

# Microsoft CERTIFIED

Professional

## Microsoft CERTIFIED

Systems Administrator

---

Messaging on Windows  
Server 2003

## Microsoft CERTIFIED

IT Professional

---

Server Administrator on  
Windows Server 2008

## Microsoft CERTIFIED

Technology Specialist

---

Windows Server 2008  
Active Directory  
Configuration

## Microsoft CERTIFIED

Solutions Associate

---

Windows Server 2008

## Microsoft CERTIFIED

Solutions Expert

---

Cloud Platform and  
Infrastructure

## Microsoft CERTIFIED

Systems Administrator

---

Windows Server 2003

## Microsoft CERTIFIED

Systems Engineer

---

Windows Server 2003

## Microsoft CERTIFIED

Technology Specialist

---

Windows Server 2008  
Applications Infrastructure  
Configuration

## Microsoft CERTIFIED

Technology Specialist

---

Windows Server 2008  
Network Infrastructure  
Configuration

## Microsoft CERTIFIED

Solutions Associate

---

Windows Server 2012

## Microsoft CERTIFIED

Solutions Expert

---

Productivity

**Microsoft**  
**CERTIFIED**

Solutions Associate

Web Applications

**Microsoft**  
**CERTIFIED**

Solutions Developer

App Builder

**Microsoft**  
**CERTIFIED**

Solutions Associate

Windows Server 2016



**ORACLE®**

**Certified Associate**

Java SE 8 Programmer

**ORACLE®**

**Certified Professional**

Java SE 8 Programmer





Six Sigma White Belt  
**CERTIFIED**



WORKFORCE DEVELOPMENT PROGRAM

**ORACLE®**

**Certified Associate**

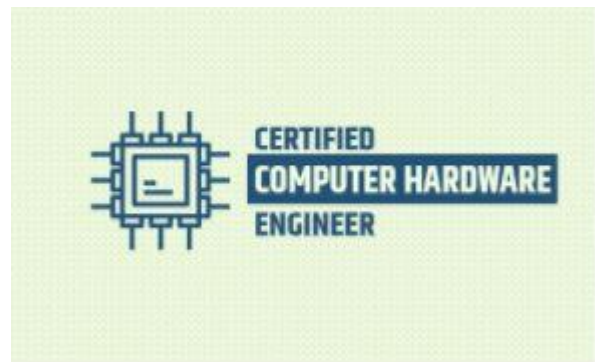
Oracle Database 12c  
Administrator

**ORACLE®**

**Certified Professional**

Oracle Database 12c  
Administrator









## **Dr. ANAND NAYYAR**

**14-B Raman Enclave Extension, Near Rishi Nagar, Opp. Y-Block, Ludhiana-141004**  
**Room No: 101, AAA Apartments, K125/10 Ngo Gia Tu, Da Nang 550000, Vietnam**  
**Official Address: Room No: 102, Graduate School, 254 Nguyen Van Linh Street, Da Nang 550000, Viet Nam**

**E-mail : (Professional) : [anandnayyar@duytan.edu.vn](mailto:anandnayyar@duytan.edu.vn)**

**(Personal) : [anand\\_nayyar@yahoo.co.in](mailto:anand_nayyar@yahoo.co.in); [anandnayyar@gmail.com](mailto:anandnayyar@gmail.com)**

**(Research): [research@anandnayyar.com](mailto:research@anandnayyar.com)**

**Official Link: <http://sdh.duytan.edu.vn/Home/EmployeeDetail/vn/70/anand-nayyar>;**

**<http://gs.duytan.edu.vn/faculty-staff/staff/>**

**Website : <http://www.anandnayyar.com>**

**Facebook Page : [www.facebook.com/expertresearcher](http://www.facebook.com/expertresearcher)**

**YouTube Channel : [www.youtube.com/anandnayyar](http://www.youtube.com/anandnayyar)**

**Mobile : +91-9878327635 (WhatsApp) (India), +84-933622812 (Vietnam)**

### **Career Objective**

**An astute performer with proven expertise in devising and effectuating policies aimed at assuring smooth running of operations and execution of Academic, Research and Administration tasks within the Professional College/University premises, possessing potential for distinctive achievement through strategy, innovation, implementation and control.**

### **Career Synopsis**

- Excellent Academician, Researcher, Author, Writer, Scientist, Innovator, Inventor and Consultant with strong Inter-Personnel, Analytical, Problem-Solving, Research & Teaching Skills.
- A stickler for Quality, team building to the core and a natural motivator with perseverance and integrity. Commands excellent communication skills that have been honed through interacting with people at various levels.
- Excellent skills in communication with students and solving their problems with full satisfaction and ensuring 100% Results in academics and other duties delegated in Administration.

- More than 15+ Years of Consolidated Experience (**Teaching, Research & Administration**) as (**Centre Manager**) Pace Computers LTD (June 2008-July 2009); (**Lecturer- Department of Computer Applications**)-Arya College, Ludhiana (June 2009-Feb 2010); (**Assistant Professor- Department of Computer Science**) in Kamla Lohtia Sanatan Dharam College (June 2010-July 2011); (**Assistant Professor & Head-Research and Development Cell-Department of Computer Applications & IT**) at KCL Institute of Management and Technology, Jalandhar (August 2011- October 2017).
- Currently working as **Professor, Researcher & Scientist** in Graduate School, International School, American Degree Programme (ADP) Department's-Computer Science / Information Technology at **Duy Tan University (DTU)**, Da Nang, Vietnam. (Jan 2018-Present)
- Certified in **75+ Professional International Certifications** from varied Corporate IT Giants like CISCO, Microsoft, BCS, ISTQB, EXIN, Oracle, Google, Cyberoam, EXIN, Six Sigma and BeingCert.com, GAQM Certification Authority, Publons.
- Published **350+ Research Papers** in various National Conferences, International Conferences and various International/National Refereed Journals including IEEE, ACM, IGI-Global, Emerald, Elsevier, Wiley, Springer etc. with High Impact Factor and International recognized Tech Magazines.
- Awarded **5 Best Paper Awards** at ACCT16, ICCCS2016, ICDMAI 2019, ICIIT 2020 International Conferences for Networks and Communications based Research papers.
- Attended various **1/2/5/7 Days FDP's/Workshops** on various areas of Computer Science/Information Technology in various Institutions and IT industries.
- Reviewed more than **550+ Research Papers** for various National and International Conferences/Referred SCI/SCIE/SSCI High Impact Factor Journals including IEEE/Elsevier/Springer/ACM/InterScience/IGI-Global/SAI/Sage/Taylor and Francis. ***Certified Publons Academy Peer Reviewer.***
- Acting as **Editor-in-Chief, IGI-Global, USA- Journal titled "International Journal of Smart Vehicles and Smart Transportation (IJSVST)"**.

- Guided various BCA, B.S., MCA, M. Tech, M.S students for their Projects/Capstone/Thesis. Supervised **2 M. Tech (ECE)** students; **5 M. Tech (CSE)**; **2 M.S.(CSE)** students for Dissertation/Projects; **30 MCA** students for Projects.
- Chaired **17 National Conferences/Seminars** as Session Chair, Resource Person and Session Co-Chair and Chaired/Co-Chaired **60 International Conferences** at various Colleges cum Institutes across country and chaired **50 Workshops/Faculty Development Programs** as Expert/Resource Person.
- Esteemed member of more than **50** National and International Professional R & D Organizations, Associations and Societies as Life Member/Senior Member/Associate Member. Acting as **Senior Member-ACM, IEEE.**
- Esteemed Member of more than **300+** National and International Refereed Journals cum various National and International Conferences as **Editorial Board, Reviewer Board, Technical Committee Board, and Organizing Committee cum Advisory Board.**
- Published **30 books** on different subjects of Computer Science, Electronics and Information Technology with National/International Publishers of repute. Granted **6 Australian Patents of Innovation and 1 Indian Design Patent.**
- Delivered **200+** Invited Talks/Guest lectures/Workshops/Webinars/Faculty Development Programs on various topics in Computer Science/Information Technology/Research Methodology/Teaching Skills Enhancements in various academic institutions, Universities, NITs and degree colleges across the country.
- Acting as “**ACM Distinguished Speaker**” under Networks and Communications category from September 2018 onwards.
- Visiting **Faculty/Consultant/Researcher/Scientist/Expert** to various Top Ranked National/International Institutions/Universities and Corporate Organizations for Research, Technology Implementations, Consultancy Projects and Penetration Testing.



- Awarded **29 Awards for Teaching and Research** : **Best Teacher Award** by Indian Society for Technical Education (ISTE), New Delhi; **Shiksha Ratan Puraskar** by India International Friendship Society (IIFS); **Best Citizen of India-Computer Science** by Best Citizen Publishing House New Delhi; **Outstanding Reviewer 2012** by IJORCS & White Globe Publications, Ludhiana; **Best Teacher Award** by Dotway Computers, Ludhiana; **Young Scientist Award** by IRAJ Association; **Bharat Excellence Award** by Friendship Forum of India; **Rashtriya Gaurav Award** by India International Friendship Society; **Rashtriya Jewel Award** by Friendship Forum of India; **Global Excellence Award** by Friendship Forum of India; **Exemplary Educationist Award** by Indo Global Chamber of Commerce, Industries and Agriculture; **Distinguished Faculty Award** by Indo Global Chamber of Commerce, Industries and Agriculture at The International Education and Leadership Summit Awards Ceremony; **Indira Gandhi Award of Excellence** by India International Friendship Society; **ISTE Section Best Computer Science Teacher Award** by Indian Society for Technical Education (ISTE); **Global Teacher Role Model Award 2015** by MVLA Trust, Mumbai; **Young Researcher Award 2017** by ITSR, Jaipur; **Best Scientist Award 2017** by ITSR, Jaipur; **Asian Status Award for Intellectual People 2018, Global Indian Personality Award 2018, Indo International Emerging Star Award 2018** by Friendship Forum India, **Outstanding Researcher Award (Computer Science and Engineering) 2019** by GOREA, India, **Top 1% Reviewer in Computer Science, Engineering and Cross-Field 2019** by Publons, **Best Researcher Award(Computer Science Research) 2019** by Duy Tan University, Da Nang, Viet Nam, **Distinguished Scientist Award (Computer Science) 2020** by VDGGOOD Professional Association under International Scientist Awards on Engineering, Science and Medicine., **International Researcher of the Year 2020** by ICCIC 2020; **Excellence in Education Award 2020** by ITSR; **Outstanding Teacher of Indian Origin working in Foreign University 2020** by MTC Global; **Top 2% Scientist in PLOS ONE and Stanford University- Artificial Intelligence, Networking and Telecommunications and Information and Communication Technologies.**
- Cited in **Marquis Who's Who in the World-2014/2015/2016/2017/2018/2019/2020/2021** America's Biographer since 1899. Cited in **Asia Pacific: Who's Who Men and Women of Achievement-Year 2013** by Rifacimento International Association in 2014.
- Completed **2 Grant Based Ph. D Support Projects** worth Rs **3 Lakh** from IRAJ and Gill Instruments, Bangalore on Wireless Sensor Networks.

