 30th May’2016.

Conducted FDP on “How to do review literature?” at Faculty of Engineering, Christ University, Bengaluru, 26th May’2016.

Attended FDP on “IoT and Research”, at Faculty of Engineering, Christ University, Bengaluru, 23-25th May’2016.

Organized National Conference on Challenges and Opportunity in Computer Engineering, NCCOCE’16, at Faculty of Engineering, Christ University, Bengaluru, 5th March’2016.

Attended Technical Talk on “Data Science”, at Faculty of Engineering, Christ University, Bengaluru, 8th February’2016.

Attended MATLAB training at Faculty of Engineering, Christ University, Bengaluru, 20th November’2015.


Delivered Technical Talk on “Research Methodology”, for Research Scholar & Faculty Members at Faculty of Engineering, Christ University, Bengaluru, 18th Jan’2016.

Organized Tech Fest GATEWAYS, Christ University, Bangalore, 2010.

Class Room Organization & Resource Management.

Chaired sessions in IEEE International conference and other National Conferences.

Reviewer in various CSI and IEEE Conferences.

Faculty in charge for College Level Tech Fest, Christ University.

Seminar in-charge for 2 yrs., Christ University.

Mentor for MCA, BTech and MTech, Christ University.

Conducted Faculty Development Program for PHP, Christ University.

Participated in MATLAB Training, Christ University.

Attended Holistic Training, Christ University.

Participated in Design Research Methodology (DRM) workshop, Christ University.

Research and Project Guidance:

Guided UG and PG projects.

Guided MPhil Thesis “Efficient Management of Feed resources using data mining techniques”, Department of Computer Science, Christ University, Bengaluru, 2009.


Books Published (Edited and Authored):


Book Chapters:


15. Publication in Periodicals:


Journal Article:


**Patents Published:**

3. A Diet and Workout Recommendation System using Improved Conditional Restricted Boltzmann Machines (Crbm) and Method Thereof
4. An Apparatus for A Predetermined Language Transliteration and Method Thereof
5. Smart Assistive Device for Visually Impaired
6. Easy and Swift Cane Juicer with Augmented Bagasse Brick Maker
7. A System for Confidential Inference and Model Protection using Secure Multi-Party Computation
8. A Storage System for Data Encryption and Decryption using Line Graphs and Method Thereof

**International Paper Published/Presented:**


4. Samiksha Shukla, Rachna Chouksey,“Protocol for Privacy-Preserving Data Mining”, proceeding of International conference on cognition and recognition, ICCR’08, organized by P. E. S. College of Engineering, Mandya, India, 10th -12th April 2008.


**National Paper Published/Presented:**


10. Samiksha Shukla, “A Review: Preserving Privacy During Data Mining”, in the conference proceeding of National Conference on Computer Science and Advances in
Information Technology organized by College of Computer Science and Information Technology, Latur, on 18th -19th February 2008.


Seminar/Symposium/Conference Attended

6.
MOOC Courses Completed:

1. Course on Big Data & Social Physics, MIT, Cambridge.
3. SQL and Relational Databases, IBM-Big Data University, April’2020.
9. Learn to Teach Online, Coursera, June’2020.
11. MATLAB Training
12. Talk on Curriculum Planning
13. QIP on IoT & Research
14. IIREF-Security Protocols for Smart Devices
15. Decision making under Uncertainty using Octave and Ageena Risk
16. Big Data Analytics Workshop
17. QIP-Research Trends Tools and Process
18. National Conference on Challenges and Opportunity in Computer Engineering-NCCOCE’17 Conference Chair
19. CISCO-Women Rock IT
20. Seminar on ICT Solutions for Digital and Smart Karnataka
21. Workshop on Satellite Remote Sensing and Image Analysis
22. Quality Improvement Program on Teaching-Learning and Evaluation Process
23. QIP-Research Tools and Mega Trends Weka, R, Packet Tracer, IoT and BlockChain
24. Springer Workshop on Research Methodology
25. Author Workshop
27. Workshop on Data Science and Machine Learning
28. Google Coursera MOOC
29. Faculty Development Program on Innovation and Research in Data Science with Visualization using Python
30. A Crash Course in Data Science
31. Data Science Ethics
32. Data Science in Real Life
33. Learn to Teach Online
34. Introduction to Relational Database and SQL
35. The Data Scientist's Toolbox
36. Programming for Everybody (Getting Started with Python)
37. SQL and Relational Databases
38. AWS Fundamentals Going Cloud Native
39. AICTE Training And Learning (ATAL) Academy Online FDP on "Blockchain
40. ATAL Artificial Intelligence
41. Innovation & Research in Data Science with Visualization Using Python
42. AICTE-STTP Advanced Deep Learning Techniques using Python
43. Quality Improvement Program
44. FROM PRIVACY TO FAIRNESS IN AI
45. Online FDP on "Data Sciences"
46. TWO-DAY WORKSHOP ON RESEARCH METHODOLOGY AND IEEE AUTHORSHIP LAB
47. Creating Interactive Learning Videos with Edpuzzle
48. TEQIP Sponsored Five Days FDP on Scalable Machine Learning on Big Data
49. Coursera MOOC
50. Creating New BigQuery Datasets and Visualizing Insights
51. Achieving Advanced Insights with BigQuery
52. Applying ML to your Data using GPU
53. From Data to Insight using Google Cloud Platform
54. Quality Improvement Program on Hybrid Teaching
55. Online Short Term Training Program (STTP) on Data Science and Machine Learning sponsored by All India Council for Technical Education
56. FDP on Recent Trends in AI/ML and Data Science
57. QIP on Foundations of Statistics for Data Science
58. Artificial Intelligence & Machine Learning (AI&ML- 2021)
59. Mathematical Foundation for Data Science
60. Research Methodology and IEEE Authorship Lab
61. Excel for Analytics

Article in Magazine and News Letter:


On-Going Research Projects:

Currently working on 6 projects with students at CHRIST(Deemed to be University), Bangalore, Amrita University, Bangalore and Dr Aynur Unal, Alumni, Stanford University, USA.
1. Mental Disorder Diagnosis Using Signatures Based Machine Learning

Depression and anxiety are the most common mental disorders in this world. According to statistics of 2016, 7.4% of all adult and 19% of all teenage female suffer from depression. In India, National Crime Records Bureau shows that 35 out of every 100,000 people commit suicide due to depression. A study in 2017 by Assocham, showed that 42.5% of the employees in the Indian private sector industry are distressed with mental disorders like anxiety and depression. According to recent study conducted by WHO shows that India is the most depressed country followed by China and the United State of America. We will discuss signature-based deep learning model for this problem.

Depression and anxiety are misdiagnosed for each other as they are very closely related to each other. Symptoms for both these medical conditions are nearly the same and often doctors misdiagnose the patient’s illness. Conventionally, the analysis of depression for a particular individual is carried out if the patient ordeals through any of the following feelings mentioned:

1. Feeling pitiful constantly.
2. Loss of thrill in activities.
3. An immense change in appetite which causes a loss in weight or gain in weight.
4. Resting excessively or extremely less.
5. Trouble in focus and deciding.

There are different analysis technique utilized by specialist such as Physical examination, blood test, Psychiatric assessment, etc. The symptoms which distinguish between these disorders are very minute and quite easy to be miss out on. We need to inspect these symptoms closely and understand the pattern which differentiates between depression and anxiety rises. For that, we used machine learning based on recognizing signatures and predicting the illness. The sample data contain the mood rating for different emotion of a patient throughout a day and time duration represents the path.

A signature of a path describes what happens before a particular moment on that path. Mathematically, signature is an infinite long vector.
In this project, the proposed model uses two state of arts Recurrent Neural Network LSTM and GRU. These address the issue of long term dependencies using the concept of gates. These gates regulate what information is kept, updated or removed. The next layer contain 1D convolutional layer to get a higher order understanding of the features which is computed with statistical feature such as age and fed to dense layer. At the end, output class is computed using softmax function with loss function as categorical cross entropy and learning optimized using Adam Optimizer.

2. Mobile AI-driven Emergency Neonatal Incubator

Neonatal Incubator:

Providing medical health care in rural regions in many countries is a challenging task due to the lack of infrastructure and affordability. Statistic states that out of 27 million babies born every year in India, about 3.5 million of them are premature. The biggest cause of newborn death in the world is due to premature death.

Premature born needs extreme care due to their sensitivity towards temperature, radiation and etc.

The ultimate solution to such case is to design and develop a portable and affordable neonatal incubator which is monitored by AI system which reduces the cost of expensive medical instrument and manage unavailability of doctor till the baby is taken to the nearest health center. The incubator used in ambulances will include a self-balancing system to provide a smooth ride for the baby in the incubator due the neven rough Indian terrains. The AI system will monitor the conditions of the baby, using an Infrared camera that will be fitted in the incubator, and will set the conditions of the incubator accordingly. The model will also include an alerting system for the nurse during any abnormal activity of the baby.

One of the major advantages of this model is that it surpasses existing techniques. This AI technology can act as an assistant to nurses where there is a high demand for doctors but there are no doctors available. This AI model can also be implemented to operate various other medical equipment and technologies.

3. Drone Delivery using AI-based ICT to Provide Basic Healthcare to Rural Areas
An AI-based ICT booth will be developed to be deployed in rural areas to provide basic healthcare check up to the people, along with it an autonomous drone based medicine delivery system which will be developed which will drop the medicines to the location of the ICT booth from the nearest health center. The ICT booth will be running a voice assistant that will talk like a doctor to the villager in the local language. The responses along with the heartbeat readings will be sent to the backend. The backend will be running deep learning models to determine what is wrong and suggest the prescription accordingly. This prescription will be delivered to the ICT phonebooth by an autonomous drone. If the problem detected by the deep learning model is something severe, an ambulance will be alerted to go to the village and pick up the villager.


Diabetes is a chronic disease that occurs either when the pancreas does not produce enough insulin or when the body cannot effectively use the insulin it produces. Insulin is a hormone that regulates blood sugar. In 2014, 8.5% of adults aged 18 years and older had diabetes. In 2016, diabetes was the direct cause of 1.6 million deaths and in 2012 high blood glucose was the cause of another 2.2 million deaths. Usually, blood is the one most widely used mode of measurement of glucose in blood. This may give us very accurate results but is also one of the most dangerous methods to conduct the test. Blood test, is usually done by pricking the patients hand using a needle, hence forcing the blood to flow out.

Even though this method is pretty accurate and most widely used all over the world, it certainly has its own disadvantages. Contamination of blood can occur in different ways, such as, when a needle used in the extraction of blood is same for two different patients. This is one such major problem occurring in the rural areas throughout the globe. To try and stop such destructive and invasive methods of diagnosing glucose, we have come up with this technique of glucose detection using a non-invasive method, i.e. urine.

A urine sample is collected on field and a measured amount of the chemical compound, Benedict’s Reagent, is dropped into the sample automatically. Now using induction coil, we supply heat to the mixture, hence creating a color change in the testing solution. This color change is detected using a color sensor and computed using an embedded soc.

The table demonstrates the connection between the colors and the measure of diabetes that can be recognized by it.
<table>
<thead>
<tr>
<th>Color of solution</th>
<th>Inference on Diabetes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>Nil</td>
</tr>
<tr>
<td>Green</td>
<td>Traces of Reducing Sugar</td>
</tr>
<tr>
<td>Dark Green</td>
<td>Traces of Reducing Sugar</td>
</tr>
<tr>
<td>Yellow</td>
<td>Low diabetic</td>
</tr>
<tr>
<td>Orange</td>
<td>Moderately diabetic</td>
</tr>
<tr>
<td>Red Brick</td>
<td>Highly diabetic</td>
</tr>
</tbody>
</table>

5. **Intelligent Neonatal Incubator For Rural Hospitals**

Currently it is impossible for the medical centers in the rural areas to afford a neonatal incubator for every newborn due to its price and transportability. The successful delivery of neonatals are hampered in India due to its increasing population along with limited technology and resources.