## Educational Credentials

---

- Bachelor of Commerce (**B.Com**) from Punjab University, Chandigarh.  
Year of Passing: August 2005.
- Masters of Computer Applications (**MCA**) from Punjabi University, Patiala.  
Year of Passing: August 2008; **Division: 1<sup>ST</sup> with Distinction;**

Achievement: **University Topper, Gold Medallist, College Color cum Best Speaker-3 Years, Roll of Honor- Awardee**

**Industrial Training Project: *Virtual Private Networking-VPN (Site-To-Site & Remote Access VPN)***

- Masters of Philosophy in Computer Science (**M.Phil-Computer Sc.**) from Vinayaka Missions University (VMU) - *UGC Approved University*, Salem, Tamil Nadu.  
Year of Passing: December 2009; **Division: 1<sup>ST</sup>**

**Thesis: *Techniques behind Securing Wireless Networks***

- Certificate in Cyber Law (**CCL**) from Indian Institute of Law (ILI), New Delhi.  
Year of Passing: December 2011; **Division: 1<sup>ST</sup>**  
Achievement: **“A+” Grade.**
- Masters of Technology in Information Technology (**M.Tech-Information Technology**) from Karnataka State Open University, Mysore.  
Year of Passing: December 2011; **Division: 1<sup>ST</sup> with Distinction.**  
Achievement: **“Excellent” Grade with Distinction.**

**Thesis: *Authentication and Key Establishment in Wireless Networks***

- Certificate in Intellectual Property Rights and Information Technology in the Internet Age (**C-IPR**) from Indian Law Institute (ILI), New Delhi.  
Year of Passing: March 2012; **Division: 1<sup>ST</sup>.**  
Achievement: **“A” Grade.**
- Master’s in Business Administration (**MBA**) in **Information Systems (IS)** from Sikkim Manipal University, Manipal.  
Year of Passing: December 2013; **Division: 1<sup>st</sup>.**  
**Project: *Application of Project Management Techniques in Sales and Inventory Management System***

- Doctorate of Philosophy (**PhD**)-**Computer Science** from Desh Bhagat University, Mandi Gobindgarh. June 2013 to October 2017.  
(Regular-Mode)

### **Course Work Details-**

Year of Passing: December 2013; **Division: 1<sup>ST</sup>**

**Achievement: Topper: Computer Science Stream.**

**Thesis Title: Improvised Energy Efficient Multipath Ant Colony Optimization (ACO) based Routing Protocol for Wireless Sensor Networks (WSNs)**

**Area of Research: Wireless Sensor Networks, Energy Efficient Routing Protocol, Swarm Intelligence, Ant Colony Optimization, Live Hardware Based Wireless Sensor Network Protocol Development over MSP430 Based WSN Kit.**

**Thesis Defended: 6<sup>th</sup> October, 2017**

**Thesis Publication Details:**

**Publisher: Grin Verlag**

**Month of Publishing: December 2017**

**Publishing Link: <https://www.grin.com/document/385058>**

**ResearchGate Link:**

**[https://www.researchgate.net/publication/322094947\\_Improvised\\_Energy\\_Efficient\\_Routing\\_Protocol\\_based\\_on\\_Ant\\_Colony\\_Optimization\\_ACO\\_for\\_Wireless\\_Sensor\\_Networks](https://www.researchgate.net/publication/322094947_Improvised_Energy_Efficient_Routing_Protocol_based_on_Ant_Colony_Optimization_ACO_for_Wireless_Sensor_Networks)**

**Catalog Number: V385058**

**ISBN Number: 978-3668599-215**

**DOI: 10.13140/RG.2.2.28374.34889**

**Pages: 166**

## Professional Certifications

### CISCO Certifications

- **CCNA (Cisco Certified Network Associate) (Cisco Routers and Switches).**  
***(CISCO ID: CSC011463046)***

### Microsoft Certifications

***(MCP ID: 6353755)***

***Microsoft ID: MS0429292876***

***<http://www.mycertprofile.com/Profile/4564254026>***

***<https://www.youracclaim.com/user/anand-nayyar>***

- **Microsoft Certified Professional (MCP)- (Windows XP-Client)**
- **Microsoft Certified Systems Administrator (MCSA) (Windows Server 2003)**
- **Microsoft Certified Systems Administrator (MCSA-Messaging) (Microsoft Exchange Server 2003)**
- **Microsoft Certified Systems Engineer (MCSE) (Windows Server 2003)**
- **Microsoft Certified Technology Specialist (MCTS) (Windows Server 2008)- Network Infrastructure Configuration, Active Directory Configuration, Applications Infrastructure Configuration.**
- **Microsoft Certified IT Professional (MCITP) (Windows Server 2008)- Server Administrator**
- **Microsoft Certified Solutions Associate (MCSA) (Windows Server 2008)**
- **Microsoft Certified Professional (MCPS) (Windows Server 2008)**
- **Microsoft Certified Solutions Associate (MCSA) (Windows Server 2012)**
- **Microsoft Certified Solutions Associate (MCSA) (Cloud Platform)**
- **Microsoft Certified Solutions Expert (MCSE) (Cloud Platform and Infrastructure)**
- **Microsoft Certified Solutions Expert (MCSE) (Productivity)**
- **Microsoft Certified Solutions Associate (MCSA) (Web Applications)**
- **Microsoft Certified Solutions Developer (MCSA) (App Builder)**
- **Microsoft Certified Solutions Associate (MCSA) (Windows Server 2016)**
- **Microsoft Certified Solutions Associate (MCSA) (Dynamics 365)**
- **Microsoft Certified Solutions Expert (MCSE) (Business Applications)**

## **Beingcert.com- Online ISO 9001:2008 UKAS Accreditation Certification Authority, U.K.**

- **Certified Scrum MASTER (CSM). Certification Number: B0000559**
- **Lean Six Sigma Yellow Belt Certified. Certification Number: B0000642**
- **Lean Six Sigma Green Belt Certified. Certification Number: B0000650**
- **Lean Six Sigma Black Belt Certified. Certification Number: B0000658**
- **Certified Data Center Professional (CDCP). Certification Number: B0000982**
- **Certified Data Center Specialist (CDCS). Certification Number: B0000983**
- **Certified Data Center Expert (CDCE). Certification Number: B0000992**
- **Certified Data Center Facilities Operations Manager (CDCFOM). Certification Number: B0000993**
- **Certified Big Data Foundation Specialist (CBDFS). Certification Number: B0001007**
- **Foundation Certificate in DevOps (FCDO). Certification Number: B00001008**
- **Certified DevOps Master (CDM). Certification Number: B00001018**
- **Certified Computer Hardware Engineer (CCHE). Certification Number: B00001023**
- **Certified Web Developer (CWD). Certification Number: B00001028**
- **Agile Scrum Foundation (ASF). Certification Number: B00001238**
- **Agile Scrum Master (ASM). Certification Number: B00001239**
- **Certified PHP Developer. Certification Number: B00001242**
- **Associate in Project Management (APM). Certification Number: B00001243**
- **Professional in Project Management (PPM). Certification Number: B00001251**
- **Certified Project Director (CPD). Certification Number: B00001252**

## **GAQM Certification**

- **Linux Certified Professional (LPI-LCP). Certification Number: 89913**
- **Linux Certified Engineer (LPI-LCE). Certification Number: 89921**
- **Linux Certified Master (LPI-LCM). Certification Number: 89932**
- **Certified Cloud Computing Professional (CCCP). Certification Number: 89938**
- **Certified Cloud Computing Consultant (CCCC). Certification Number: 89940**

## EXIN CERTIFICATIONS

### EXIN Testing ID: EXIN241070

- Certified in *ITIL® Foundation Certificate in IT Service Management- EXIN Certification*. Registration Number: 6042946; Certification Number: 6043048.20678022
- Certified in *PRINCE2® Foundation Certificate in Project Management- EXIN Certification*. Registration Number: 6049015; Certification Number: 6043048.20680519

### Aveta Business Institute

- Certified in **Lean Six Sigma White Belt** from Aveta Business Institute, USA.

### Cyberoam Technologies

- Certified in **Cyberoam Certified Network & Security Professional (CCNSP)** from Sophos Cyberoam Technologies. (Certification No: CP011215/V3.0/01618)

### BCS: The Chartered Institute for IT

#### BCS Testing ID: BCS064033

ISTQB (International Software Testing Qualifications Board)- Certified Tester Foundation Level (CTFL). Candidate Number: GU36155989; Certificate Number: 00360394; Unique ID: ID11560703;

BCS Intermediate Certificate in Software Testing- Candidate Number: XW36366507; Certificate Number: 00371721;

### Asian School of Cyber Laws (ASCL), Mumbai

- Certified in **Ethical Hacking- CEH. (Gold Medallist). (Rank: Black Hat Hacker)**
- Certified in **Cyber Crime Protection Program**
- Certified in **Data Privacy Law**

## **Oracle Technologies**

### **Oracle JAVA Certifications**

- **Oracle Certified Associate (OCA), Java SE 8 Programmer.**
- **Oracle Certified Professional (OCP), Java SE 8 Programmer.**

### **Oracle Database Certifications**

- **Oracle Certified Associate (OCA), Oracle Database 12c Administrator.**
- **Oracle Certified Professional (OCP), Oracle Database 12c Administrator.**

**Oracle Testing ID: OC1718781**

### **Publons Academy**

- **Certified Publons Academy Peer Reviewer.**

### **Elsevier Researcher Academy**

- **Certified Peer Reviewer Course.**

## Professional Industrial Trainings cum Certifications

- **Computer Hardware Engineer (Computer Hardware & Operating Systems)** from Newbridge Technologies, Ludhiana.
- **Linux Administration and Open Source Technology-(Red Hat Enterprise Linux 5)** from Newbridge Technologies, Ludhiana. (Pearson Technologies)
- **ORACLE 9i-Developer Track (SQL, PL/SQL) Oracle Certified Associate (OCA)** from NIIT Technologies, Ludhiana. (Oracle Workforce Development Program)
- **Oracle Database 12c: Data Guard Administration (OCP-Track)** from IANT Educom Private Limited, Ahmedabad. (Oracle Workforce Development Program)
- **CADD/CAM Technology- Mechanical Engineer (AUTOCAD-(Mechanical Design, Drawing and Drafting 2D/3D Designing)** from CADD Center, Chandigarh.
- Certified in **Project Management- Project Management Professional (PMP)** from CADD Center, Chandigarh.
- Certified in **Google Smart Searcher** from Google, U.S.A.
- Certified in **Authorized Buyers Brand Controls Basic** from Google, U.S.A.
- Certified in **Digital Marketing Management** from Sikkim Manipal Global, India in Collaboration with Google Inc., USA.
- Certified in **PIC Microcontrollers** from Enjoin Technologies, Jalandhar. (PIC Developer Kit, PIC-16F877A).
- Certified in **Web Technologies (HTML, DHTML, JavaScript, CSS, XML, XHTML, AJAX, MS-Publisher and FrontPage)** from Oasis Computers, Ludhiana.
- Certified in **Software Development Technology (VB.net)** from NIIT Technologies under NIIT Catz Programme, Ludhiana. (A+ Grade)



- Certified in **Website Development Technology (ASP.net, Silverlight, Crystal Reports and AJAX)** from Probiz Technologies, Chandigarh. (A+ Grade)
- Certified in **Programming Languages (C, C++)** from OASIS Computers, Ludhiana.
- Certified in **Desktop Publishing (DTP) Technology and Scanning Applications (Adobe Photoshop, CorelDraw, PageMaker and OCR Applications)** from Oasis Computers, Ludhiana.
- Certified in **Tally Accounting Package (Tally 7.2)** from Oasis Computers, Ludhiana.
- Certified in **Fundamentals of Computers (Computer Basics, Language-Basic, WordStar, dBase, DOS and FoxPro)** from DCCA Computers, Rose Enclave Ludhiana. (A Grade).

# Computer Science/Information Technology Specializations

- **Networking & Data Communications/ Wireless Communications / Sensor Networks:** Network Infrastructure Development, Mobile Communications, Wireless Networks, Future Internet Standards-WiMAX, Wireless Sensor Networks (WSN), Body Sensor Networks, Wireless Mesh Networks, Opportunistic Networks, Mobile Adhoc Networks (MANET), Flying Adhoc Networks (FANET), Underwater Sensor Networks, Biomedical sensors, Delay Tolerant Networks, Internet of Things (IoT).
- **Network Security:** Ethical Hacking, Intrusion Detection/Prevention Systems, Honeynets/ Honeypots, Firewalls, Cyber Forensics, Penetration Testing, Information Security Planning and Development, Security Operating Systems Cyberoam Technologies- Firewalls and UTM's, Sophos Network Security Hardware, DEFT Forensics, Mobile Forensics, Blockchain Security.
- **Virtualization/Cloud Computing:** VMware Administration, HYPER-V, XEN, Oracle Virtual Box, Cloud Servers Infrastructure Deployment, Ubuntu Cloud, Amazon Web Services, OwnCloud, Microsoft Azure, Cloud Computing Security, Google Cloud Platform.
- **Machine Learning/Deep Learning:** Python with ML/DL Libraries, R Language, Artificial Neural Networks.
- **Windows Servers/ Linux based Desktop Operating Systems (Desktop Support/ System Administration & Engineering):** - Windows, Linux, Solaris, Unix, HP UX.
- **Web Development:** HTML, DHTML, JavaScript, jQuery, XML, XHTML, CSS, ASP.net, Search Engine Optimization, Search Engine Marketing, Google Analytics, Google AdSense, Google Keyword Tools and other SEO Online Tools, Black Hat SEO.
- **Database's/Big Data/ Data Science:** Fundamental Concepts of DBMS & RDBMS, Data Mining, Data Warehousing, Database Security, Database Administration, Big Data Analytics.

- **Database Software's:** - MS-Access, Oracle 9i/10g/11i/12c, Microsoft SQL Server, MySQL, PostgreSQL, MongoDB, NoSQL, MariaDB, SQLite, IBM DB2, Orient DB, GraphDB, Apache Hadoop, MapReduce, Pig, Hive, Sqoop, Apache Cassandra, Apache Kafka, Zookeeper.
- **Programming:** - C, C++, C#, C#.net, Core Java, Data & File Structures, Python, TCL, OTCL, Python, R, Ruby on Rails, Go.
- **Embedded Systems Technologies/Software's:** Raspberry Pi, Android Smart PC Technologies, Arduino Smart Boards/Shields/Lilypad's, Intel Smart Board-Galileo Board, AVR, PIC Microcontrollers, Freeduino, ATMEGA Microcontrollers, Intel Galileo Board, Intel Skylake Technology, MSP430 Processor Technology, Intel Compute Stick, Basic Robotic Operations, Beaglebone Board, Odroid, Cubie board, Nano-PC, Nvidia Jetson Nano, Latte Panda.

Software's: Micro C Compiler, Arduino IDE Development Environment, IAR Workbench for MSP430.

- **Mobile Communications:** 3G, 4G, 5G, 6G Technology, Mobile Security, Future Mobile Communications Technologies, Intelligent Communication Systems.
- **Smart and Intelligent Technologies:** Smart Cities, Green Buildings, Smart Transportation, Industry 4.0, Sustainable Technologies, Cyber Physical Systems, Cobotics.
- **Misc. Computer Science Subjects:** Software Engineering & Software Testing, System Analysis & Design (SAD), Project Management, Management Information System (MIS), Computer Graphics, Algorithm Analysis and Design (ADA), Multimedia and Internet Technology, Object Oriented Analysis and Design using UML (OOAD), Operating Systems, Advanced Operating Systems, E-Commerce & M-Commerce, Systems Software, System Simulation, Computer Graphics, Compiler Design, Computer System Architecture, Digital Electronics, Artificial Intelligence & Robotics Engineering.
- **Simulators (Networking/ Cloud Computing):** NS-2, NS-3, OPNET, MATLAB, SCILAB, Qualnet, LabVIEW, OMNeT++, Boson Network Simulator, Cisco Packet Tracer, Cloud Analyst, CloudSim, GreenCloud, Cloud Reports, NetSim, OptSim, CupCarbon-IoT Simulator, ONE Simulator- Opportunistic Networks.

## Research Areas

- **Wireless Communications:** Mobile Adhoc Networks, Wireless Sensor Networks, Underwater Sensor Networks, Opportunistic Networks, Vehicular Adhoc Networks, Flying Adhoc Networks, Sea Adhoc Networks, UAV Adhoc Networks/Drones, Wireless Mesh Networks.
- **Cyber Security:** Ethical Hacking & Cyber Forensics, Cyber Laws & Intellectual Property Rights, Penetration Testing, Black Hat Hacking Techniques, Vulnerability Assessment, Threat Prevention Techniques development.
- **Client Server Computing:** Pervasive Computing, Distributed Computing, Parallel Computing, Scalable Computing, High Performance Computing, Cluster Computing.
- **Big Data Analytics:** Data Mining, Big Data and Securing Database Servers, Social and Multimedia Data Mining, Distributed Systems, Big Data Analytics, Social Data Mining.
- **Cloud Computing and Virtualization:** Virtualization, Cloud Computing and Securing Cloud, Cloud Simulations, Artificial Intelligence in Cloud Computing.
- **Optimization Techniques:** Algorithm Design and Development, Swarm Intelligence, Genetic Algorithms, Nature Inspired Algorithms and Metaheuristics.
- **Artificial Intelligence/Machine Learning/ Deep Learning:** Embedded Systems, Robotics, AI Techniques Design, Machine Learning, Deep Learning, Cognitive Intelligence, Computational Intelligence, Chatbots, Robot Process Automation (RPA), Cobotics, AI Programming.
- **Microcontrollers and Development Boards:** PIC Microcontrollers, Arduino Boards- Lilypad's, Shields, Raspberry Pi, Beaglebone, Cubie Board, Odroid, UDOO, Asus Tinker Board, Pine 64, Nano-PC, Nvidia Jetson, BBC Micro Bit, and other IoT Development Kits.
- **Other Areas:** Internet of Things (IoT), Power Systems, Photonics, Optical Fibre Communication.

## Conference's Attended/Research Paper's published)

### Publication Synopsis

Papers Published in National Conferences:	66
Papers Published in International Conferences:	68
a. Full Paper Proceedings:	21
b. IEEE Xplore:	19
c. Springer (LNCS/AISC/CCIS):	23
d. ACM (ACM Digital Library):	4
Papers Published in National Journals:	2
Papers Published in International Journals:	139
a. Non-Scopus / SCI / SCIE/ SCI / SSCI:	53
b. Scopus/ WOS/ Thomson Reuters:	23
c. SCI & SSCI:	10
d. SCIE:	54
Papers Published in Edited Books/Book Chapter:	36
Articles Published in National Newspapers:	5
Articles Published in National/International Leading Magazines:	66
Patents: (Australia: 6 ; Indian: 1)	7
Total:	390

### Indexing Services

Google Scholar: <http://scholar.google.co.in/citations?user=7uvZuX8AAAAJ&hl=en>

DBLP: <http://dblp.uni-trier.de/pers/hd/n/Nayyar:Anand>

Researcher ID: F-3732-2015; <http://www.researcherid.com/rid/F-3732-2015>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=55201442200>

ResearchGate: [https://www.researchgate.net/profile/Anand\\_Nayyar](https://www.researchgate.net/profile/Anand_Nayyar)

ORCID: <https://orcid.org/0000-0002-9821-6146>

Publons: <http://publons.com/a/1581823>

Scopus ID: 55201442200

Citations: **2906**; H-Index: **27**; I-Index: **84**

RG Score (ResearchGate): **35.46**; Cumulative Impact Factor: **103** (Till June 2020)

## **National Conference's**

1. UGC Sponsored National Level Seminar on Role of Women in Information Technology: Today and Tomorrow (RWIT-TT) organized by PCMSD College, Jalandhar.

### **Challenges faced by Women to climb Corporate Ladder in Indian Corporate Sector**

(Research Paper Published: Conference Proceedings of UGC Sponsored National Level Seminar on Role of Women in Information Technology-Today and Tomorrow (RWIT-TT) (Full Paper Proceedings). Pg. 225-228

2. UGC Sponsored National Level Seminar on “Research in E-commerce: Issues and Challenges” in Khalsa College for Women, Ludhiana.

### **Threats and Vulnerabilities facing E-Commerce**

(Research Paper Published: Proceedings of National Level Seminar on Research in E-Commerce: Issues and Challenges) (Abstract)

3. National Conference on Recent Advancements in Computer Science (RACS'11) at Baba Farid Group of College, Muktsar (Punjab).

### **Integration of Quantum Cryptography in 802.11i Networks** Pg-103-113

### **Security Issues on Converged Wi-Fi & WiMAX Networks** Pg-9-18

Research Paper Published: Full Paper proceedings RACS 11 Conference.

4. UGC Sponsored National Conference on India an Emerging Service Economy: Issues and Challenges at Guru Nanak National College, Doraha.

### **Business Process Outsourcing (BPO) in India: Success & Challenges**

(Research Paper Published: Conference Proceedings of National Conference on India an Emerging Service Economy: Issues and Challenges) Pg.- 337-341

5. DRDO Sponsored National Conference on Crypt Analysis Techniques in Computer Hacking (CATCH'11) organized by Einstein College of Engineering, Tirunelveli, Tamil Nadu.

### **Broadband Wireless Networks: DoS Attacks & Challenges**

(Research Paper Published: Proceedings of National Conference on Crypt Analysis Techniques in Computer Hacking (CATCH '11)). ISBN: 978-81-920466-0-0. Pg. 13-17.