According to many survey, 40% - 50% of neonatal incubator deaths in rural areas are caused by the current incubator faults like overheating, overexposure of UV levels. Our objective is to design and develop an AI based incubator that automates the processes such as
temperature, UV exposure, Oxygen supply according to specific needs. The incubator will be designed as per the suggestion made by the doctors of the health centre.

This incubator comes with lots of capabilities such as to measures Cardiac output of the baby and the whole environment inside incubator. The incubator is connected to the network of systems in order to track the data and notify the nurse or the doctor or even the parents if necessary. There is a inbuilt Emergency battery supply and oxygen supply in the incubator. This system will be capable of even notifying the nearby hospital in case of emergency where “Mobile AI-driven Emergency Neonatal Incubator” can come into picture for transportation of premature born. The design of this incubator is portable and sleek.

The front panel can be opened completely to access the baby for cleaning urinals. There is a self-cleaning system to make sure the infections are not spread when the babies are changed.

6. FLOOD PREDICTION OF KAZIRANGA

For many years The Kaziranga national park has been victim of flooding causing loss of lives for both human and animals.

The project focuses on the prediction of flood in Kaziranga national park for the upcoming months. We are making a RNN (recurrent neural networking) model on basis of the parameter of pressure, temperature, Rainfall, Windspeed for past 10 years. It has occurred mostly between June to September hence the model will be focusing on these months itself.
BIO DATA (format)

POST FOR WHICH NOMINATED: Divisional Chairperson (Division 4) – Communications
(Even Year)

1. Name: Sandeep Bhanudas Karkhanis
2. CSI Membership No.: 10173366
3. Membership Type: Life/Annual/Institutional Life
4. CSI Membership since: Life member since 07 July 2011, Annual member since 1989

5. E-mail address: sandeepbhanudas.karkhanis@gmail.com
6. Date of Birth (Age): 08 March 1966 (Age 56 Years)
7. Postal Address: Flat No. 3, Archit Regency Society, Savarkar Nagar, Gangapur road, Nashik, Maharashtra State PIN 422013
8. Phone/ Mobile/ Fax Nos.: 0253-2340212, Mob. 9823202079

10. Publications – relevant to the office being nominated for: Contribution to CSI communications by sharing published corporate articles. Recent one being article on “Physical (Physical + Digital) workplace” by HR head of Robert Bosch software division

11. Contribution to the IT profession:
   ii. Work flow, process control and resource management of gauges and measuring instruments at Bosch Nashik (LEDA400 system). Business Result – 1. Smooth migration to AS400 database system. 2. Real time capturing online system for gauge and measuring instruments calibration. 3. Inventory control of gauges and measuring instruments.
   iii. Risk identification and minimization of CNC machines and equipment’s for potential risks identified towards “Year 2000 or Y2K”. Business Result – Smooth transition to Y2K
   v. Key user and analyst for SAP-R3 MM module for procurement, gauge and measuring instrument management and machine maintenance submodules, as core team member for migration to SAP-R3 globally deployed for Bosch group ‘Automotive Business Unit’ and further implementation and sustenance at Nashik. Business Result – 1. Globally uniform and standard system. 2. A step towards futuristic integration of various operational platforms with SAP-R3 as core.


viii. Development of ‘Industrial Accident Reporting and Management System’ at Bosch Nashik plant. Extending the deployment to capture minor and “near-miss” incidents to eliminate unsafe conditions and unsafe acts to reduce industrial accidents. Business Result – 1. Capturing of all types of unsafe incidents and thereby analysis for Zero accidents mindset. 2. Data driven mind set change towards safety at work. 3. Reduced number of industrial accidents (almost zero).

ix. Nominated active user and assessor of various IT applications for “next generation workplace” on Bosch intranet with “Bosch Connect” and internal social media platforms. Business Result – 1. Risk minimization of developed solution before “Go Live”, 2. User experience improvement for effective and enjoyable use of developed application.

x. Promoting Industry 4.0 to micro, small, medium size industry (MSME) to create awareness about I 4.0 and its effectiveness towards productivity, data-based decision support and cost effectiveness by introducing them SaaS, IaaS, PaaS like concepts. Member of CII Maharashtra panel on innovation and manufacturing since year 2021.

12. Contribution made to CSI

i. Member of managing committee for CSI Nashik region chapter from year 2013 to year 2019 – off which year 2014 to year 2019 member of ‘Office Bearers’ in capacity as Hon. Secretary 2014-15-16, Vice Chairman 2016-17, Chairman 2017-18, IPC 2018-19.

ii. Administration of award winning weekly “Knowledge Sharing Series” of CSI Nashik Chapter. (Presently Issue 603 got released. – No break in last 603 weeks).

iii. Successful organization on yearly basis for SEARCC programming competition for school students for CSI Nashik region.

iv. Organizing IT Quiz, Essay Competition for CSI Nashik region as well as region VI.


vi. Collaboration with students branches in the region and engaging them for active participation. Coordination to sort out their operational issues.

vii. Ideation, conceptualization, deployment and sustenance of “Project Competition’ to sensitize and nurture “innovation mindset” since year 2016. The innovation initiative is further supported by TCS foundation by way of handholding, process of ideation to innovation to product launch. Every year 4-5 CSI projects are selected for innovation coaching in addition to winning team projects.

viii. IT industry and ICT professionals oriented sponsored seminars and workshops (SAP, VM Ware, CISCO, HITACHI, etc.) organized to present modern technology trends and inculcate professional organization skills of CSI Nashik members and selected students.

ix. Successful and effective organization with sponsorship from IT Industry – for the Final round of “Young IT Professional (YITP) competition in the year 2017. This is on behalf of CSI Region VI (Maharashtra & Goa) organized by CSI Nashik Chapter.

x. Identify and recognize outstanding personalities in the field of information and communication technology and awarding with "Yashokirti Puraskar"

13. Experience - relevant to the position nominated for:
   i. Collaborative efforts with chapter chairpersons to share resource persons for topics related to technology and good practices (Year 2016-17-18)
   ii. Visiting faculty to engineering colleges in the Region VI for Industry 4.0
   iii. Coordination with education directorate.
   iv. Encourage and add educational ‘institutional membership’ (Approx. 2 members/year)
   v. Hosting and directing regional student convention in the year 2016 at MET Bhujbal Knowledge City Nashik.
   vi. Organizing seminars and conferences from ICT Industry (SAP, VM Ware, CISCO, HITACHI, etc.)
   vii. Attempted to initiate concept of weekly newsletter in other chapters of Region VI – similar to one in Nashik Chapter – “Knowledge Sharing Series”
   viii. Successful and effective organization with sponsorship from IT Industry – for the Final round of “Young IT Professional (YITP) competition in the year 2017. This is on behalf of CSI Region VI (Maharashtra & Goa) organized by CSI Nashik Chapter.

14. Honours/ Professional Recognition:
   i. CSI Nashik region chapter chairman 2017-18
   ii. Representing Nashik Chapter in CSI-2015 golden jubilee convention
   iii. Data Security partner for technical function departments at Bosch Nashik.
   iv. Assessor for IT enabled “Next Generation Workplace”
   v. Internal IT systems and compliance auditor CMM2
   vi. Certified auditor for ISO9001, IATF 16949, ISO 14001, OHSAS 18001
   vii. Recognized leader in Bosch global LeaD program.
   viii. Qualified practicing assessor for CII-EXIM Bank Business Excellence based on EFQM
   ix. Certified practicing “People’s Manager” by GPTW (Great Place To Work)

15 Other Relevant Information : I have always leveraged ICT knowledge and initiatives to minimize, reduce or eliminate the pain areas of business/ operations. Computer Society of India have always provided many opportunities to learn new concepts and technologies as well as encouraged to take initiatives in the field of ICT aligned to the vision and mission of CSI. I have regularly been in touch with CSI members and managing committee team to guide, coach, encourage and mentor their ideas and thoughts. Recognized as ‘solutions provider’ in industry as well as educational institutes in the region.

16. In case of Nominees who are holding or have held
    an Elected post in CSI ExecCom or NC in the last 3 years:
    a. Positions held
    b. Statements of Intent submitted for the above positions
    c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee (Sandeep Bhanudas Karkhanis)
(CSI Membership No. IOI73366)
Date: 31.05.2022
Statement of intent on how the nominee intends to serve the Computer Society of India.

I, the undersigned, Sandeep Bhanudas Karkhanis, would like to serve Computer Society of India in following manner –

1. Be participative and engage myself to understand the potential opportunities and challenges to take CSI ahead and on various platforms and knowledge areas. Initiate cross divisional collaboration to organise programs for members, working professionals and general public to connect them to ‘DIGITAL INDIA’.

2. As an initiative for ‘DIV 4 – Communications’, to underline the importance and benefits of “communicate with data” and ‘decision support systems with large size data’; organise knowledge sharing sessions in the subject of cloud computing. Bring leading cloud-based solutions provider to share their expertise and build adequate synergies to help ICT industry.

3. As an initiative for ‘DIV 4 – Communications’ involve and engage other divisions to formulate and organise conferences for working professionals, so as to introduce to them latest trends in technology; develop competitiveness and inspire young IT professionals.

4. Collaborate with Institute of Electronics & Telecommunications Engineers (IETE), to organise a program that provides insights of futuristic communication technologies and opportunities to develop modern technology-based ICT solutions.

5. As an initiative for ‘DIV 4 – Communications’ collaborate with SIG – Special Interest Group for Free and Open-Source Software to encourage research and solutions development. Organise a 2-3-day conference that not only provides detailed technical know-how but also proactively discuss the problem areas of the stakeholders and provide cost effective solutions.

6. Find opportunities to seek sponsorships from corporates, leading IT companies / institutes for CSI programs, so that the programs can be organised for members and students at cost effective participation fees.

7. Engage chapters for conferences, workshops and encourage them for thematic programs and motivate student branches to leverage the expertise of senior CSI members and get direction for their ideas.

8. Encourage collaboration towards innovative approaches to develop ICT based solutions.

Sd/-
Sandeep Karkhanis
CSI Membership No I0173366
BIO DATA

POST FOR WHICH NOMINATED: Divisional Chairperson (Division 4) – Communications (Even Year) (For the Term 2022-31/3/2024)

1. Name: DR. VIJAY SINGH RATHORE
2. CSI Membership No.: I1502301
3. Membership Type: Life
4. CSI Membership since: 21st Dec, 2014
5. E-mail address: vijaydiamond@gmail.com
6. Date of Birth (Age): 11th July, 1978 (44 Years)
7. Postal Address: S-5, BANKERS COLONY, MAHARANA PRATAP MARG, PANCHYAWALA, JAIPUR -302034
8. Phone/ Mobile/ Fax Nos.: +919783307390
9. Educational Qualifications: PhD (Computer Science), MTech (Comp. Sc.), MCA
10. Publications – relevant to the office being nominated for: Detailed CV Attached
11. Contribution to the IT profession: Detailed CV Attached
12. Contribution made to CSI: Detailed CV Attached
13. Experience - relevant to the position nominated for: Detailed CV Attached
14. Honours/ Professional Recognition: Detailed CV Attached
15. Other Relevant Information: Detailed CV Attached
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: Chairman, CSI Jaipur Chapter
   a. Positions held Chairman, CSI Jaipur Chapter
   b. Statements of Intent submitted for the above positions Attached
   c. Results achieved/ action taken Detailed CV Attached

Signature of Nominee, Date: 6th June, 2022 Place: Jaipur
Dr. Vijay Singh Rathore

Attached herewith Photograph and Relevant Details: Attached here under

Profile CV

Prof.(Dr.) Vijay Singh Rathore
PhD(Computer Science)-2007, MCA, MTech(CS), MBA,, ICAD-USA, ICDA-USA, Diplomas in French & German

Teaching Experience: 20 Years

Head-CS & Director-International, IIS (Deemed to be University), Jaipur

Secretary, ACM Professional Chapter Jaipur

Research Area: Cloud Computing, IoT & Security

ORCID ID: https://orcid.org/0000-0001-8651-4085
Researcher ID: J-5101-2017
Scopus Author ID: 57188553485
Facebook ID: https://www.facebook.com/ vijay.s.rathore.39
E-mail Address: vijaydiamond@gmail.com
vijaysingh.rathore@iisuniv.ac.in

Mobile: +919783307390
Postal Address: S-5, BANKERS COLONY, MAHARANA PRATAP MARG, PANCHYAWALA (VAISHALI NAGAR), JAIPUR-302034

Past Chairman, CSI Jaipur Chapter (Id I1502301)
IEEE Professional Member (Id 94011888)
ACM Professional Member (Id 7838806)

Scopus Indexed Papers 30+
Google Scholar Citations: 224
h-index : 8 i10 index : 6

Scopus Papers: 30 h-index : 2

Research Gate Score: 9.36 h-index : 2

Date of Birth (Age): 11th July, 1978 (43 Yrs)

Current Status:
- Head-CS & Director-International, IIS (deemed to be) University, Jaipur
- Secretary, ACM Professional Chapter Jaipur
- Past Chairman, CSI (Computer Society of India) Jaipur Chapter
- Three Patents
- Registered Supervisor of Ph.D. (CSE/IT/MCA) in Rajasthan Technical University. Kota
- PhD Supervised in Computer Science and Engineering (Awarded: 18, Under Supervision: 09)
- Member of Various Committees of UGC, IGNOU, RTU, UOR, UOK, VMOU, IISU, SGVU, JNU, JNVU, UOJ, JRNRVU, JU, Anna University etc.
- Research Papers: (Total 97 Papers, 18 National, 79 International) (Includes Springer, Elsevier, IEEE, etc indexed with Web of Science, Scopus, Google, etc.)
- Reviewer in some National and International Journals including Transactions on Computational Science (TCSC)
- Books Written: 10 Books on some subjects of CSE, IT and Management.