6. National Conference on Advancements in Signal Processing & Integrated Networks (SPIN 2011) organized by Amity University, Uttar Pradesh in Technical Collaboration with IEEE & IET.

### **MIMO Technology in Wireless Networks**

(Research Paper Published: Proceedings of National Conference on Advancements in Signal Processing & Integrated Networks). ISBN No: 978-81-920913-0-3. Pg-222

7. UGC & NBHM (National Board for Higher Mathematics) sponsored National Conference on Advanced Mathematics & its Applications (CAMA-2011) organized by DAV College, Bathinda.

### **Mobile Agent Security in Adhoc Network Using Threshold Cryptography**

Research Paper Published: Proceedings of National Conference on Advanced Mathematics & its Applications (CAMA-11). ISBN No: 978-81-920674-0-7. Pg. 262-266.

8. 2<sup>ND</sup> National Conference on Recent Advances in Electronics & Communication Technologies (RAECT-11) organized by Guru Nanak Dev Engineering College, Ludhiana

### **Securing Wireless Cellular Networks**

(Research Paper Published: Proceedings of 2<sup>nd</sup> National Conference on Recent Advances in Electronics & Communication Technologies by Excel Indian Publishers). (Abstract) ISBN NO: 978-93-80697-72-7. Pg. 45.

9. UGC Sponsored National Conference on Emerging Trends in Computing and Information Technology 2011 (ETCIT 2011) organized by Guru Gobind Singh Khalsa College, Sarhali (Tarn Taran) Punjab.

Grid Computing and its Applications Pg. 40-45

Automatic Detection of Phishing Website Pg. 307-310

Detecting Exploited Systems using Honeynets in Large Enterprise Networks Pg. 25-31

(Research Paper Published: Proceedings of 1<sup>st</sup> National Conference on Emerging Trends in Computing and Information Technology 2011. ISBN NO: 978-81-7072-124-6

10. National Conference on Evolving Ideas: Computing, Communication and Networking organized by Amrapali Institute of Technology and Sciences, Haldwani, Nainital.

Hybrid Honeypot System Pg. 248-256

Research Paper Published: Proceedings of National Conference on Evolving Ideas: Computing, Communication and Networking by Global Vision Publishing House. ISBN No: 978-81-8220-410-2. Pg. 248-256.

11. UGC Sponsored National Conference on New Horizons of Service Sector: Challenges and Opportunities organized by Gobindgarh Public College, Alour, Khanna.

Knowledge Process Outsourcing (KPO): The cutting-edge future for India Pg. 82-86

Indian Corporate Sector Challenges in Financial Services KPO Business Pg. 77-81

(Research Paper Published: Full Paper Conference Proceedings of National Conference on New Horizons of Service Sector: Challenges and Opportunities). ISBN No: 978-81-921593-7-9.



12. National Conference on Web Technology and Open Source (WEBTOPS 2011) being organized by Jaya Engineering College, Chennai.

**Detecting Botnets using Data Mining** Pg. 387-390

(Research Paper Published: Full Paper Proceedings of the National Conference on Web Technology & Open Source (WEBTOPS 2011)). Pg. 387-390

13. National Conference on Next Generation Computing & Information Security (NCNGCIS-2011) being organized by Institute of Management Studies, Noida in Association with Council of Scientific & Industrial Research (CSIR), SIG-WNs Computer Society of India (CSI), Computer Society of India (CSI).

**Remedies to Security & Privacy Problems in Mobile Social Networking** Pg. 254-263

Research Paper Published: Proceedings of National Conference on Next Generation Computing & Information Security (NCNGCIS-2011) by IMS Publishing House. ISBN No: 978-81-921148-0-4. Pg. 254-263.

14. National Conference on Engineering Applications (NCEA-2011) organized by St. Soldier's Institute of Engineering, Technology & Management, Jalandhar

**Security in 4G Systems** Pg. 26-30

(Research Paper Published: Full Paper Conference Proceedings of National Conference on Engineering Applications by St. Soldier Institute of Engineering, Technology & Management, Jalandhar). Pg. 26-30.

15. National Conference on Excellence in Technology and Management (NCETM-2011) organized by Sunderdeep Engineering College, Ghaziabad

- **Role of Imaginary Secure Network** Pg.- 39-41
- **Denial of Service Attacks (DoS) in MANET- Classification, Detection & Prevention Methods** Pg. 405-407
- **Smart Antennas- A Vision for Future** Pg. 436-440
- **Unique ID Card for Indian Citizens with Bar Coder** Pg. 408-411

(Research Paper Published: Proceedings of National Conference on Excellence in Technology and Management by Excel Publications). ISBN No: 93-81361-04-5.

16. National Workshop-cum Conference on Mathematics and Computing (RTMC-2011) being organized by The Technological Institute of Textiles and Sciences (TITS), Bhiwani, Haryana.

**Enhancing Security and Robustness in ISDN Networks** Pg. No: 416-419

(Research Paper Published: Full Paper published in Proceedings of National Workshop cum Conference of National Conference on Mathematics and Computing (RTMC-2011). Pg. No: 416-419.

17. National Conference on Latest Advancements in Science, Engineering & Research (LASER-11) organized by Baba Farid Institute of Engineering and Technology, Bathinda.

- **Malicious Bots Automatic Detection on Internet using Data Stream Classification** Pg. 193-196
- **Micromirrors Based Optical Switches** Pg. 269-270

(Research Paper (Paper I) Published: Proceedings of National Conference on Latest Advancements in Science, Engineering & Research (LASER-11) by Excel Publications). Vol-II ISBN No: 978-93-81361-07-8. Pg. 193-196.

(Research Paper (Paper II) Published: Proceedings of National Conference on Latest Advancements in Science, Engineering & Research (LASER-11) by Excel Publications). Vol-I ISBN No: 978-93-81361-06-1. Pg. 269-270.

18. National Conference on Emerging Trends in Engineering (NCETIE-2011) organized by Geeta Engineering College, Naulta, Panipat

**Hybrid Intrusion Detection System for Multicore Environment** Pg. 214-218

(Research Paper Published: Proceedings of the National Conference on Emerging Trends in Engineering-2011 (NCETIE-2011) by Excellent Publishing House, New Delhi). ISBN No: 978-93-81583-02-9. Pg. 214-218.

19. National Conference on Challenges in Information Systems & Technology (NCCIST-2011) being organized by Apeejay School of Management, Delhi.

**Routing Protocols Performance Comparison in Mobile Adhoc Networks (MANET) using NS-2 Simulator** Pg-116-120

(Research Paper Published: Conference Proceedings of National Conference on Challenges in Information Systems and Technology). ISBN No: 978-81-906991-3-6. Pg-116-120.

20. National Conference on Advancements in Computational Techniques and Applications (ACTA-2011) being organized by I.T.S, Ghaziabad in Association with Computer Society of India (CSI-Ghaziabad Chapter)

**Designing Optical System Component via Artificial Intelligence** Pg. 49-55

(Research Paper Published: 6<sup>TH</sup> Conference Proceedings of National Conference on Advancements in Computational Techniques and Applications). ISBN No: 978-93-815830-6-7. Pg. 49-55.

21. UGC Sponsored National Conference on Social Networking Sites: Boom or Bane (SNS-B/B 2011) being organized by PCMSD College for Women, Jalandhar

**Online Social Networks- Privacy Issues** Pg. 88-92

(Research Paper Published: Conference Proceedings of National Conference on Social Networking Sites-Boom or Bane). ISBN No: 9788-9-227096. Pg. 88-92.

22. National Conference on Information Processing and Computing (NLCIPC-2011) organized by PSG Polytechnic College, Peelamedu, Coimbatore.

**Preventing Online Identity Theft via Threshold Cryptography**

(Research Paper Published: Conference Proceedings of National Conference on Information Processing and Computing). ISBN No: 978-81-920575-9-0.

23. National Conference on Recent Advancements in Science and Engineering (RAISE 2012) organized by Guru Ram Das Institute of Engineering and Technology, Bathinda. Pg. 141-147

**Performance Analysis of WIMAX Physical Layer for Various Modulation Schemes**

(Research Paper Published: Conference Proceedings of National Conference on Recent Advancements in Science and Engineering). ISBN No: 978-93-81583-16-6. Pg. 141-147.

24. UGC Sponsored National Conference on Internet Commerce being organized by Sant Hira Dass Kanya Mahavidyalaya, Kala Sanghian, Distt. Kapurthala.

**E-Government Implementation Challenges in India** Pg. 85-89

(Research Paper Published: Full Paper Conference Proceedings of National Conference on Internet Commerce). ISBN No: 978-81-922707-1-5. Pg. 85-89.

25. UGC Sponsored National Conference on Emerging Trends in IT being organized by Sant Hira Dass Kanya Mahavidyalaya, Kala Sanghian, Distt. Kapurthala.

- **Review of Security Attacks in Mobile Adhoc Networks (MANETS)** Pg. 24-32
- **Performance Analysis of Leach Protocol in Wireless Networks** Pg. 41-54.

(Research Paper Published: Full Paper Conference Proceedings of National Conference on Emerging Trends in IT). ISBN No: 978-81-922707-7-7.

26. AICTE Sponsored National Seminar on Mathematical Modeling in Science and Technology (MMST-2012) organized by The Technological Institute of Textiles and Sciences (TITS), Bhiwani, Haryana.

- **Energy Conservation in WSN via Asynchronous Duty Cycle MAC Protocol** Pg. 83-86.
- **WiTricity: Wireless Transmission of Electricity** Pg. 262-265.

(Research Paper Published: Full Paper Conference Proceedings of National Seminar on Mathematical Modelling in Science and Technology (MMST-2012). ISBN No: 978-93-81732-05-02.

27. UGC Sponsored National Seminar on Image Processing organized by R.R. Bawa College for Girls, Batala, Punjab

**Image Authentication via Invisible Watermark** Pg. 125

(Research Paper Published: Full Paper Conference Proceedings of UGC Sponsored National Seminar on Image Processing).

28. AIAER (All India Association for Educational Research) Sponsored National Conference on Challenges for Education in Knowledge Society- Silver Jubilee Annual Conference being organized by Rayat Bahra College of Education, Sahauran, Mohali, Punjab.

**Tools and Methodologies of E-Learning** Pg. 423-429.

(Research Paper Published: Full Paper Conference Proceedings of National Conference on Challenges for Education in Knowledge Society).  
ISBN No: 978-93-80144-67-2.

29. ICSSR Sponsored National Conference on Re-Imagining Teacher Education: Perspectives and Transformations organized by Chandigarh College of Education, Landran, Mohali.

**Security Management in E-Learning** Pg. 136-147

(Research Paper Published: Full Paper Conference Proceedings of ICSSR Sponsored National Conference on Re-Imagining Teacher Education: Perspectives and Transformations). ISBN No: 978-93-80144-91-7.

30. 2<sup>nd</sup> National Conference on Next Generation Computing and Information Security- “Emerging Trends and Challenges” organized by Institute of Management Studies (IMS, Noida).