### International Academic Visits:
(UK, USA, Canada, France, Netherlands, Singapore, Vietnam, Thailand etc.)

<table>
<thead>
<tr>
<th>SNo</th>
<th>Country</th>
<th>Role</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UK (London, Oxford, Lincoln, Dudley)</td>
<td>To attend an International Conference ICICT 2020 (<a href="http://www.icict.co.uk">www.icict.co.uk</a>) as Invited Speaker/Session Chair &amp; to receive “Award of Appreciation” and visited to seek Collaborations of IISI with some leading Universities of UK such as, University of Cambridge, Oxford Brookes University, City of Oxford College, Brunel University, University of Lincoln, Dudley College of Technology, Queen Mary University of London, UK <a href="https://iistie.iisuniv.ac.in/sites/iistie/themes/business/UKVISIT.pdf">https://iistie.iisuniv.ac.in/sites/iistie/themes/business/UKVISIT.pdf</a></td>
<td>19th Feb, 2020 to 29th Feb, 2020</td>
</tr>
<tr>
<td>2</td>
<td>Thailand (Bangkok)</td>
<td>As Invited Speaker &amp; Session Chair in SmartCom-2020 (Fourth International Conference on Smart Trends for Computing &amp; Communications) and to Receive “Award of Appreciation” on 24-25 Jan, 2020 at Hotel Novotel, SIAM Square, Bangkok, Thailand</td>
<td>24th Jan, 2020 to 25th Jan, 2020</td>
</tr>
<tr>
<td>3</td>
<td>Canada (Toronto, Waterloo, Ottawa, Hamilton)</td>
<td>As a Member of Indian Higher Education Knowledge Delegation to CANADA (Toronto) led by Prof Anil D Sahasrabudhe, Chairman, AICTE, &amp; Dr. B.L.Rama, Advisor, AICTE along with 10 Delegates. Institutions visited are University of Guelph (Toronto), University of Waterloo, Carleton University (Ottawa), Indian High Commission (Ottawa), Minister of Education (Ministry of Ontario, Toronto), Ryerson University (Toronto), Seneca College of Applied Arts &amp; Technology (Toronto), Mohawk College (Hamilton), York University (Hamilton) etc. <a href="https://iistie.iisuniv.ac.in/sites/iistie/themes/business/canadavisit.pdf">https://iistie.iisuniv.ac.in/sites/iistie/themes/business/canadavisit.pdf</a></td>
<td>20th May 2019 to 30th May 2019</td>
</tr>
<tr>
<td>4</td>
<td>USA (New York)</td>
<td>As Visitor Professor to Metropolitan College of New York, along with Dr. Amit Joshi, Chairman, GR Foundation</td>
<td>28th May 2019 to 29th May 2019</td>
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<tr>
<td>5</td>
<td>Thailand (Bangkok)</td>
<td>As Invited Speaker &amp; Session Chair in SmartCom-2019 (Third International Conference on Smart Trends for Computing &amp; Communications) and to Receive “Award of Appreciation” on 24-25 Jan, 2019 at Hotel Novotel, SIAM Square, Bangkok, Thailand</td>
<td>24th Jan, 2019 to 25th Jan, 2019</td>
</tr>
<tr>
<td>6</td>
<td>USA (New York, Washington DC, San Francisco, Philadelphia)</td>
<td>As a Member of Indian Higher Education Knowledge Delegation to USA (New York) supported by AICTE, Along with 30 Delegates led by Dr. Dileep N. Malkhede, Advisor (AICTE), and Dr. Rajeev Kumar, Advisor (AICTE). Visited Universities such as MIT, Harward, NYU, Pennsylvanina, Connecticut, MCNY, and US Deptt of Education, U.S. Chamber of Commerce, Embassy of India at USA etc.</td>
<td>4th Aug, 2018 to 18th Aug, 2018</td>
</tr>
<tr>
<td>7</td>
<td>UK (London, Lincoln)</td>
<td>As Co organizer (PC Chair) of the International Conference ICICT 2018 at London (<a href="http://www.icict.co.uk">www.icict.co.uk</a>) and As Delegate to discuss collaboration opportunities of JECRC foundation with Lincoln University, UK</td>
<td>22nd Feb, 2018 to 3rd March, 2018</td>
</tr>
<tr>
<td>8</td>
<td>Singapore (Singapore)</td>
<td>As Professor Visiting at NTU (Nanyang Technological University, Singapore) to understand research initiatives and educational practices and to discuss collaboration opportunities of JECRC foundation with NTU.</td>
<td>20th Jan, 2018 to 25th Jan, 2018</td>
</tr>
<tr>
<td>9</td>
<td>UK (London, Oxford)</td>
<td>As a Member of Indian Higher Education Knowledge Delegation to UK led by Prof Anil D Sahasrabudhe, Chairman, AICTE, &amp;Dr. Dileep N. Malkhede, Advisor, AICTE along with 28 Delegates.</td>
<td>9th July, 2017 to 21st July, 2017</td>
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<tr>
<td>SNo</td>
<td>Conference Name &amp; Detail</td>
<td>Venue</td>
<td>Role</td>
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<tr>
<td>1</td>
<td><strong>FICR-TEAS 2022</strong>: 2nd FICR International Conference on Rising Threats in Expert Applications and Solutions</td>
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<td><a href="https://www.ficr.iisuniv.ac.in">https://www.ficr.iisuniv.ac.in</a></td>
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<tr>
<td>2</td>
<td><strong>ICTCS-2021</strong>: Sixth International Conference on Information and Communication Technology for Competitive Strategies</td>
<td></td>
<td><a href="https://ictcs.in">https://ictcs.in</a></td>
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<tr>
<td>3</td>
<td><strong>ICDAM – 2021</strong>: 2nd International Conference on Data Analytics and Management</td>
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<td><a href="http://icdam-conf.com">http://icdam-conf.com</a></td>
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<td>4</td>
<td><strong>ICTCS-2020</strong>: Fifth International Conference on Information and Communication Technology for Competitive Strategies</td>
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<td>5</td>
<td>“i-Waves 2020”: (International Webinars on Advances in E-Services) by IIS-TIE (The International Cell) of IISU in association with ACM Professional Chapter Jaipur &amp; Speakers from 7 countries (UK, Australia, Italy, Poland, Portugal, Philippines, &amp; Serbia)</td>
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<td>6</td>
<td><strong>ICICT 2020</strong>: Fifth International Congress on Information and Communication Technology in concurrent with ICT Excellence Awards</td>
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<tr>
<td>7</td>
<td><strong>SMARTCOM 2020</strong>: Fourth International Conference on Smart Trends for Information Technology and Computer Communications</td>
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</tr>
<tr>
<td>8</td>
<td><strong>FICR-TEAS 2020</strong>: FICR International Conference on Rising Threats in Expert Applications and Solutions</td>
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<tr>
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<td>-------------</td>
</tr>
<tr>
<td>1</td>
<td>Outstanding Academic Leader of the Year</td>
<td>For Active contribution in technical education, research, publications, and international affairs.</td>
<td>UILA Awards -2021 Universal Innovators Leadership Awards -2021 on 20th Feb, 2021 at Saheed Sukhdev College of Management, New Delhi</td>
</tr>
<tr>
<td>2</td>
<td>Award of Recognition of Service</td>
<td>In Appreciation for Contributions to ACM as Secretary Jaipur ACM Chapter 14-Aug-2019 - 13-Aug-2020</td>
<td>Awarded Online By Dr. Gabriele Kotsis ACM President, and Dr. Elisa Bertino ACM Secretary/Treasurer</td>
</tr>
<tr>
<td>3</td>
<td>Award of Appreciation</td>
<td>In recognition of the active participation in the international delegations and playing valuable role in seeking collaborations with international universities.</td>
<td>By. Prof. R. Simon Sherratt (University of Reading, UK) At “ICICT 2020 – International Congress &amp; Excellence Awards”, Brunel University, London (UK)</td>
</tr>
<tr>
<td>4</td>
<td>Award of Appreciation</td>
<td>For Active contribution in the promotion of research in Computing &amp; Communications.</td>
<td>By Dr. Chakchai So-In (Khon Kaen University) at SmartCom-2020 at Hotel Novotel, Bangkok, Thailand</td>
</tr>
<tr>
<td>5</td>
<td>Award of Guest of Honor</td>
<td>For Active contribution in technical education and research.</td>
<td>At “ICTCS-2019” (4th International Conference on Information and Communication Technology for Competitive Strategies” at B.N. University, Udaipur</td>
</tr>
<tr>
<td>6</td>
<td>Award of Appreciation</td>
<td>For distinguished contribution in the field of education and for nurturing young talent.</td>
<td>At “Principal &amp; Teachers Meet- 2019”, Hotel Royal Orchid, Jaipur</td>
</tr>
<tr>
<td>7</td>
<td>Certificate of Appreciation</td>
<td>For Active Support and contribution towards making the “Indian Higher Education Knowledge Delegation to Canada” highly successful and beneficial.</td>
<td>At Hotel Holiday Inn Toronto, Downtown Centre, Toronto (Canada) in the Felicitation Ceremony of “Indian Higher Education Knowledge Delegation to Canada”</td>
</tr>
<tr>
<td>8</td>
<td>Award of Appreciation</td>
<td>For Active contribution in research and academics.</td>
<td>By Dr. Milan Tuba (Serbia) at SmartCom-2019 at Hotel Novotel, Bangkok, Thailand</td>
</tr>
<tr>
<td>9</td>
<td>Certificate of Appreciation</td>
<td>For Active Support and contribution towards making the “Indian Higher Education Knowledge Delegation to USA” highly successful and beneficial.</td>
<td>By Dr. Dileep N. Malkhede, Advisor (AICTE), and Dr. Rajeev Kumar, Advisor (AICTE), at New York during Indian Higher Education Knowledge Delegation to USA</td>
</tr>
</tbody>
</table>
Felicitation Award
In recognition of the services to the Society at Large in different sector including the Academic Sector.

Honorary Appreciation cum Felicitation Ceremony 2017 ( By G R Foundation )
Supported By – CSI Division IV, COEP Pune, Singhad Group of Institutions, Pune in concurrent with
Inaugural Function of Second International Conference on Smart Trends for Information Technology and Computer Communications
SMARTCOM 2017 (18-19 Aug 2017) at Hotel Four Points By Sheraton, 5th Mile Stone, Nagar Road, Pune

18th Aug, 2017
Pune

Certificate of Appreciation
For Immense Support and contribution towards making the “Indian Higher Education Knowledge Delegation to UK” highly successful and beneficial.
By Prof Anil D. Sahasrabudhe, chairman, AICTE (India), At Hotel Holiday Inn Excel Limehouse, London (UK) during Indian Higher Education Knowledge Delegation to UK
16th July, 2017
London

Award of Appreciation
For distinguished Contribution in the field of education and for nurturing young talent
Principal & Teachers Meet 2017 at Hotel Royal Orchid, Jaipur organized by Institute of Company secretaries of India (ICSI) Jaipur Chapter. By Sh. Ashok Lahoti, Mayor, Nagar Nigam Jaipur & Prof ShyamAgarwal, President, ICSI, Jaipur
7th May, 2017
Jaipur

The Award of Appreciation 2017
For being active academician and innovative researcher.
15th Feb, 2017
London

The Significant Contribution Award 2016
For Contribution In CSI Jaipur Chapter As Chapter Chairman and organizing many events under CSI in Rajasthan
CSI Service Awards at at the CSI Annual Convention 2016, 23rd, 24th & 25th January, 2017 at Le Meridian, Coimbatore
25th Jan, 2017
Coimbatore

Active Participation Youth Award 2016
For Active Participation in CSI Events and activities in India
CSI Service Awards at at the CSI Annual Convention 2016, 23rd, 24th & 25th January, 2017 at Le Meridian, Coimbatore
25th Jan, 2017
Coimbatore

Award of Prominent Academician in ICT Excellence 2016
For being prominent academician and active researcher.
In the Inaugural Function of ICICT 2016 in concurrent with ICT EXCELLENCE AWARDS CEREMONY 2016. by ACM at Bangkok, Thailand
12th Dec, 2016
Bangkok

Award of Appreciation
For distinguished Contribution in the field of education and for nurturing young talent
Principal & Teachers Meet 2016 at Hotel Holiday Inn, Jaipur organized by Institute of Company Secretaries of India (ICSI) Jaipur Chapter. By Prof ShyamAgarwal, Vice President, ICSI, Jaipur
4th Dec, 2016
Jaipur

ShikshaBhushan Award 2009
for the initiation of HELP (Holistic Education Learning Process) in which a four pillar model was prepared (Academic Skills, Soft Skills, Industry & Social Exposure, and Problem Solving Attitude) for providing industry specific placement oriented education to the technical students
By the then Governor of Gujarat Sh. Nawal Kishore Sharma at ShikshakSammanSamaroh, Aakash deep College, Jaipur
5th April, 2009
Jaipur

Highest Qualification:

<table>
<thead>
<tr>
<th>Course</th>
<th>University</th>
<th>Institution</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D. (Computer Science)</td>
<td>University of Rajasthan, Jaipur</td>
<td>Institute of Informatics and Instrumentation (I II), University Campus, UoR, Jaipur</td>
<td>27/02/2009 (Submitted in 2007)</td>
</tr>
</tbody>
</table>

Professional Qualifications:

<table>
<thead>
<tr>
<th>Course</th>
<th>University</th>
<th>Institution</th>
<th>Year</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>10th</td>
<td>RBSE, Ajmer</td>
<td>DPS, Jaipur</td>
<td>1993</td>
<td>75.27%</td>
</tr>
<tr>
<td>10+2 (Science)</td>
<td>RBSE, Ajmer</td>
<td>Govt. P. Sr. Sc. School, Jaipur</td>
<td>1995</td>
<td>62.92%</td>
</tr>
<tr>
<td>B.Sc.</td>
<td>University of Rajasthan, Jaipur</td>
<td>University Maharaja’s College, Jaipur</td>
<td>1998</td>
<td>69.85%</td>
</tr>
<tr>
<td>M.C.A.</td>
<td>University of Rajasthan, Jaipur</td>
<td>Institute of Instrumentation and Informatics (I II), UOR Campus, Jaipur</td>
<td>2001</td>
<td>78.20%</td>
</tr>
</tbody>
</table>
### Teaching Experience: Eighteen (20) Years (BTech, MTech, MCA)

<table>
<thead>
<tr>
<th>Designation</th>
<th>Organization</th>
<th>Affiliating University</th>
<th>Duration</th>
<th>Total Years</th>
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</thead>
<tbody>
<tr>
<td>Professor (CS&amp;IT) &amp; Director-International</td>
<td>IIS (deemed to be) University, Jaipur</td>
<td>IIS (deemed to be) University, Jaipur</td>
<td>1st April, 2019 to till Date</td>
<td>3</td>
</tr>
<tr>
<td>Professor-CSE</td>
<td>Jaipur Engineering College &amp; Research Center, Jaipur</td>
<td>RTU, Kota</td>
<td>17th Aug, 2016 to 31st Mar, 2019</td>
<td>2.5</td>
</tr>
<tr>
<td>Principal</td>
<td>Pinkcity Engineering College &amp; Research Center, Jaipur</td>
<td>RTU, Kota</td>
<td>1st Dec, 2014 to 16th Aug, 2016</td>
<td>1.8</td>
</tr>
<tr>
<td>Professor (CSE) Principal</td>
<td>Rajasthan College of Engineering for Women (RCEW), Jaipur</td>
<td>Rajasthan Technical University, Kota</td>
<td>16th Aug, 2009 to 8th Jan, 2014</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Rajasthan Institute of Engineering &amp; Technology, Chittorgarh</td>
<td>Rajasthan Technical University, Kota</td>
<td>9th Jan, 2014 to 30th Nov, 2014</td>
<td>=5.5</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>International Institute of Informatics &amp; Management, Mansarovar, Jaipur</td>
<td>Rajasthan Technical University, Kota</td>
<td>21 Aug, 2006 to 15th Aug, 2009</td>
<td>3</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Maharishi Arvind Institute of Science &amp; Management, Jaipur</td>
<td>University of Rajasthan, Jaipur</td>
<td>05 Sept, 2005 to 20 Aug, 2006</td>
<td>1</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>Apex Institute of Management &amp; Science, Jaipur</td>
<td>University of Rajasthan, Jaipur</td>
<td>01 July 2003 to 30 Aug 2005</td>
<td>2.1</td>
</tr>
<tr>
<td>Faculty cum Programmer</td>
<td>RajCOMP, C-Scheme, Jaipur</td>
<td>University of Rajasthan, Jaipur</td>
<td>01 July 2001 to 31st Mar 2003</td>
<td>1.9</td>
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### Patents (Published/Granted): 03

<table>
<thead>
<tr>
<th>SNo</th>
<th>Patent ID</th>
<th>Name of Patent</th>
<th>Date of Submission</th>
<th>Date of Publication</th>
<th>Request for Examination</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>201621003252</td>
<td>Safe Mode Login Transaction (SMLT) For Forced Online Banking Intrusion Activity (FOBIA)</td>
<td>29.01.2016</td>
<td>02.12.2016 (Published)</td>
<td>26.12.2017 Application Awaiting Examination</td>
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<tr>
<td>2</td>
<td>201611010886</td>
<td>A Method To Secure Online Transaction</td>
<td>29.03.2016</td>
<td>12.01.2018 (Published)</td>
<td>23.06.2018 Application Awaiting Examination</td>
</tr>
<tr>
<td>3</td>
<td>2020101466</td>
<td>Block Chain Technology Based IoT Consensus Protocol For Smart Home</td>
<td>24.07.2020</td>
<td>12.08.2020 (Granted)</td>
<td>Patent Granted</td>
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### PhD Scholars Supervised by Dr. Vijay Singh Rathore: 19

<table>
<thead>
<tr>
<th>SNo</th>
<th>Name of PhD Scholar (Subject in which PhD Degree was Awarded)</th>
<th>Research Topic</th>
<th>Year</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mrs. Archana Bhatnagar (Computer Science)</td>
<td>“Study and Analysis of the Software Engineering Process Models to obtain a Generalized Model”</td>
<td>2012</td>
<td>Suresh GyanVihar University, Japiur</td>
</tr>
<tr>
<td>2</td>
<td>Mr. Avinash Sharma (Computer ScEngg)</td>
<td>“Study and Analysis of various e-Learning Mechanisms for supporting Innovative Online Training and design of a Generalized e-Learning system”</td>
<td>2012</td>
<td>Suresh GyanVihar University, Japiur</td>
</tr>
<tr>
<td>SNo</td>
<td>Name of PhD Scholar</td>
<td>Research Area/Topic</td>
<td>Year of admission</td>
<td>University</td>
</tr>
<tr>
<td>-----</td>
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<td>---------------------</td>
<td>-------------------</td>
<td>------------</td>
</tr>
<tr>
<td>1</td>
<td>Ms. Aparajita Dixit</td>
<td>Course work going on (Computer App)</td>
<td>2015</td>
<td>Rajasthan Technical University, Kota</td>
</tr>
<tr>
<td>2</td>
<td>Ms. Pratiksha Kanwar</td>
<td>Course work going on (Computer App)</td>
<td>2018</td>
<td>Rajasthan Technical University, Kota</td>
</tr>
<tr>
<td>3</td>
<td>Ms. Ahimsa Vyas</td>
<td>Cloud Computing</td>
<td>2019</td>
<td>IIS (Deemed to be University) Jaipur</td>
</tr>
<tr>
<td>4</td>
<td>Mr. Ritul Bakshi</td>
<td>Cloud Computing</td>
<td>2019</td>
<td>IIS (Deemed to be University) Jaipur</td>
</tr>
<tr>
<td>5</td>
<td>Ms. Kamlesh Kumawat</td>
<td>Software Engineering</td>
<td>2019</td>
<td>IIS (Deemed to be University) Jaipur</td>
</tr>
<tr>
<td>6</td>
<td>Ms. Uma Joshi</td>
<td>Cloud and Fog Computing</td>
<td>2020</td>
<td>IIS (Deemed to be University) Jaipur</td>
</tr>
</tbody>
</table>

Current PhD Scholars under joint Supervision (PhD) of Dr. Vijay Singh Rathore: 09

- Ms. Aparajita Dixit
  - Research Area: Course work going on (Computer App)
  - Year of admission: 2015
  - University: Rajasthan Technical University, Kota
  - Co-Supervisor: Dr.D.P. Sharma (MAISM,Jaipur)

- Ms. Pratiksha Kanwar
  - Research Area: Course work going on (Computer App)
  - Year of admission: 2018
  - University: Rajasthan Technical University, Kota
  - Co-Supervisor: Dr. Monika Rathore (IIIM, Jaipur)

- Ms. Ahimsa Vyas
  - Research Area: Cloud Computing
  - Year of admission: 2019
  - University: IIS (Deemed to be University) Jaipur
  - Co-Supervisor: NA

- Mr. Ritul Bakshi
  - Research Area: Cloud Computing
  - Year of admission: 2019
  - University: IIS (Deemed to be University) Jaipur
  - Co-Supervisor: NA

- Ms. Kamlesh Kumawat
  - Research Area: Software Engineering
  - Year of admission: 2019
  - University: IIS (Deemed to be University) Jaipur
  - Co-Supervisor: NA

- Ms. Uma Joshi
  - Research Area: Cloud and Fog Computing
  - Year of admission: 2020
  - University: IIS (Deemed to be University) Jaipur
  - Co-Supervisor: NA
### Books Edited (Conference Proceedings):

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Book Title</th>
<th>ISBN No.</th>
<th>Publisher</th>
<th>Published in Year</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1st ed. 2021 edition, Pages 1188</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Springer, Singapore</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Advances in Intelligent Systems and Computing Series; Springer Singapore</td>
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### Books Written:

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<tr>
<th>S. No.</th>
<th>Book Title</th>
<th>ISBN No.</th>
<th>Publisher</th>
<th>Published in Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Data Communication &amp; Computer Networks</td>
<td>81-8198-188-X</td>
<td>University Book House, Jaipur</td>
<td>2007</td>
</tr>
<tr>
<td>S. No.</td>
<td>Title/Role</td>
<td>Level</td>
<td>Conference/ Seminar Details</td>
<td>Duration</td>
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<td>-------</td>
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<td>-----------------------------</td>
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</tr>
<tr>
<td>1</td>
<td>Session Chair at ICT4SD 2021</td>
<td>International</td>
<td>ICT4SD 2021, Goa</td>
<td>5th-6th Aug, 2021</td>
</tr>
<tr>
<td>2</td>
<td>Session Chair at World S4 2021</td>
<td>International</td>
<td>World S4 2021, London (UK) - Online</td>
<td>29th-30th July, 2021</td>
</tr>
<tr>
<td>3</td>
<td>Session Chair at ICTIS 2021</td>
<td>International</td>
<td>ICTIS 2021, Ahmedabad - Online</td>
<td>23rd-24th April, 2021</td>
</tr>
<tr>
<td>4</td>
<td>Session Chair at SmartCom 2021</td>
<td>International</td>
<td>SmartCom 2021, Las Vegas (USA) - Online</td>
<td>15th-16th April, 2021</td>
</tr>
<tr>
<td>5</td>
<td>Resource Person at FDP 2021</td>
<td>National</td>
<td>15 Days FDP on “Research Methodology and Teaching Pedagogy” by CRIT at IIS University, Jaipur - Online</td>
<td>16th-30th Mar, 2021</td>
</tr>
<tr>
<td>6</td>
<td>Session Chair at DoSCI 2021</td>
<td>International</td>
<td>DoSCI 2021, Lucknow - Online</td>
<td>6th March, 2021</td>
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<tr>
<td>7</td>
<td>Session Chair at ICICT 2021</td>
<td>International</td>
<td>ICICT 2021, London (UK) - Online</td>
<td>25th-26th Feb, 2021</td>
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<tr>
<td>8</td>
<td>Session Chair at ICTCS 2020</td>
<td>International</td>
<td>ICTCS 2020, Jaipur - Online</td>
<td>11th-12th Dec, 2020</td>
</tr>
<tr>
<td>10</td>
<td>Session Chair at ICATCT 2020</td>
<td>International</td>
<td>ICATCT 2020, JECRC, Jaipur - Online</td>
<td>27th-28th Aug, 2020</td>
</tr>
<tr>
<td>12</td>
<td>Session Chair at ICT4SD 2020</td>
<td>International (within Country)</td>
<td>ICT4SD 2020, Goa - Online</td>
<td>23rd-24th July, 2020</td>
</tr>
<tr>
<td>13</td>
<td>Session Chair at ICTIS 2020</td>
<td>International (within Country)</td>
<td>ICTIS 2020, Ahmedabad - Online</td>
<td>15th-16th May, 2020</td>
</tr>
<tr>
<td>14</td>
<td>Invited Speaker at ICICT 2020</td>
<td>International (Abroad)</td>
<td>ICICT 2020, Brunel University, London</td>
<td>20th-21st Feb, 2020</td>
</tr>
<tr>
<td>15</td>
<td>Invited Speaker at SmartCom 2020</td>
<td>International (Abroad)</td>
<td>SmartCom 2020, Bangkok (Thailand)</td>
<td>24th-25th Jan, 2020</td>
</tr>
<tr>
<td>16</td>
<td>Keynote Speaker at ICICT 2019</td>
<td>National</td>
<td>AICTC 2019, Bikaner (India)</td>
<td>Nov, 2019</td>
</tr>
<tr>
<td>17</td>
<td>Advisor at NCICT</td>
<td>National</td>
<td>NCICT 2019, Jaipur</td>
<td>March, 2019</td>
</tr>
<tr>
<td>18</td>
<td>Session Chair at ICDLAIR-2019</td>
<td>International (within Country)</td>
<td>ICDLAIR-2019, Jaipur</td>
<td>Dec, 2019</td>
</tr>
<tr>
<td>19</td>
<td>Session Chair at ICTCS-2019</td>
<td>International (within Country)</td>
<td>ICTCS-2019, Udaipur</td>
<td>13th-14th Dec, 2019</td>
</tr>
<tr>
<td>20</td>
<td>Session Chair at SmartCom 2019</td>
<td>International (Abroad)</td>
<td>SmartCom 2019, Bangkok (Thailand)</td>
<td>Jan, 2019</td>
</tr>
<tr>
<td>21</td>
<td>Chaired a Technical Session at ICICT 2018</td>
<td>International (Abroad)</td>
<td>ICICT 2018, London (UK)</td>
<td>Feb, 2018</td>
</tr>
<tr>
<td>22</td>
<td>PC Chair &amp; Convenor at ICETEAS 2020</td>
<td>International (within Country)</td>
<td>ICETEAS 2020, Jaipur</td>
<td>Feb, 2018</td>
</tr>
</tbody>
</table>
23 Session Chair at ICICC-2018 International (within Country) ICICC-2018, New Delhi May, 2018
24 Session Chair at IC3-2018 International (within Country) IC3-2018, Sikkim (India) March, 2018
25 Session Chair at WS4-2017 International (Abroad) WS4-2017, London, UK Feb, 2017
30 Session Chair at IC-RAC-2017 International (within Country) IC-RAC-2017, Bhopal May, 2017
33 Session Chair at SIN-17 International (within Country) SIN-17, Jaipur Oct, 2017
34 Plenary Talk at ICEMS-2016 International (within Country) ICEMS-2016, Jaipur March, 2016
37 Session Chair at ICICT-2016 International (Abroad) ICICT-2016, Bangkok (Thailand) Dec, 2016

FDP/Workshop Attended

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Title/Role</th>
<th>Level</th>
<th>FDP/Workshop Details</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1</td>
<td>Participant</td>
<td>International</td>
<td>Online Training Seminar on “Strategic Line 1: Internationalisation of Curriculum, Why and What for?” under Tuning RISHII Project by University of Deusto, Spain</td>
<td>28th May, 2021</td>
</tr>
<tr>
<td>2</td>
<td>Participant</td>
<td>National</td>
<td>6 Days Online Live FDP on “Android Development with Kotlin” by ICT Academy</td>
<td>22nd-27th Mar, 2021</td>
</tr>
<tr>
<td>3</td>
<td>Participant</td>
<td>National</td>
<td>21 Day workshop on “Post Covid Care with Yoga” by IIS University, Jaipur</td>
<td>01st-20th Feb, 2021</td>
</tr>
<tr>
<td>4</td>
<td>Participant</td>
<td>International</td>
<td>International Webinar on “Scientific Writing” by ACT, Mumbai &amp; IIS University, Jaipur</td>
<td>27th-28th Nov, 2020</td>
</tr>
<tr>
<td>5</td>
<td>Participant</td>
<td>National</td>
<td>Webinar on “Campus to Corporate: Managing the Expectations” by ICFAI University, Jaipur</td>
<td>27th June, 2020</td>
</tr>
</tbody>
</table>
Statement of Intent

Prof. (Dr.) Vijay Singh Rathore  
PhD (Computer Science), MCA, MTech(CS), MBA, ICAD-USA, ICDA-USA, Diplomas in French & German

I, Dr. Vijay Singh Rathore, have filled my nomination for the post of **Divisional Chairperson (Division 4) – Communications (Even Year) (For the Term 2022-31/3/2024)**

- Presently working as Professor, Department of CS & IT, IIS (deemed to be) University, Jaipur (India), and Secretary, ACM Chapter Jaipur. Having got a satisfactory teaching and research experience of more than 20 years in the field of Computer Science, almost 90 research Papers in reputed journals, Supervised 18 PhDs Scholars, Published 2 Patents for Secure Transaction while Forced Transactions on Online Banking or ATM Withdrawal, written 12 books on different subject in Computer Science, member of the BoS and other academic committees of some reputed universities, and a valuable worldwide network of students, I have contributed best of my time towards providing a better quality technical education in urban as well as rural areas of Rajasthan and national level as well.
- I am handling international affairs of The IIS University, Jaipur. My basic research areas are internet security, cloud computing, Big Data, and IoT. I have organized and participated some national & international conferences of repute.
- My foreign visits for various academic activities (Delegate/Invited/Keynote Speaker/Session Chair/Guest) include USA, UK, Canada, France, Netherlands, Singapore, Thailand, Vietnam, Nepal etc. He has recently participated as a member of Indian Higher Education Delegation to Canada (May, 2019) and UK (July, 2017) in the leadership of Prof Anil D. Sahasrabudhe, Chairman, AICTE, and another delegation to USA (Aug, 2018) along with AICTE Advisors Dr Dileep Malkhede and Dr Rajive Kumar (Both delegations mounted by GR foundation). The key International Conferences organized by me includes IC ICT 2018 at Brunel University, London in Collaboration with GR foundation, ICE-TEAS 2018 at J ECR C, Jaipur in association with Springer. I have chaired the SMARTCOM 2019 at Bangkok, World Conference WS4 2017 at London, UK, International Conference INDIA 2017 at Duy Tan University, Da Nang, Vietnam, IC ICT 2016 at Bangkok, Thailand. Dr Rathore has Led the delegation (2016) to University of Amsterdam, Netherlands, the delegation (2018) to Nanyang Technological University, Singapore for discussions on academic and research collaborations.
- I have also led the team who has struggled to revise the AICTE Norms for Engineering Faculty Eligibility Criteria, where in, he was the core member of the team who made various representations to AICTE and MHRD for re permitting MSc/MCA with MTech/PhD qualification holder to be eligible to be become Faculty in Engineering and ultimately AICTE agreed to allow and the Notification regarding the same was published in the Gazette of India in July, 2016.
- For my significant contribution towards quality technical education I have been given “Award of Appreciation 2019” at Bangkok, “Certificate of Appreciation” at New York in 2018, “The Award of Appreciation 2017” at WS4, London, UK. I have also received “The Significant Contribution Award 2016” and “Active Participation Youth Award 2016” under CSI Service Awards at Coimbatore, and also received “Award of Prominent Academician in ICT Excellence 2016” by ACM at Bangkok, Thailand. Earlier I was awarded “Shiksha Bhushan Award 2009” by the then Governor of Gujarat Sh. Nawal Kishore Sharma for the initiation of HELP (Holistic Education Learning Process) in which a four pillar model was prepared (Academic Skills, Soft Skills, Industry & Social Exposure, and Problem Solving Attitude) for providing industry specific placement oriented education to the technical students.
- As a CSI Fellow, and being Vice Chairman, and then Chairman of CSI Jaipur Chapter, I have given my satisfactory contribution in awakening and uplift the operations of CSI Jaipur Chapter, wherein many activities have been organised in last 3 years during my tenure as compared to the past times. I keenly attended and still participating in most of the CSI events at national level besides those in Rajasthan as a regular fellow.
- I have a good network of Computer Science fellows in academia as well as industry that motivates me to find new ideas and better approaches to be innovated for the goodness of the society with the help of ICT applications.

I can assure that under the national banner of CSI, I will do my best to ensure proper management of things under **Divisional Chairperson (Division 4) – Communications (Even Year) (For the Term 2022-**
31/3/2024) in CSI Execom 2022-2024 and will definitely uplift its current operations in a dedicated team work environment.

I do assure to give my appropriate time and dedicated involvement by attending all important meetings, events, operations, being an honest part of organising and implementing committees, and will contribute sincerely to establish new standards under the CSI umbrella.

Therefore, I feel myself a genuine deserving candidate to be elected as Divisional Chairperson (Division 4) – Communications (Even Year) (For the Term 2022-31/3/2024)

Jai Hind ...
Thanking you,
Yours sincerely,

Signature of Nominee. Date: 6th June, 2022 Place: Jaipur
Dr. Vijay Singh Rathore
**BIO-DATA**

1. Name : Ms. Mini Ulanat
2. CSI Membership No. : 10007758.
3. CSI Membership since : 1997
4. E-mail address : mini.ulanat@gmail.com
5. Date of Birth (Age) : 31-05-1967 (55)
6. Postal Address : 3F, Ramalayam-II, Chittoor Road, Kochi – 682011.
7. Phone/ Mobile/ Fax Nos. : 09847289382
8. Educational Qualifications : Ph.D (Computer Science)
9. Contribution to the IT profession:

**Professional Experience:**

*Cochin University of Science and Technology, Cochin :*

*May 1995 – Continuing*  
**Systems Manager:**  
Responsible for University Academic Information system.