**Cluster Based Infrastructure Key Management Scheme for Wireless Sensor Networks**

(Research Paper Published: Full CD Proceedings of 2<sup>nd</sup> National Conference on Next Generation Computing and Information Security- “Emerging Trends and Challenges”). CD ISBN No: 978-81-921148-3-5.

31. ISTE Faculty Section Convention 2013 on “Quality Assurance and Quality Excellence in Professional Institutions” organized by Rayat Bahra College of Engineering and Nano-Technology for Women, Hoshiarpur.

- Enhancing Scalability and Lifetime in WSN (Wireless Sensor Networks) via Improved Energy Efficient Clustering Algorithm: PBC (Position Based Clustering) Pg. 49-54
- Review and Comparison of Various Simulators for Mobile Adhoc Networks. Pg. 83-90.

(Research Paper Published: Full Paper Proceedings of ISTE Faculty Section Convention 2013 on “Quality Assurance and Quality Excellence in Professional Institutions” organized by Rayat Bahra College of Engineering and Nano-Technology for Women, Hoshiarpur. ISBN No: 978-81-926536-2-4.

32. National Conference on Innovative Practices in Information Technology and Operations Management (Innovations 2014) being organized by Apeejay School of Management, New Delhi.

Hardening Backbone Via Counterfeiting and Combating Security Attacks in WSN via Intrusion Detection System Pg. 41-53

(Research Paper Published: Full Paper Conference Proceedings of National Conference on Innovative Practices in Information Technology and Operations Management (Innovations 2014). ISBN No: 978-81906991-9-7. Pg. 41-53.

- PTU Sponsored National Conference on Business Strategies for Excellence in Emerging Economies being organized by Institute of Management Studies (IMS), Bhaddal Technical Campus, Ropar.
- Evaluation of E-Commerce and M-Commerce Impact on Growth of Indian Economy. Pg.-69-77
- A Comprehensive Review of M-Commerce: Issues, Technology and Challenges. Pg.-136-144

Research Paper Published: Full Paper Proceedings: Book Titled “Business Strategies Emerging Economies”. ISBN No: 978-81-921957-9-7

33. ICSSR Sponsored National Seminar on Green Marketing: A Changing Paradigm in Contemporary Marketing being organized by Arya College, Ludhiana.

- [A Comprehensive Scenario of Indian IT Organizations regarding Green Marketing: Initiatives and Adoptions](#) Pg. 1-8
- [Challenges, Roles and Opportunities surrounding Green Marketing in India](#) Pg. 47-52

Research Paper Published: Full Paper Proceedings: Book Titled “Green Marketing: A Changing Paradigm in Contemporary Marketing 2015” ISBN No: 978-93-272-5756-4

34. UGC Sponsored National Conference on Emerging Trends in Computer Science and Information Systems (NCETCSIS 2015) being organized by Maharaja Agrasen College, University of Delhi, New Delhi.

- [Services and Applications Surrounding Internet of Things \(IoT\)](#) Pg. No: 44-48
- [Comprehensive Coverage on Security Aspect in Wireless Sensor Networks](#) Pg. No: 114-124

Research Paper Published: Full Paper Proceedings of UGC Sponsored National Conference on Emerging Trends in Computer Science and Information Systems (NCETCSIS 2015) being organized by Maharaja Agrasen College, University of Delhi, New Delhi. ISBN No: 978-93-84224-27-1

35. UGC Sponsored National Conference on Wireless and Mobile Communication Network being organized by PCMSD College for Women, Jalandhar.

- [LEACH-LPR: A Novel Genetic Algorithm Based Routing Protocol for Improving Energy Efficiency in Wireless Sensor Network \(WSN\)](#) Pg. No: 63-70
- [Detecting and Combating Cloning Attack in Wireless Sensor Networks.](#) Pg. No: 71-82
- [Counterfeiting and Combating Duplicate Node Attacks via Speed Time Probability Ratio Test in Wireless Sensor Networks](#) Pg. No: 83-90

Full Paper Proceedings. ISBN No: 978-9384407-094

36. 4<sup>TH</sup> National Conference on “Futuristic Trends in Business and Computer Application Entrepreneurship” (Under TEQIP-II) being organized by G.H. Raisoni College of Engineering, Nagpur.

(Full Paper Publication: CD Proceedings with ISBN Number: 978-81-909936-9-2

- [A Novel Security Analysis Model for Threat Analysis in Internet of Things](#)
- [Eucalyptus: An Open Source IaaS Based Cloud Computing Platform](#)
- [A Review of Security Attacks on Internet of Things](#)

37. DST (Department of Science and Technology)- SERB (Science and Engineering Research Board) Sponsored National Conference on Recent Advancements in Science, Commerce and Technology 2016 (NCRSCT 16) being organized by Mata Sahib Kaur Girls College, Talwandi Sabo, Bathinda, Punjab.

- [Dynamic Load Balancing Cluster Based Protocol \(DCLP\)- A Novel Clustering Protocol for Wireless Sensor Networks](#) Pg. No: 437-449.
- [Hardening Cloud Computing Security via Advanced Cryptographic Mechanism based on Diffie Hellman and Elliptic Curve Technique](#) Pg. No: 450-459.

Research Paper Published: Full Research Paper Proceedings of DST (Department of Science and Technology)- SERB (Science and Engineering Research Board) Sponsored National Conference on Recent Advancements in Science, Commerce and Technology 2016 (NCRSCT 16). ISBN No: 978-93-85448-40-9

38. 8<sup>th</sup> National Conference on Innovations for Sustainable Business being organized by Apeejay School of Management, Dwarka, New Delhi.

- [Hardening Cloud Computing Security via Security Policy Decision System \(SPDS\) based on Software Defined Networking](#) Pg. No: 110-117
- [A Comprehensive Review of Routing Algorithms in Opportunistic Networks](#) Pg. No: 124-129



- **Innovative and Interactive Training Techniques in Contemporary Competitive Era: A Survey** Pg. No: 197-202
- **Examination of Competency Mapping for Excellence: A Study of Banking Sector Employees** Pg. No: 187-191

**Full Research Paper Proceedings of 8<sup>th</sup> National Conference on Innovations for Sustainable Business with ISBN Number. ISBN No: 978-93-84562-07-6**

- **3<sup>rd</sup> Conference on Innovative Practices in Operations Management & Information Management & Information Technology (Innovations 2018)** being organized by Apeejay School of Management, Dwarka New Delhi in Collaboration with Philadelphia University, Philadelphia, USA.
- **Issues and Challenges surrounding Fog Computing for IoMT (Internet of Mobile Things)** Pg. No: 26-31
- **Wireless Body Area Networks (WBAN) Technology for Healthcare Applications** Pg. No: 67-72
- **Significance of Mobile Forensics in Internet of Things (IoT)** Pg. No: 1-6

**Research Papers Published: Full Paper Proceedings of 3<sup>rd</sup> Conference on Innovative Practices in Operations Management & Information Management & Information Technology (Innovations 2018). ISBN Number: 978-93-84562-11-3**

**39. 10<sup>th</sup> National Conference on Contemporary Management Research (NACCMAR- 2019) being organized by Apeejay School of Management, New Delhi**

- **Future Industrial Revolution: Industry 4.0- Opportunities and Challenges** Pg. No: 14-25
- **Comprehensive Analysis of Security Issues and Challenges surrounding Blockchain Technology** Pg. No: 94-105

**Research Papers Published: Full Paper Proceedings of 10<sup>th</sup> National Conference on Contemporary Management Research (NACCMAR -2019). ISBN Number: 978-93-84562-13-7**

## International Conference's Full Paper Proceedings

1. **Consumer Trust in E-Marketing.** International Conference on Strategic Marketing of Consumer and Technology Products (ICSMCTP10') organized by University Business School (UBS) Punjab University Regional Center, Ludhiana. (Full CD Proceedings)
2. **Securities and Vulnerabilities in Electric Power Systems.** International Conference on Power systems (ICOPS 10') organized by GNDEC College, Ludhiana. International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences (IJ-ETA-ETS). ISSN NO: 0974-3588; ISBN No: 978-81-8465-360-1. Pg. 495-500.
3. **Challenges & Issues of M-Commerce.** 7<sup>th</sup> International Conference on Upcoming Trends in Information Technology (ICUTIT-2011) organized by Punjab College of Technical Education (PCTE Baddowal), Ludhiana. Full Paper "Proceedings of Upcoming Trends in Information Technology, PCTE Baddowal". Pg. 89-93.
4. **Trends in E-Learning.** International Conference on Education Awareness for Social Sector Issues in India (EASSII-2011) organized by Toff Institute of Management & Engineering Studies (TIMES), Aligarh in association with Singhanian University, Jhunjhunu & Bedfordian Business School, Luton, UK. Book titled "Education in Emerging Indian Society". Pg-254-260 ISBN NO: 978-81-313-1326-8.
5. **Protecting Data from Cyber Theft- An Aggravating Disease.** International Conference on Recent Trends in Information Technology and Computer Science (ICRTITCS-2011) organized by Thakur College of Science and Commerce, Mumbai. Proceedings of International Conference on Recent Trends in Information Technology and Computer Science (ICRTITCS-2011). Pg. 77 (Abstract) CD-ISBN No: 978-81-922978-0-4
6. **Security Backdoors of Web 2.0 and Social Networks in Enterprises.** UGC Sponsored International Conference on Transcending Barriers (ICTB 2012): A Global Perspective in International Business organized by Apeejay Institute of Fine Arts, Jalandhar, Punjab. (Full Paper) International Conference Proceedings of International Conference on Transcending Barriers: A Global Perspective in International Business. ISBN No: 978-93-81212-20-2. Pg. No: 271-278.

7. **Routing Algorithms in Mobile Adhoc Networks (MANETS) based on Swarm Intelligence.** International Conference on Advancements in Engineering and Technology (ICAET 2012) organized by Bhai Gurdas Institute of Engineering and Technology (BGIET), Sangrur, Punjab. CD ISBN NO: 978-9382-062660. (Proceedings)
8. **Enhancing Security in Wireless Sensor Networks via XTESLA: A Secure Broadcast Authentication Protocol.** International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K13) being organized by The Technological Institute of Textile & Sciences (TITS), Bhiwani, Haryana. Full Paper Conference Proceedings of International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K13) ISBN No: 978-93-5137-638-5. Full CD Conference Proceedings- PDF Version of International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K3) ISBN No: 978-93-5137-898-3. Pg. 515-579
9. **Making WAN Byzantine Fault Tolerant via Screwing Steward Protocol.** International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K13) being organized by The Technological Institute of Textile & Sciences (TITS), Bhiwani, Haryana. Full Paper Conference Proceedings of International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K13) ISBN No: 978-93-5137-638-5. Full CD Conference Proceedings- PDF Version of International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K3) ISBN No: 978-93-5137-898-3. Pg. 475-479
10. **Reducing Energy Consumption and Balancing Network Lifetime via RRAC: Novel Routing and Clustering Algorithm for Wireless Sensor Networks (WSN).** AICTE Sponsored International Conference on Advancements in Engineering and Technology (ICAET 2014) being organized by Bhai Gurdas Institute of Engineering and Technology (BGIET), Sangrur. (CD-Version) CD-ISBN No: 978-9383-842124. Full CD Proceedings of International Conference on Advancements in Engineering and Technology (ICAET 2014) organized by Bhai Gurdas Institute of Engineering and Technology (BGIET), Sangrur, Punjab.
11. **Enhancing Energy Efficiency and Lifetime Improvement of Wireless Sensor Network via Secured and Efficient Ant Routing Algorithm.** 2<sup>ND</sup> International Conference on Innovation and Sustainability Managing for Change (Management and Computer Science) being organized by Hindu Institute of Management, Sonipat on Jan 25, 2015. Full Paper-Proceedings of 2<sup>ND</sup> International Conference on Innovation and Sustainability Managing for

Change (Management and Computer Science) ISBN No: 978-93-81212-92-9. Pg. 354-366.

12. **A Comprehensive Review of Clustering Protocols cum Algorithms in Heterogeneous Wireless Sensor Networks.** 2<sup>ND</sup> International Conference on Innovation and Sustainability Managing for Change (Management and Computer Science) being organized by Hindu Institute of Management, Sonipat on Jan 25, 2015. Full Paper-Proceedings of 2<sup>ND</sup> International Conference on Innovation and Sustainability Managing for Change (Management and Computer Science) ISBN No: 978-93-81212-92-9. Pg. 367-381.

13. **Internet of Things in Homes: A Case Study.** 3<sup>rd</sup> International Case Conclave (ELIXIR 2016) being organized by School of Management at G.D. Goenka University, Gurgaon, Haryana. Full Case Study Proceedings- ELIXIR 2016. ISBN No: 978-93-85777-89-9. Page no: 216-221.

14. Sixth International Conference on Advanced Computing and Computing Technologies (ACCT16) being organized by R.G. Educational Society, Rohtak, Haryana.

- **Internet of Vehicles (IoV): Futuristic Smart Intelligent Transportation System.** DOI: 10.3850/978-981-11-0783-2\_304
  - <http://rpsonline.com.sg/proceedings/9789811107832/html/304.xml>
- **CloudBot1: Real Time Environmental Monitoring Internet of Robot (IoR).** DOI: 10.3850/978-981-11-0783-2\_308
  - <http://rpsonline.com.sg/proceedings/9789811107832/html/308.xml>

Full Conference CD Proceedings of 2016 Sixth International Conference on Advanced Computing and Communication Technologies (ACCT16). ISBN No: 978-981-11-0783-2

**BEST PAPER AWARD: CloudBot1: Real Time Environmental Monitoring Internet of Robot (IoR)**

**15. CRC Press- Taylor and Francis Group Sponsored International Conference on Communication and Computing Systems (ICCCS2016) being organized by Dronacharya College of Engineering, Gurgaon.**

**Smart Farming: IoT Based Smart Sensors Agriculture Stick for Live Temperature and Moisture Monitoring using Arduino, Cloud Computing and Solar Technology**

**Research Paper Published: Communications and Computing Systems. 2017 Taylor and Francis Group, CRC Press. ISBN No (Print): 978-1-138-02952-1. (eBook-ISBN: 978-1-317-20515-9), DOI: 10.1201/9781315364094-121. pp: 673-680.**

**Online Link: <https://www.crcpress.com/Communication-and-Computing-Systems-Proceedings-of-the-International-Conference/Prasad-Singh-Ruhil-Singh-OKennedy/p/book/9781138029521>**

**BEST PAPER AWARD: IoT Based Smart Sensors Agriculture Stick for Live Temperature and Moisture Monitoring using Arduino, Cloud Computing and Solar Technology**

**16. International Conference on International Business: Emerging Trends, Opportunities and Challenges (CIB 2017) being organized by Apeejay School of Management, Dwarka, New Delhi**

- **Cyberstalking: Serious Threat and Challenge to Cyber World. Pg. No: 9-18**
- **Issues and Challenges of Intellectual Property Rights (IPR) in Indian Digital Scenarios. Pg. No: 96-101**
- **Comprehensive Analysis of Human Resource Information Systems (HRIS) in India. Pg. No: 40-50**

**Research Paper Published:**

**Full Paper ISBN No. Proceedings of Conference on International Business: Emerging Trends, Opportunities and Challenges with ISBN No: 978-93-84562-08-3**

**17.1<sup>st</sup> International Scientific Conference “Modern Management Trends and the Digital Economy: from Regional Development to Global Economic Growth” (MTDE 2019) being organized at Yekaterinburg, The Russian Federation.**

- **Digital Sustainability in Social Media innovation: A microscopic analysis of Instagram advertising & its demographic reflection for buying activity with R. Pg. No: 379-384**

**Research Paper Published:**

**Proceedings: 1<sup>st</sup> International Scientific Conference “Modern Management Trends and the Digital Economy: from Regional Development to Global Economic Growth” (MTDE 2019)**

**Part of Series: Advances in Economics, Business and Management Research**

**ISBN: 978-94-6252-721-8; ISSN: 2352-5428; DOI: <https://doi.org/10.2991/mtde-19.2019.72>**

**Online Link: <https://www.atlantis-press.com/proceedings/mtde-19/125908852>**

**Indexed in: Web of Science, Russian Science Citation Index (RSCI)**

**18.15<sup>th</sup> International CDIO Conference organized at Aarhus University, Denmark.**

- **Enhancing Students Soft Skills by Implementing CDIO-Based Integration Teaching Mode**

**Research Paper Published:**

**Proceedings: 15<sup>th</sup> International CDIO Conference.**

**Online Link: <http://www.cdio.org/files/document/file/136.pdf>**

**19.2<sup>ND</sup> International Scientific Conference “Modern Management Trends and the Digital Economy: from Regional Development to Global Economic Growth” (MTDE 2020) being organized at Yekaterinburg, The Russian Federation.**

- **Investigation of an Application/Usage of Information Technology in Learning of Cross-Cultural Diversity-a study of Perception of the Indian Expatriates Across the Globe. Pg. No: 271-285**

**Research Paper Published:**

**Proceedings: 2<sup>nd</sup> International Scientific Conference “Modern Management Trends and the Digital Economy: from Regional Development to Global Economic Growth” (MTDE 2020)**

**Part of Series: Advances in Economics, Business and Management Research**

**ISBN: 978-94-6252-721-8; ISSN: 2352-5428; DOI: <https://doi.org/10.2991/mtde-19.2019.72>**

**Online Link: <https://www.atlantis-press.com/proceedings/mtde-20/125939695>**

**Indexed in: Web of Science, Russian Science Citation Index (RSCI)**

**International Conference's**  
**IEEE Xplore (SCOPUS INDEXED)**

1. **Simulation Based Evaluation of Reactive Routing Protocol for MANET.**<sup>2<sup>nd</sup></sup> International Conference on Advanced Computing and Communication Technologies (ACCT'12) organized by RG Education Society, Rohtak. (CD-Version)- CD-ISBN NO: 978-0-7695-4640-7.

Research Paper Published: CS Digital Library: IEEE Computer Society

IEEE Computer Society Link:

<http://www.computer.org/csdl/proceedings/acct/2012/4640/00/4640a561-abs.html>

ISBN No: 978-1-4673-0471-9

IEEE Catalogue No: CFP1203S-PRT

DOI: <http://doi.ieeecomputersociety.org/10.1109/ACCT.2012.104>

(SCOPUS INDEXED)

2. **A Review of De-Facto MAC Standard: IEEE 802.11 DCF.** 4<sup>th</sup> International Conference on Advanced Computing and Communication Technologies (ACCT'14) organized by RG Education Society, Rohtak. (CD-Version) CD-ISBN NO: 978-1-4799-4910-6

Research Paper Published: CS Digital Library: IEEE Computer Society

IEEE Computer Society Link:

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6783481&queryText%3DA+Review+of+De-Facto+MAC+Standard%3A+IEEE+802.11+DCF>

(SCOPUS INDEXED)

DOI: 10.1109/ACCT.2014.19.

3. **A Novel Defense Mechanism via Genetic Algorithm for Counterfeiting and Combating Jelly Fish Attack in Mobile Adhoc Networks (MANETS).** IEEE Sponsored Confluence 2014: The Next Generation Information Technology Summit being organized by Amity University, Noida (U.P), India.

Published in: Confluence the Next Generation Information Technology Summit (Confluence), 2014 5<sup>th</sup> International Conference. Page: 354-358; Print ISBN: 978-1-4799-4237-4; INSPEC Accession Number: 14737157; DOI: 10.1109/CONFLUENCE.2014.6949279.

Link of IEEE:

[http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=6949279&punumber%3D6937353%26sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6949036%29%26pageNumber%3D3](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=6949279&punumber%3D6937353%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6949036%29%26pageNumber%3D3)



- 4. Enhancement in DDCSA for Improving Power Consumption and Network Lifetime of Wireless Sensor Networks using Geographical Forwarding via Face Routing Technique.** IEEE Sponsored Confluence 2014: The Next Generation Information Technology Summit being organized by Amity University, Noida (U.P), India.

Published in: Confluence the Next Generation Information Technology Summit (Confluence), 2014 5<sup>th</sup> International Conference. Page: 359-364; Print ISBN: 978-1-4799-4237-4; INSPEC Accession Number: 14737121; DOI: 10.1109/CONFLUENCE.2014.6949280

Link of IEEE:

[http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6949280&punumber%3D6937353%26sortType%3Dasc\\_p\\_Sequence%26filter%3DAND%28p\\_IS\\_Number%3A6949036%29%26pageNumber%3D3](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6949280&punumber%3D6937353%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Number%3A6949036%29%26pageNumber%3D3)

(SCOPUS INDEXED)

- 5. A Review of Beaglebone Smart Board's- A Linux/Android Powered Low Cost Development Platform based on ARM Technology.** 2015 9<sup>th</sup> International Conference on Future Generation Communication and Networking (FGCN 2015) being organized by Jeju National University International Center, Jeju Island, Korea. (Conference Proceedings) Proceedings of 2015 9<sup>th</sup> International Conference on Future Generation Communication and Networking (FGCN 2015). ISBN No: 978-1-4673-9834-3/15. DOI No: 10.1109/FGCN.2015.23. Page No: 55-63

*IEEE*

Proceedings of 2015 9<sup>th</sup> International Conference on Future Generation Communication and Networking (FGCN 2015)

IEEE Computer Society Order Number: P5729

BMS Part No: CFP1534D-CDR

ISBN No: 978-1-4673-9834-3/15

Link of IEEE:

[http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7434875&filter%3DAND%28p\\_IS\\_Number%3A7434853%29](http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7434875&filter%3DAND%28p_IS_Number%3A7434853%29)

6. 10<sup>th</sup> INDIACom 2016: 3<sup>rd</sup> International Conference on Computing for Sustainable Global Development (IEEE Sponsored & IEEE Xplore Indexed Conference), Conference ID: 37465

Research Paper Presented:

- [Ant Colony Optimization- Computational Swarm Intelligence Technique.](#)
- [A Review of Arduino Boards, Lilypad's and Arduino Shields.](#)
- [Real Time Smart Home Automation Based on PIC Microcontroller, Bluetooth and Arduino Technology](#)

Research Paper Published: Full Paper Conference Proceedings of 10<sup>Th</sup> INDIACom, 2016 3<sup>rd</sup> International Conference on Computing for Sustainable Global Development. ISSN No: 0973-7529, ISBN No: 978-93-80544-20-5.