Deputation to Academics

*Feb 2009 – April 2012*  
**Lecturer, Dept. Of Computer Science:**  
Teaching for M.Tech programme in the Post Graduate Dept. Offering three Master in Technology Programmes.
**Sep 2005 – Sep 2007**

**Professor, Rajagiri College of Social Sciences**
Technical Head, Dept of Computer Science offering Masters Course in Computer Applications

**Other Significant Professional Contributions:**

i. **Member–Governing Council** Kerala State IT Mission, Govt of Kerala (2022)

ii. **Technical Committee Member**– The Kerala State Civil Supplies Corporation, Govt of Kerala

iii. **Cyber Security Evangelist** – Has Conducted multiple sessions for Students, Women and Children and Public


v. **Member, IT@colleges Committee**, Kerala State Higher Education Council

vi. **Technical Expert** – Advisory Committee, Centre for Development Studies (CDS), Trivandrum for Campus Automation (www.cds.ac.in)

vii. **Technical Project Lead**, Computerization of Examination activities - automation of activities in ERP5 open source frame work


ix. **Subject Expert**, Inspection Commission for sanctioning M.Tech Courses under Mahatma Gandhi University

x. **Technical Nodal Officer**, Cochin University for the implementation of high speed information network project National Knowledge Network (www.nkn.in) (since 2011)

xi. **Nodal Officer**, Cochin University for the implementation of NAD (National Academic Depository)

xii. **Co-Principal Investigator** of the e-Governance Project, EGP@CUSAT, under the scheme Skill Upgradation, Government of Kerala

xiii. **External Technical Expert**: Technical Monitoring Committee Sree Sankara University, Kalady

xiv. **Member Committee** for implementation of Computerization of examination work in Universities by Govt. Of Kerala

xv. **Member** Digital Library Research Laboratory (DLRL) group Virginia Tech, USA

xvi. **Convenor**, Complaints Committee for the redressal of grievances related to sexual harassment and Gender Justice, Cochin University (2010-19)

xvii. Has been a **Trainer of Trainers and Resource Person** for Computer Science –

   a. Naval Physical Oceanographic Laboratories (NPOL), Kochi, for Continuing Education Programme

   b. Summer School for Indian Society for Technical Education (ISTE) at Annamali University, IIT Chennai, CUSAT

   c. Training programme of Inflibnet, University Grants Commission

   d. Refresher Course for University/college teachers in CUSAT, M.G., Kerala, Bharathidasan Universities
e. CBSE Teachers Training Programme in Informatics Practice, Computer Science
f. Institute of Management in Government (IMG)
g. Department of Technical Education (DTE)
h. National Institute for Technical Teacher’s Training and Research (NITTR)
i. Short term training in various Govt. Engineering Colleges under TEQUIP

10. Contribution made to CSI:

I. Served as National Student Coordinator for two terms (2013-15)
II. Founder Member of SIG Indic Language Computing.
III. Jury Member CSI Nihilent e-governance award
IV. Conceived, implemented and sustaining CSI Digital Repository (csidl.org) as Convener, Working Group, CSIDL(2012)
V. Guest Editor of CSI Communication April 2010 theme- Social Computing
VI. Served as Regional Student Co-ordinator Region -I(2008-11)
VII. Served as MC member, Secretary, Vice chairman, Chairman of Cochin Chapter (2005-06)
VIII. Served as Regional student Co-ordinator South (2004-05)
IX. Has successfully organized many conferences, taking lead roles in organizing and coordination. Contributed significantly in organizing CSI national events, divisional events such as Business and Industry Group (BIG), National conference on Software Engineering - NCSoft (2007, 2008, & 2010, 2013), National Conference on Education & Research - ConfER (2008, 2009), NCCSE, IT@FISH, Web Intelligence as Organising Committee (OC) Chair & Web Technologies (PC Chair). Organized two National Student Conventions (NSC-09 at Coimbatore, NSC-10 at Trivandrum) of Computer Society of India as Organizing Chair. Has been the Organising Chair of two International Conference TenSymp 2017 and TenCon 2019.

11. Experience - relevant to the position nominated for:

i. Has been associating in the Higher Education Administration for the last three decades.
ii. Moderator, speaker, sessions chair and panelist for numerous career development forums, national and international conferences
iii. Chair – IEEE Kerala Section (Largest section in IEEE)
iv. Voting Member of IEEE Computer Society MGA Board (2023)

12. Honours/ Professional Recognition:

a) Best Volunteer Award – IEEE Kerala Section – 2020
b) CSI Chapter Patron award – 2011
c) Outstanding Women in Engineering Volunteer Award – IEEE Kerala Section – 2015
d) **MGA Achievement Award** Team member e-Scientia– 2015

e) **Chevening TCS Cyber Security Fellowship** at *Cranfield University, Defence Academy of United Kingdom* (Feb 2015- May 2015)

f) **Fulbright Fellowship** in Information Science and Technology, USA (2003 – 2004) at *Virginia State University and Polytechnic, Blacksburg, USA*

g) **Information Resource Management Training**, *TuDelft, The Netherlands*

h) **CICC Scholarship**, Japan (1998): Training programme in NETWORK/INTERNET SYSTEM DEVELOPMENT at the Center of the International Co-operation for Computerization at Tokyo

**13. Other Relevant Information:**

a) Chair, IEEE Kerala Section (2022)  
b) Voting Member – MGA Board of Governors, IEEE Computer Society (2022)  
c) Vice- Chair, Internet Society (2020-22), ISOC-TRV  
d) Vice Chair, ACM Kochi chapter (2019-22)

A strong advocate for women in STEM, and a staunch initiator of engineering activities for girls.

**Signature of Nominee**

Date : 06/06/2022
Nomination for the Post: Chairperson (Division 5) – Education and Research

MINI U   CSI Membership No : 10007758.

Statement of Intent:

I am associated with CSI for over 2 1/2 decades, both at the chapter level and at the National level as member volunteer, and has supported the technical enhancement as well as improving outreach and visibility of CSI’s programmes. I have personally contributed to the streamlining of governance of Student branches and creation and preservation of our digital assets of CSI during my association.

If elected, I shall endeavour to:

a. Host Divisional activities in all regions
b. Promote and enhance the quality of conferences
c. Support functioning of the CSI education directorate
d. Promote Industry–Academia linkage initiating new programs suiting industry requirements
e. Host collaborative events with sister societies
f. Increase society membership through the events and social outreach activities.

MINI U

06/06/22
BIO DATA (format)

POST FOR WHICH NOMINATED: DIVISIONAL CHAIRPERSON 5 (EDUCATION AND RESEARCH)

1. Name: Dr. NALINI N
2. CSI Membership No.: N1210155
3. Membership Type: Institutional
4. CSI Membership since: 2010
5. E-mail address: Nalini.n@nmit.ac.in
6. Date of Birth (Age): 15-07-1973
7. Postal Address: Dr. NALINI N
   Professor (CSE) and Dean (Students’ Welfare)
   Nitte Meenakshi Institute of Technology,
   Govindapura, Gollahalli, Yelahanka, Bangalore-560 064
8. Phone/ Mobile/ Fax Nos.: +91-8722455452
9. Educational Qualifications: Ph.D
10. Publications – relevant to the office being nominated for: ANNEXURE-1
11. Contribution to the IT profession: ANNEXURE-1
12. Contribution made to CSI: ANNEXURE-2
13. Experience - relevant to the position nominated for: Worked as a Member, Vice-Chairperson and Chairperson of the Vibrant Bangalore CSI Chapter since 2018-19, 2019-20, 2020-21
14. Honours/ Professional Recognition: ANNEXURE-1
15. Other Relevant Information: ANNEXURE-1
16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years:
   a. Positions held: Member, Vice-Chairperson and Chairperson of the Vibrant Bangalore CSI Chapter since 2018-19, 2019-20, 2020-21
   b. Statements of Intent submitted for the above positions:
      I have always been striving for the betterment of the students in the field of IT education, which I have been doing from past 20 years, I have been contributing to the research in the field of computer science engineering by publishing more than 70 papers in various International Journals/Conference Proceedings. I would like to expand my horizon by being part of CSI to contribute more to the society. I have actively involved myself with CSI and also part of the international Conference –CONSEG 2018 as one of the Event Chair. Given more opportunity, I can contribute in my known domains for the IT areas for the society through CSI.
      c. Results achieved/ action taken: ANNEXURE-2

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee: ____________________________
Date: 02-06-2022

Dr. NALINI N
PROFESSOR (CSE) and DEAN: STUDENTS’ WELFARE
Nitte Meenakshi Institute of Technology
Bengaluru-560 064
**Give information in brief (last 3 year) - Use additional sheet if required**

Additional Brief Information

- Dr. N. Nalini is a Professor (CSE) and Dean-Students' Welfare at Nitte Meenakshi Institute of Technology, Bangalore. She received her MS from BITS, Pilani in 1999 and PhD from Visvesvaraya Technological University in 2007. She has more than 26 years of teaching and 19 years of research experience. She has numerous international journal and conference publications, Book and Book Chapters and Patents to her credit and received “Bharath Jyoti Award” by India International Friendship Society, New Delhi on 2012, from Dr. Bhishma Narain Singh, former Governor of Tamilnadu and Assam. She received the “Dr. Abdul Kalam Life Time Achievement National Award “for excellence in Teaching, Research Publications, and Administration by International Institute for Social and Economic Reforms, IISER, Bangalore on 29th Dec 2014. She is also the recipient of “Distinguished Professor” award by TechNext India 2017 in association with Computer Society of India-CSI, Mumbai Chapter and “Best Professor in Computer Science & Engineering “award by 26th Business School Affaire Dewang Mehta National Education Awards (Regional Round) on 5th September 2018, at Bangalore. She is a lifetime member of the ISTE, CSI, ACEEE and IIFS. Elected Unanimously as Vice Chairman cum Chairman Elect-Computer Society of India-Bangalore Chapter for the Years (2019-2021). PROGRAM CHAIR- International Conference on Emerging Research in Computing, Information, Communication and Applications ERCICA-2013, 2014, 2015, 2016, 2018, 2020,2022 NMIT, Bangalore, proceedings of the conference were published by SPRINGER's AISC, and LNNE Series. She has served as Technical Committee member and reviewer in various international conferences and has delivered technical talks at various Institutions. She received “Dr. A.P.J. Abdul Kalam Teacher's Excellence Award 2020 “by Shikshak Kalyaan Foundation, Supported by AICTE, New Delhi. She is also the Faculty Advisor for Cultural Activities at her Institution from many years. She has organized various events under SPICMACAY at the Institution. She is one of the faculty advisor/organizers of Annual National Level Techno-Cultural Fest of NMIT called ANAADYANTA. She is the faculty coordinator for CRYPTEC Branch Association of Computer Science and Engineering Department of NMIT and an Bi-annual magazine called ARETHA is released under her guidance every year. She is also the faculty advisor of KANNADA Association of NMIT called CHIGURU under which various activities are conducted mainly related to Environmental issues like “NAMMA NELA NAMMA JALA meaning OUR EARTH OUR WATER. She is also the active member of NSS unit. She also oversees the activities of various cultural clubs of NMIT namely MUSIC Club, Literary Forum, Theatre Club, Dance Club, Photography Club, Chiguru, Fashion Club and sees they participate in various events in other Institutions like IIT Bombay, IIT Madras, BITS Goa etc. Recently her name featured in AD scientific Index 2022 ranking. She is also the Chairperson of the Internal Complaint Committee (CICC) which addresses Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in Higher Education Institutions of NMIT under Visvesvaraya Technological University.