- Ant Colony Optimization- Computational Swarm Intelligence Technique. pp: 2404-2410
- A Review of Arduino Boards, Lilypad's and Arduino Shields. pp: 2368-2375
- Real Time Smart Home Automation Based on PIC Microcontroller, Bluetooth and Arduino Technology. pp: 2361-2367

*IEEE Xplore Indexing:*

ISBN No: 978-9-3805-4421-2/16

1. Ant Colony Optimization- Computational Swarm Intelligence Technique. pp: 1493-1499.  
<http://ieeexplore.ieee.org/document/7724515/>
2. A Review of Arduino Boards, Lilypad's and Arduino Shields. pp: 1485-1492.  
<http://ieeexplore.ieee.org/document/7724514/>
3. Real Time Smart Home Automation Based on PIC Microcontroller, Bluetooth and Arduino Technology. pp: 1478-1484.  
<http://ieeexplore.ieee.org/document/7724513/>

(SCOPUS INDEXED)

7. International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD 2018) being organized by IEEE South Africa Section Computer Society Chapter, IEEE Mauritius Section and Durban University of Technology, Durban South Africa.

***Flying Adhoc Network (FANETs): Simulation Based Performance Comparison of Routing Protocols: AODV, DSDV, DSR, OLSR, AOMDV and HWMP***

**Research Paper Published:**

***Flying Adhoc Network (FANETs): Simulation Based Performance Comparison of Routing Protocols: AODV, DSDV, DSR, OLSR, AOMDV and HWMP***

**Paper Details:**

***IEEE Xplore Proceedings- 2018 International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD 2018). IEEE Conference Number: 41997. Scopus Indexed***

***E-ISBN: 978-1-5386-3060-0***

***PoD (Print on Demand) ISBN: 978-1-5386-3061-7***

***DOI: 10.1109/ICABCD.2018.8465130***

***Web Link: <https://ieeexplore.ieee.org/document/8465130>***

**(SCOPUS INDEXED)**

8. 2018 International Conference on Intelligent and Innovative Computing Applications (ICONIC 2018) being organized at Hotel Holiday Inn, Mon Tresor, Plaine Magnien, Mauritius.

***Comprehensive Analysis of Routing Protocols for Cognitive Radio Ad-Hoc Networks (CRAHNS)***

**Research Paper Published**

**IEEE Xplore Proceedings: 2018 International Conference on Intelligent and Innovative Computing Applications (ICONIC 2018). (SCOPUS INDEXED)**

**Publisher: IEEE**

**ISBN Details: E-ISSN: 978—5386-6477-3; USB ISBN: 978-1-5386-6476-6; Print on Demand (PoD): 978-1-5386-6478-0**

**DOI: 10.1109/ICONIC.2018.8601301**

**Pages: 1-7**

9. 2018 4<sup>th</sup> International Conference on Computing Sciences (ICCS) being organized at Lovely Professional University (LPU), Jalandhar, Punjab.

**Internet of Robotic Things: Driving Intelligent Robotics of Future- Concept, Architecture, Applications and Technologies**

**Publisher: IEEE**

**IEEE Xplore Proceedings: 2018 4<sup>th</sup> International Conference on Computing Sciences (ICCS)**

**ISBN: - Electronic ISBN: 978-1-5386-8025-4; Print on Demand (PoD)—978-1-5386-8026-1**

**DOI: 10.1109/ICCS.2018.00033**

**Pages: 151-160**

10. IEEE Global Communications Conference (IEEE GlobeCom 2018) being organized at Abu Dhabi, UAE.

- **BHEEM: A Blockchain based framework for securing Electronic Health records**

**Link: <https://ieeexplore.ieee.org/abstract/document/8644088>**

**Publisher: IEEE**

**IEEE Xplore Proceedings: 2018 Globecom Workshops (GC Wkshps)**

**DOI: 10.1109/GLOCOMW.2018.8644088**

**Electronic ISBN: 978-1-5386-4920-6**

**USB ISBN: 978-1-5386-6977-8**

**Print on Demand (PoD) ISBN: 978-1-5386-4921-3**

- **Data Consumption- Aware Load Forecasting scheme for Smart Grid Systems**

**Link: <https://ieeexplore.ieee.org/abstract/document/8644096>**

**Publisher: IEEE**

**IEEE Xplore Proceedings: 2018 Globecom Workshops (GC Wkshps)**

**DOI: 10.1109/GLOCOMW.2018.8644096**

**Electronic ISBN: 978-1-5386-4920-6**

**USB ISBN: 978-1-5386-6977-8**

**Print on Demand (PoD) ISBN: 978-1-5386-4921-3**

**11. 2018 International Conference on System Modeling & Advancement in Research Trends (SMART) being organized at Moradabad, U.P., India.**

- **Distributed Big Data Analytics in the Internet of Signals**

**Link:** <https://ieeexplore.ieee.org/abstract/document/8746983>

**Publisher:** IEEE

**IEEE Xplore Proceedings: 2018 International Conference on System Modeling & Advancement in Research Trends (SMART)**

**DOI: 10.1109/SYSSMART.2018.8746983**

**Electronic ISBN: 978-1-5386-6369-1**

**USB ISBN: 978-1-5386-6368-4**

**Print on Demand (PoD) ISBN: 978-1-5386-6370-7**

**pp: 73-77**

- **Predicting Employee Attrition using XGBoost Machine Learning Approach**

**Link:** <https://ieeexplore.ieee.org/abstract/document/8746940>

**Publisher:** IEEE

**IEEE Xplore Proceedings: 2018 International Conference on System Modeling & Advancement in Research Trends (SMART)**

**DOI: 10.1109/SYSSMART.2018.8746940**

**Electronic ISBN: 978-1-5386-6369-1**

**USB ISBN: 978-1-5386-6368-4**

**Print on Demand (PoD) ISBN: 978-1-5386-6370-7**

**pp: 113-120**

12. 2019- 9<sup>th</sup> International Conference on Cloud Computing, Data Science and Engineering (Confluence 2019) being organized at Amity University, Noida, India.

**Movie Recommender System using K-Means Clustering AND K-Nearest Neighbor**

Link: <https://ieeexplore.ieee.org/document/8776969>

Publisher: IEEE

IEEE Xplore Proceedings: 2019 9<sup>th</sup> International Conference on Cloud Computing, Data Science and Engineering (Confluence 2019)

DOI: 10.1109/CONFLUENCE.2019.8776969

Electronic ISBN: 978-1-5386-5933-1

CD-ROM ISBN: 978-1-5386-5932-8

Print on Demand (PoD) ISBN: 978-1-5386-5934-2

pp: 263-268

13. 2020 International Conference on Artificial Intelligence, Big Data, Computing and Data Communication Systems (icABCD 2020) being organized at Durban, KwaZulu Natal, South Africa.

- **Object detection based approach for Automatic detection of Pneumonia**

Link: <https://ieeexplore.ieee.org/document/9183876>

Publisher: IEEE

IEEE Xplore Proceedings: 2020 International Conference on Artificial Intelligence, Big Data, Computing and Data Communication Systems (icABCD 2020)

DOI: 10.1109/icABCD49160.2020.9183876

Electronic ISBN: 978-1-7281-6770-1

USB ISBN: 978-1-7281-6769-5

Print on Demand(PoD) ISBN: 978-1-7281-6771-8

Pages: 6 Pages

- **Sigmoidal Salp Swam Optimization**

Link: <https://ieeexplore.ieee.org/document/9183825>

Publisher: IEEE

IEEE Xplore Proceedings: 2020 International Conference on Artificial Intelligence, Big Data, Computing and Data Communication Systems (icABCD 2020)

DOI: 10.1109/icABCD49160.2020.9183825

Electronic ISBN: 978-1-7281-6770-1

USB ISBN: 978-1-7281-6769-5

Print on Demand(PoD) ISBN: 978-1-7281-6771-8

Pages: 6 Pages

14. 2020 7<sup>th</sup> NAFOSTED Conference on Information and Computer Science (NICS 2020) being organized in Ho Chi Minh City, Viet Nam

Research Paper Presented:

**Improving Recommendation Accuracy using Cross-domain Similarity**

Proceedings Link: <https://ieeexplore.ieee.org/xpl/conhome/9335828/proceeding>

Link: <https://ieeexplore.ieee.org/abstract/document/9335913>

Publisher: IEEE

IEEE Xplore Proceedings: 2020 7<sup>th</sup> NAFOSTED Conference on Information and Computer Science (NICS)

DOI: 10.1109/NICS51282.2020.9335913

Electronic ISBN: 978-0-7381-0553-6

USB ISBN: 978-0-7381-0552-9

Print on Demand(PoD) ISBN: 978-0-7381-0554-3

Pages: 280-285

**International Conference's**  
**Springer (AISC/LNCS/CCIS--SCOPUS INDEXED)**

1. 4<sup>th</sup> International Conference on Information System Design and Intelligent Applications (India 2017) being organized at Duy Tan University, Da Nang, Vietnam.

**Smart Surveillance Robot for Real-Time Monitoring and Control System in Environment and Industrial Applications.**

**Springer Book: Information Systems Design and Intelligent Applications under Advances in Intelligent Systems and Computing (AISC, Volume 672)**

DOI: [https://doi.org/10.1007/978-981-10-7512-4\\_23](https://doi.org/10.1007/978-981-10-7512-4_23)

Print ISBN: 978-981-10-7511-7

Online ISBN: 978-981-10-7512-4

Publisher: Springer, Singapore

Pages: 229-243

Online Link: [https://link.springer.com/chapter/10.1007/978-981-10-7512-4\\_23](https://link.springer.com/chapter/10.1007/978-981-10-7512-4_23)

(SCOPUS INDEXED)

2. 3<sup>rd</sup> International Conference on Next Generation Computing Technologies (NGCT 2017) being organized by University of Petroleum and Energy Studies (UPES), Dehradun, India.