**Nalini N**

PROFESSOR (ISE) and DEAN STUDENTS’ WELFARE

Nitte Meenakshi Institute of Technology
Bengaluru-560 064
• Dr. N. Nalini is a Professor (CSE) and Dean-Students' Welfare at Nitte Meenakshi Institute of Technology, Bangalore. She received her MS from BITS, Pilani in 1999 and PhD from Visvesvaraya Technological University in 2007. She has more than 26 years of teaching and 19 years of research experience. She has numerous international journal and conference publications, Book and Book Chapters and Patents to her credit and received “Bharath Jyoti Award” by India International Friendship Society, New Delhi on 2012, from Dr. Bhishma Narain Singh, former Governor of Tamilnadu and Assam. She received the “Dr. Abdul Kalam Life Time Achievement National Award “for excellence in Teaching, Research Publications, and Administration by International Institute for Social and Economic Reforms, IISER, Bangalore on 29th Dec 2014. She is also the recipient of “Distinguished Professor” award by TechNext India 2017 in association with Computer Society of India-CSI, Mumbai Chapter and “Best Professor in Computer Science & Engineering “award by 26th Business School Affaire Dewang Mehta National Education Awards (Regional Round) on 5 th September 2018, at Bangalore She is a lifetime member of the ISTE, CSI, ACEEE and IIFS. Elected Unanimously as Vice Chairman cum Chairman Elect-Computer Society of India-Bangalore Chapter for the Years (2019-2021). PROGRAM CHAIR-International Conference on Emerging Research in Computing, Information, Communication and Applications-ERCICA-2013, 2014, 2015, 2016, 2018, 2020,2022 NMIT, Bangalore, proceedings of the conference were published by SPRINGER's AISC, and LNEE Series. She has served as Technical Committee member and reviewer in various international conferences and has delivered technical talks at various Institutions. She received “Dr.A.P.J.Abdul Kalam Teacher's Excellence Award 2020 “ by Shikshak Kalyaan Foundation, Supported by AICTE, New Delhi. She is also the Faculty Advisor for Cultural Activities at her Institution from many years. She has organized various events under SPICMACAY at the Institution. She is one of the faculty advisor/organizers of Annual National Level Techno-Cultural Fest of NMIT called ANAADYANTA. She is the faculty coordinator for CRYPTTEC Branch Association of Computer Science and Engineering Department of NMIT and an Bi-annual magazine called ARETHA is released
under her guidance every year. She is also the faculty advisor of KANNADA Association of NMIT called CHIGURU under which various activities are conducted mainly related to Environmental issues like “NAMMA NELA NAMMA JALA” meaning OUR EARTH OUR WATER. She is also the active member of NSS unit. She also oversees the activities of various cultural clubs of NMIT namely MUSIC Club, Literary Forum, Theatre Club, Dance Club, Photography Club, Chiguru, Fashion Club and sees they participate in various events in other Institutions like IIT Bombay, IIT Madras, BITS Goa etc., Recently her name featured in AD scientific Index 2022 ranking. She is also the Chairperson of the Internal Complaint Committee (CICC) which addresses Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in Higher Education Institutions of NMIT under Visvesvaraya Technological University.
Letter of Intent

I, Dr. Nalini.N, working as Professor (CSE) and Dean-Students' Welfare, at Nitte Meenakshi Institute of Technology, Yelahanka, Bangalore, have always been striving for the betterment of the students in the field of IT education from last 26 years. I have been contributing to the research in the field of computer science and engineering by guiding more than 15 students for their PhD out of which 8 have already received their PhD. I have published more than 100 papers in reputed journals and conferences. Published books and book chapters and patents in the IT Field. I have organized as one of the Program Chair, a very reputed International Conference called ERCICA – "Emerging Research in Computing, Information, Communication and Applications" seventh time starting from the year 2013, whose proceedings were published by SPRINGER in AISC and LNEE Series.

I have been the member of management committee of CSI-BC in the year 2018-19, Vice-Chairperson and Chairperson in the year 2019-2021. During that time, I have contributed extensively towards CSI by organizing various events and workshops, a FLAGSHIP event being IT in Defense-ITD Conference which was very successful. Also, I arranged a Technical Talk on the topic “Artificial Intelligence in Cloud Computing and Internet-of-Things” by Prof. Vincenzo Piuri, Universita Degli Studi Di Milano, Italy at CSI-BC via online mode to give international exposure to our CSI-BC.

I would like to expand my horizon to contribute more to CSI, by becoming the Divisional Chairperson for Division 5 (Education and Research). Given this opportunity, I will strive hard to contribute more to society through Computer Society of India.

As Divisional Chairperson for division 5 in Education and Research, since I work in the Engineering Institution, I am aware of the importance of Education and Research and will strive to organize International Conferences in the latest technologies of IT, help in brining awareness about importance of publishing papers/patents/copyrights/IPRs/getting funds to carryout research projects. Will try to liaise with various funding agencies to help students and faculty to showcase their skills and try to get funding and contribute to society.

Dr. NALINI.N 02/06/2022

Professor (CSE) & Dean-Students' Welfare

Nitte Meenakshi Institute of Technology, Yelahanka, Bangalore-560 064

Email: Nalini.n@nmit.ac.in

Mobile: +91-8722 455 452

Dr. NALINI.N 02/06/2022

PROFESSOR (CSE) and
DEAN- STUDENTS’ WELFARE
Nitte Meenakshi Institute of Technology
Bengaluru-560 064
STATEMENT OF INTENT

Date: 28-May 2022

From:
T. SABAPATHY
CSI Membership No-10015288
# 3$4, Curve Road, Tasker Town, Shivajinagar, ,
Bangalore - 560051
Mob-9972092940
tspathy@gmail.com & tspathy@wxt.global

To
The BHCNC,
CSI

Sub : CSI Elections 2022-2023/2024 Nomination for the Post: Division V Chair

I, T. Sabapathy here by give my intent to serve Computer Society of India) and will put by best efforts to contribute to CSI and IT professional community in following manner:

- Assist the chapters and branches in conducting meaningful tech events.
- Assist the student branches to grow and support them by bringing speakers from the industry connects
- Nurture every student branches
- Participate in Execom to develop and the brand of CSI
- Participate in brainstorming on how to recreate the magic of CSI

Thanking you.

Yours sincerely,

(T. Sabapathy)
Signature of Nominee
Date: 28-May 2022
POST FOR WHICH NOMINATED: DIVISION V

1. Name: T, SABAPATHY
2. CSI Membership No.: I0015288
3. Membership Type: Life/Annual/Institutional: Life
4. CSI Membership since: 2001
5. E-mail address: tspathy@gmail.com; tspathy@wxt.global
6. Date of Birth (Age): 19-7-1958 (63 years)
7. Postal Address: 3 & 4, Curve Road, Tasker Town, Shivajinagar, Bangalore - 560051
8. Phone/ Mobile/ Fax Nos.: +91.9927092940
9. Educational Qualifications: B.Sc., PGDMM, Exec MBA
10. Publications – relevant to the office being nominated for:

11. Contribution to the IT profession:

I have over 36 years of IT experience. Currently, I am Director of WXT Technologies Pvt. Ltd. and Director of Primetek Embedded Pvt. Ltd. Both are startups and I am co-founder of both the firms.

I was previously working Vice President Technology at Ninestars Information Technologies. Prior to that, I was with Cymfony as COO, which was a pioneer in Media Intelligence and Listening Platforms.

I have rich experience of 18+ years in Media Intelligence, NLP, AI/ML, Analytics, Content Management System and Digitization. Earlier to that, my experience included Banking, CBT, Transport Management, Lab Automation and Training.

I have been contributing to CSI Bangalore chapter since 1998 and have conducted various seminars and conferences both at local and national level. I have received significant contribution award, patron award, best student coordinator award and best chapter level newsletter award from CSI in the past. Recent contributions include two events conducted by CSIBC in 2021-22. I was the Event Chair of Healthcare event conducted by CSIBC in 2021 and the Program Chair for IT for Defence event conducted by CSIBC in 2022.
12. Contribution made to CSI:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of the position</th>
<th>Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000-2006</td>
<td>MC Member, Hon. Treasurer, Hon. Secretary, Vice Chair</td>
<td>Was part of several events and was also editor of Logon, newsletter of CSIBC. I was the publication chair for the 2002 annual convention. I was the Program Chair for ITD, YITPA, conducted several events.</td>
</tr>
</tbody>
</table>
| 2006-2007  | Chairman             | CSIBC had conducted 4 National conferences in just one year during my tenure as Chairman.  
- IT for Defence  
- BIG 2006  
- Web 2.0  
- Cyber Security  

Also conducted both regional and national YITPA  
Conducted Karnataka Student Convention  
Conducted 3 rural programs including science events in rural schools  
CSIBC was Awarded as best chapter for the year 2006-07 |
| 2007-2020  | Had several hats     | I have been donning the program chair for IT in Defence for about 10 times in the last 13 editions,  
I also was regional student coordinator and I was awarded best regional student coordinator for that period, W  
With IBM, I conducted several workshops in colleges across Karnataka.  
With Vmware, I have conducted several workshops in Karnataka and TN on cloud computing, ethical hacking and cyber security.  
I was Co-convener of Special Interest Group for Information Security at Computer Society of India (CSI).  
I have served in every post in CSIBC. I was chair NC for few times. I was also regional student coordinator once. I have been serving CSIBC continuously for about 22 years. |

13. Experience - relevant to the position nominated for:
Since I have been with CSI for over 2 decades, I have rich experience in coordinating with student branches as well connects with other chapters. I have helped other chapters in getting speakers in the past when requested. Though it was outside my region, since vmware requested to have one cloud workshop in TN, I conducted one cloud event in Chennai. I have given invited talks in Karnataka, TN and Andhra when requested.

14. Honours/ Professional Recognition:
In recognition of his contributions, CSI awarded me for  
- Significant Contributions (2009)  
- Patron Award (2011)  
- Best Student Coordinator (2012)

15 Other Relevant Information:  
- Life Member of CSI, BMA, AASI, KSFA; and member of PRCI  
- I was Adjunct Faculty for PG students at International School for Information Management, [ISiM], Mysore from 2007-2012.
• I was Member of Board of Studies at Reva University, Bangalore
• I am currently serving as Director and co-founder of two startups

16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: **Not applicable.**
   a. Positions held
   b. Statements of Intent submitted for the above positions
   c. Results achieved/ action taken

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
T. Sabapathy
Date: 28-May 2022

**Give information in brief.(last 3 year )
Part II

BIO DATA (format)

POST FOR WHICH NOMINATED: Division Chair of Div 5: Education and Research

1. Name: Dr Sasikumar M
2. CSI Membership No.: I1202409
3. Membership Type: Life
4. CSI Membership since: 2017 as Life Member
5. E-mail address: sasi@cdac.in
6. Date of Birth (Age): 31st July 1965
7. Postal Address: Gulmohar Cross Road 9, Juhu, Mumbai - 400049
8. Phone/ Mobile/ Fax Nos.: 9821165583
9. Educational Qualifications:
   - PhD in Comp Sc from BITS Pilani (2004)
   - MS in Comp Sc from IISc Bengaluru (1996)
   - BTech in Comp Sc from IIT Madras (1987)
10. Publications – relevant to the office being nominated for:
About 100 publications in national and international forum, most of them being in educational technology area. Some recent and salient ones given below.

1. **AI BASED TUTORING SYSTEM FOR ENGLISH PUNCTUATION: E-VAKYA.** Lakshmi Kurup, Meera Narvekar and Sasikumar M. INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND ENGINEERING SYSTEM DESIGN, Kanpur India, 2021.


3. **FATHOM: TEL environment to develop divergent and convergent thinking skills in software design.** Deepti Reddy, Sridhar Iyer, Sasikumar M. In Advanced Learning Technologies (ICALT), 2017 IEEE 17th International Conference on (pp. 414-418). IEEE.

4. **Web-based analytics framework for large scale competitive examinations.** Aisha Nair, Sagun Baijal and Sasikumar M. Eleltech-2017, Hyderabad.

5. **English Labs - An interactive environment to inculcate grammar skills in students.** Archana Sharma, Tushar Shirgave, Sagar M, and Sasikumar M. Eleltech-2017, Hyderabad.

6. **Intelligent tutoring system for voice conversion in English.** Deepika Vinchurkar and Sasikumar M. ICALT-2015, Taiwan.


11. **Contribution to the IT profession:**

Organised a number of international conferences in the area of AI and Educational Technology during the previous avatar of AI (1987-2010). Contributed significantly to the hosting of the prestigious IJCAI international conference in India. Editorial support to the Vivek quarterly, India’s only publication in AI.

Involved in design and development of a number of applications and products including expert system shell, resource scheduling systems, customs valuation system, generative testing, online examination, adaptive instruction, and so on. A number of publications also came out of this.

Guided a number of scholars in their Masters and PhD work – 7 students completed their PhD under my guidance.

Played an active role in training of IT professionals through NCST’s prestigious CCST, PGDST, APGDST and FPGDST courses as faculty and course coordinator. Also taught in many short term courses focused on IT professionals in current trends – neural networks, machine learning, learning management systems, data science, etc.
I have delivered a number of talks in various conferences and other events, at the invitation of the event organisers. Also participated in many faculty development programs.

Active member of Board of Studies and Advisory Board in a number of engineering colleges, contributing to syllabus framing and curriculum planning.

12. Contribution made to CSI:

Has interacted with CSI at various levels over the last 2-3 decades. Some specific involvement has been as Convenor for the special interest group in AI, and later for the group in e-learning. Unfortunately these groups did not take off seriously.

Extended help to CSI in organizing their national competence test in programming, using NCST's Parikshak system.

Was member of Mumbai chapter management committee for 2 years, and tried to initiate a number of programs. Thanks to the ongoing disturbance then, these did not take off.

13. Experience - relevant to the position nominated for:

Over 35 years working with NCST/CDAC Mumbai, a leading research institution in the area of IT, with focus on AI and educational technology. Currently Executive Director of Mumbai centre of CDAC driving its technological and research roadmap.

Adjunct professor at IIT Bombay, educational technology group (IDP-ET) for nearly 10 years: teaching courses, guiding students, etc.

Design and development of a number of tools/systems in the area of educational technology: instruction design, adaptive instruction, assessment technology, online examination, educational games, etc.

Close interaction with a number of engineering colleges as member, Board of Studies and member, Advisory Board.

14. Honours/ Professional Recognition: Nil

15 Other Relevant Information: As per Srl No. 13

16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: NO

a. Positions held: NOT APPLICABLE

b. Statements of Intent submitted for the above positions: NOT APPLICABLE

c. Results achieved/ action taken: NOT APPLICABLE
Statement of Intent

In a nation of 130 crore people, and often given the title of IT Superpower, there is need for a forum to link the vast range of stakeholders from various walks of life. NASSCOM does a great job linking the IT companies. The rest of the space is by and large vacant. At the same time, there are a number of concerns for this heterogenous group. Proper guidance for choice of solutions for their problems, understanding the nuances of security in the increasingly digital world, the pros and cons of technological options, and so on bothers the millions. Add to this the vast academic who need to look at training and equipping the future professionals. This is where, I see CSI to be standing tall.

Coming to my focus area of education and research, there are a few facets requiring attention. Education of tomorrow’s professionals through effective teaching interventions is a critical requirement. For many of the new areas coming up fast on the horizon and leapfrogging into the mainstream, we need faculty development mechanisms, and plenty of resources to support them. This is a key place for CSI to play an active role, creating resources localized to India’s culture and requirements, perhaps even in our own languages. The national education policy itself envisages education in one’s own language, without undermining the comfort required of English for client interaction and global resource access.

There is a large number of faculty taking up research to complete their PhD requirement, as part of their academic ladder. However, with new areas of IT there is a shortage of good guides and expertise in these areas to help these people. As a consequence lot of PhD work being done is poor quality. Can CSI help alleviate this problem? I believe we can make some effort which help build the quality of our faculty indirectly and even help to focus the research work on current and important problems.

Another area where CSI can help is internship. In areas like Information Technology, internship in companies is highly recommended to understand the shift from academia to industry and also to get a sense of work culture, project management, and so on. Most colleges are struggling to find internships for their students, and at the same time companies are not able to attract good students. I had started a match-making initiative when I was with the Mumbai chapter. There is opportunity for doing this at a national level.

These are a few of the things we could work on from the role I am looking at. There is a lot more way to go.

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POST FOR WHICH NOMINATED: Divisional Chairperson (Division 5) – Education and Research

1. Name: SUBHASH CHANDRA YADAV
2. CSI Membership No.: 00093637
3. Membership Type: Life
4. CSI Membership since: Year 2006
5. E-mail address: scy123@gmail.com
6. Date of Birth (Age): 25/07/1973
7. Postal Address: Prof. Subhash Chandra Yadav, Professor and Head, Department of Computer Science & Technology, Central University of Jharkhand, Brambe, Ranchi -835205
8. Phone/ Mobile/ Fax Nos.: 9415870233
9. Educational Qualifications: PhD, MTech(IT), MPhil(CS), MBA(IT), MCA, MSc
10. Publications – relevant to the office being nominated for:
   - Authored Four Books related to CS and IT
   - Contributed 06 Book Chapters related to CS and IT
   - Published 34 papers in Journals/Conference proceedings at National and International levels.
11. Contribution to the IT profession:
    Sectional President for the Section of ICT / Computer Science in Indian Science Congress Association during the year 2013/14.
12. Contribution made to CSI:
    1. Founder chairman CSI Varanasi chapter
    2. Active role in opening CSI student branches in Varanasi(UP), Aurangabad, Gaya and Patna in state Bihar.
    3. Organised several workshop/conferences/seminars under the banner of CSI at Varanasi, and in Gaya, Aurangabad, Patna in state Bihar and Ranchi (Jharkhand)
    4. Computer Awareness Program (CAP) for the Tribal Rural Students in the Villages (Cheri-Manatu), Ranchi, under the banner of CSI.
13. Experience - relevant to the position nominated for:
    25 years in the field of teaching training and research in the field of CS & IT.
14. Honours/ Professional Recognition:
   - Platinum Jubilee Speaker, 105-ISCC-2018, Imphal (Manipur)
   - National Significant Contribution Award for the year 2010, Computer Society of India, at IIM Ahmedabad on 1-12-2011.
   - Purvanchal Samman for the year 2012, for significant contribution in education in eastern UP by Vijay Dubey Foundation, Varanasi.
   - National Significant Contribution Award for the year 2011, Computer Society of India, at University of Kolkata on 1-12-2012.
• Best Poster Presentation, 95th Indian Science Congress Conference – 2008 at Vishakhapatnam in Section of Information Communication Technology (including Computer Science).

15 Other Relevant Information:
• Head of Department (2018 onwards) Department of Computer Science and Technology, Central University of Jharkhand, Ranchi.
• Chairman, DRC and RAC committee for the Department of Computer Science and Technology, Central University of Jharkhand, Ranchi.
• Acting Director for more than two years at Rajarshi School of Management & Technology, Varanasi (August 2006 to September 2007 and from February 2008 to February 2009)
• Member board of studies (BOS) for Computer Science & Engineering / Information Technology / MCA courses in Gautam Buddha Technical University, Lucknow.
• Recorder, ISCA for the section “Information Communication Technology (including Computer science) Indian Science Congress Association (ISCA) for the year 2010/11 and 2011/12.
• Sectional Member for the section “Information Communication Technology (including Computer science) ”Indian Science Congress Association (ISCA) for the year 2009/10.
• Two Times - Nodal Incharge (For Varanasi Commissionery) to handle State Entrance Examination SEEUPTU-07 and SEEUPTU - 08 (U P Technical University, Lucknow.)
• Two Times - Nodal Incharge to handle online counseling process at Varanasi center for the years 2007 and 2008.
• Technical Coordinator, Online Counseling Process - Year 2005 of U P Technical University, Lucknow at Varanasi Center.
• Nodal Director (confidential) to conduct SEEUPTU - 2011 by Mahamaya Technical University for Varanasi Commissionery at the nodal center Varanasi.
• Nodal Director at Nodal Centre Ghazipur to conduct state entrance examination SEEUPTU - 2012 by Gautam Buddha Technical University, Lucknow.
• Several times group leader of flying squad team in the university semester examination conducted by GBTU, Lucknow at Varanasi nodal centre.
• Several times appointed as an observer of DOEACC, Ministry of Communication and IT, Lodhi Road, New Delhi for O/A/B level of examination in various cities.
• Several Times Examination Superintendent at Varanasi Centre for the online examination of DOEACC, Ministry of Communication and IT, Lodhi Road, New Delhi.
• Associate editor of the Journal “Atmbodh”, Journal of Rajarshi School of Management & Technology, with the ISSN #09721398.
• Convener of the Inspection team for DOEACC ‘O’ Level accreditation Ministry of Communication and IT, Lodhi Road, New Delhi, Year 2014.
• Expert from outside the state in Autonomy Review Committee of Government College of Engineering, Amravati, Maharashtra, Year 2014.
• Member State Entrance Examination SEEUPTU-14 (U P Technical University, Lucknow) , center allotment committee for Ajamghar, Balia, Sultanpur and Varanasi districts.
• Member editorial board EVERY MAN SCEEINCE, journal of Indian Science Congress Association for the year 2013/14.

16. In case of Nominees who are holding or have held an Elected post in CSI ExecCom or NC in the last 3 years: Yes
a. Positions held : Divisional Chairperson (Division 5) – Education and Research

b. Statements of Intent submitted for the above positions : Attached

c. Results achieved/ action taken

Involved in various research and educational activities in the CS and IT to enhance the glory of CSI by organising several research and training programs, mainly:

1. Organized one Week Workshop on Data Analytics using Python (Practical Approach) 25th -29th April 2022 , With the technical collaboration of CSI.
2. Organized five days FDP on “Data Science and Machine Learning”, 20th to 24th September 2021 Sponsored by ATAL - AICTE, New Delhi, With the technical collaboration of CSI.
3. Organized five days FDP on “Data Science and Machine Learning”, 20th to 24th September 2021 Sponsored by ATAL - AICTE, New Delhi, With the technical collaboration of CSI.
4. Organized five days FDP on “Internet of Things (IoT)”, 14th to 18th September 2020 Sponsored by ATAL - AICTE, New Delhi, With the technical collaboration of CSI.
5. Organized five days Computer Awareness Program (CAP) for Tribal and Rural Children during 19th to 24th July 2020 in Village : Manatu, District : Ranchi, Jharkhand, With the technical collaboration of CSI.
6. Organized three Week’s Practical Training Program on Cyber Security/ Digital Forensics, February - 2020, With the technical collaboration of CSI.
7. Organized five days FDP on "CYBER SECURITY", 16th to 20th September 2019 Sponsored by ATAL - AICTE, New Delhi, With the technical collaboration of CSI.

Attach Photograph, Letter/Email of Nominee, Letter/Email of Proposer 1, and Letter/Email of Proposer 2

Signature of Nominee
Date: 06/06/2022

** Give information in brief. (last 3 year )
Prof. Subhash Chandra Yadav
CSI Membership No.: 00093637 (Life)
Date: 06/06/2022

Statement of Intent

If I elected for the post of Divisional Chairperson (Division 5) – Education and Research, I will try with my level best to promote the research activities of the society, also I shall encourage the academic Intuitions Academic nominees and students associated with the small and medium scale projects by sponsoring or partial sponsoring by the CSI.

I shall also try to make the society involved with the academic up gradation of the computer and & IT education of the different educational Institutions by the participation of CSI for upgrading the courses curriculum as well as participating in the faculty development programmes.

I shall try with my level best to collaborate with various statutory research bodies and organisations of the country with CSI.

Prof. SUBHASH CHANDRA YADAV
Professor and Head,
Department Compute Science & Technology,
Central University of Jharkhand,
Brambe, Ranchi -835205