**IEEMARP: Improvised Energy Efficient Multipath Ant Colony Based Routing Protocol for Wireless Sensor Networks**

**Springer Book: Smart and Innovative Trends in Next Generation Computing Technologies under Communications in Computing and Information Science (CCIS Series)- PART-II (Scopus Indexed)**

DOI: [https://doi.org/10.1007/978-981-10-8660-1\\_1](https://doi.org/10.1007/978-981-10-8660-1_1)

Soft Cover ISBN: 978-981-10-8659-5

eBook ISBN: 978-981-10-8660-1

Series ISSN: 1865-0929

Pages: 3-24 , Edition: I

Online Link: [https://link.springer.com/chapter/10.1007%2F978-981-10-8660-1\\_1](https://link.springer.com/chapter/10.1007%2F978-981-10-8660-1_1)

(SCOPUS INDEXED)



3. 2<sup>ND</sup> International Conference on Data Management, Analytics and Innovation (ICDMAI 2018) being jointly organized by Computer Society of India-Division II; Computer Society of India, Pune Chapter and Adhyogik Tantra Shikshan Sanstha's, Institute of Industrial and Computer Management and Research, Pune (IICMR).

- **Comprehensive Analysis of Routing Protocols Surrounding Underwater Sensor Networks (UWSNs)**
- **Artificial Bee Colony Optimization- Population-Based Meta-Heuristic Swarm Intelligence Technique**
- **Firefly Swarm: Metaheuristic Swarm Intelligence Technique for Mathematical Optimization**
- **Defending Jellyfish Attack in Mobile Ad Hoc Networks via Novel Fuzzy System Rule**
- **A Comprehensive Survey on Ransomware Attack: A Growing Havoc Cyberthreat**

**Springer AISC Series- Data Management, Analytics and Innovation- Proceedings of ICDMAI 2018, Volume 1 (Scopus Indexed)**

**Publisher: Springer, Singapore**

**DOI: 10.1007/978-981-13-1402-5**

**eBook ISBN No: 978-981-13-1402-5**

**Soft Cover ISBN No: 978-981-13-1401-8**

**Series ISSN: 2194-5357**

**Edition: 1**

**Comprehensive Analysis of Routing Protocols Surrounding Underwater Sensor Networks (UWSNs)**

**DOI: <https://doi.org/10.1007/978-981-13-1402-5> 33**

**pp: 435-450**

**Springer AISC Series- Data Management, Analytics and Innovation- Proceedings of ICDMAI 2018, Volume 2 (Scopus Indexed)**

**Publisher: Springer, Singapore**

**eBook ISBN: 978-981-13-1274-8**

**DOI: 10.1007/978-981-13-1274-8**

**Softcover ISBN: 978-981-13-1273-1**

**Series ISSN: 2194-5357; Edition: 1**

**A Comprehensive Survey on Ransomware Attack: A Growing Havoc Cyberthreat**

DOI: [https://doi.org/10.1007/978-981-13-1274-8\\_31](https://doi.org/10.1007/978-981-13-1274-8_31)

pp: 403-420

**Defending Jellyfish Attack in Mobile Ad Hoc Networks via Novel Fuzzy System Rule**

DOI: [https://doi.org/10.1007/978-981-13-1274-8\\_33](https://doi.org/10.1007/978-981-13-1274-8_33)

pp: 437-455

**Firefly Swarm: Metaheuristic Swarm Intelligence Technique for Mathematical Optimization**

DOI: [https://doi.org/10.1007/978-981-13-1274-8\\_34](https://doi.org/10.1007/978-981-13-1274-8_34)

pp: 457-466

**Artificial Bee Colony Optimization- Population-Based Metaheuristic Swarm Intelligence Technique**

DOI: [https://doi.org/10.1007/978-981-13-1274-8\\_38](https://doi.org/10.1007/978-981-13-1274-8_38)

pp: 513-525

(SCOPUS INDEXED)

4. International Conference on Innovative Computing and Communications (ICICC -2018) being organized at Guru Nanak Institute of Management, New Delhi.

- **BioSenHealth 1.0: A Novel Internet of Medical Things (IoMT)-Based Patient Monitoring System**
- **Analysis of Simulation Tools for Underwater Sensor Networks (UWSNs)**
- **Arrhenius Artificial Bee Colony Algorithm**

**Research Papers Published:**

**BioSenHealth 1.0: A Novel Internet of Medical Things (IoMT)-Based Patient Monitoring System. Pages: 155-164. DOI: [https://doi.org/10.1007/978-981-13-2324-9\\_16](https://doi.org/10.1007/978-981-13-2324-9_16).**

**Analysis of Simulation Tools for Underwater Sensor Networks (UWSNs). Pages: 165-180. DOI: [https://doi.org/10.1007/978-981-13-2324-9\\_17](https://doi.org/10.1007/978-981-13-2324-9_17)**

Proceedings of ICICC 2018, Volume 1 under Springer Book Series- Lecture Notes in Networks and Systems (LNCS). DOI: 10.1007/978-981-13-2324-9.

eBook ISBN: 978-981-13-2324-9; Series ISSN: 2367-3370; Edition: 1; Series Volume: 55

<https://www.springer.com/gp/book/9789811323232>

Arrhenius Artificial Bee Colony Algorithm. Pages: 187-195. DOI:

[https://doi.org/10.1007/978-981-13-2354-6\\_21](https://doi.org/10.1007/978-981-13-2354-6_21).

Proceedings of International Conference on Innovative Computing and Communications (ICICC 2018), Volume 2. Lecture Notes in Networks and Systems. Volume 56.

eBook ISBN: 978-981-13-2354-6. DOI:10.1007/978-981-13-2354-6. Series ISSN:2367-3370. Edition 1

<https://www.springer.com/us/book/9789811323539>

(SCOPUS INDEXED)

5. International Conference on Industrial Networks and Intelligent Systems (INISCOM 2018) being organized by Duy Tan University, Da Nang, Vietnam

- **Logarithmic Spiral Based Local Search in Artificial Bee Colony Algorithm**
- **Wireless Power Transfer Under Secure Communication with Multiple Antennas and Eavesdroppers**
- **Smart-IoUT 1.0: A Smart Aquatic Monitoring Network based on Internet of Underwater Things (IoUT)**

Springer Proceedings---Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (Scopus Indexed)

Publication Details

Edited Book: Industrial Networks and Intelligent Systems (Title); 14<sup>th</sup> EAI International Conference, INISCOM 2018 (Sub Title); Series Volume: 257; eBook ISBN No: 978-3-030-05873-9; Softcover ISBN: 978-3-030-05872-2; Series ISSN: 1867-8211; Edition: 1

Papers Publications

- **Logarithmic Spiral Based Local Search in Artificial Bee Colony Algorithm**  
DOI: [https://doi.org/10.1007/978-3-030-05873-9\\_2](https://doi.org/10.1007/978-3-030-05873-9_2) pp: 15-27
- **Smart-IoUT 1.0: A Smart Aquatic Monitoring Network Based on Internet of Underwater Things (IoUT)**  
DOI: [https://doi.org/10.1007/978-3-030-0873-9\\_16](https://doi.org/10.1007/978-3-030-0873-9_16) pp: 191-207

- **Wireless Power Transfer Under Secure Communication with Multiple Antennas and Eavesdroppers**

DOI: [https://doi.org/10.1007/978-3-030-058732-9\\_17](https://doi.org/10.1007/978-3-030-058732-9_17) pp: 208-220

(SCOPUS INDEXED)

6. **7<sup>th</sup> International Conference on Frontiers of Intelligent Computing: Theory and Application (FICTA 2018)** being organized at Duy Tan University, Da Nang, Viet Nam.

**Robot Path Planning using Modified Artificial Bee Colony Algorithm**

Springer Proceedings: Advances in Intelligent Systems and Computing (AISC) (Scopus Indexed)

Publication Details: **Frontiers in Intelligent Computing: Theory and Applications- Proceedings of the 7th International Conference on FICTA (2018), Volume 2; ISBN 978-981-13-9920-6**

Paper Publication Details:

**Robot Path Planning using Modified Artificial Bee Colony Algorithm. pp: 25-36**

DOI: [https://link.springer.com/chapter/10.1007%2F978-981-13-9920-6\\_3](https://link.springer.com/chapter/10.1007%2F978-981-13-9920-6_3)

Print ISBN: 978-981-13-9919-0; Online ISBN: 978-981-13-9920-6

(SCOPUS INDEXED)

7. **3<sup>rd</sup> International Conference on Advanced Informatics for Computing Research (ICAICR-2019)** being organized at Club Mahindra Kandaghat, Shimla, India.

**Human Age Classification System Using K-NN Classifier**

Springer Proceedings—Communications in Computer and Information Science (CCIS Series) (Scopus Indexed)

Edited Book: **Advanced Informatics for Computing Research (AICR); Third International Conference on Advanced Informatics for Computing Research (ICAICR 2019); CCIS Book Series, Volume: 1075**

Paper Publication Details:

**Human Age Classification System Using K-NN Classifier. pp: 294-311**

DOI: [https://link.springer.com/chapter/10.1007/978-981-15-0108-1\\_28](https://link.springer.com/chapter/10.1007/978-981-15-0108-1_28)

Print ISBN: 978-981-15-0107-4; Online ISBN: 978-981-15-0108-1

Online Link: [https://link.springer.com/chapter/10.1007/978-981-15-0108-1\\_28](https://link.springer.com/chapter/10.1007/978-981-15-0108-1_28)

(SCOPUS INDEXED)

8. 3<sup>rd</sup> International Conference on Data Management, Analytics and Innovation (ICDMAI-2019) being organized at Lincoln University College, Malaysia.

**Research Papers Presented:**

- **Empirical Study of Soft Clustering Technique for Determining Click Through Rate in Online Advertising.**
- **FacTex: A Practical Approach to Crime Detection**
- **Simulation-Based Performance Analysis of Location-Based Opportunistic Routing Protocols in Underwater Sensor Networks Having Communication Voids.**
- **Effective Classification and Handling of Incoming Data Packets in Mobile Ad Hoc Networks (MANETs) Using Random Forest Ensemble Technique (RF/ET).**

**Research Papers Published:**

Full Conference proceedings titled “Data Management, Analytics and Innovation”, Proceedings of ICDMAI 2019, Volume 1 and 2, under Springer Series – Advances in Intelligent Systems and Computing (AISC), Volume 1042, 1016 by Springer, Scopus Indexed.

**Details of Publications:**

Data Management, Analytics and Innovation. ICDMAI 2019, Volume 1, AISC-VOLUME 1042.

- **Empirical Study of Soft Clustering Technique for Determining Click Through Rate in Online Advertising. DOI: [https://doi.org/10.1007/978-981-32-9949-8\\_1](https://doi.org/10.1007/978-981-32-9949-8_1). pp: 3-14**  
[https://link.springer.com/chapter/10.1007%2F978-981-32-9949-8\\_1](https://link.springer.com/chapter/10.1007%2F978-981-32-9949-8_1)
- **Factex: A Practical Approach to Crime Detection. DOI: [https://doi.org/10.1007/978-981-32-9949-8\\_35](https://doi.org/10.1007/978-981-32-9949-8_35). pp: 503-516**  
[https://link.springer.com/chapter/10.1007%2F978-981-32-9949-8\\_35](https://link.springer.com/chapter/10.1007%2F978-981-32-9949-8_35)
- **Simulation-Based Performance Analysis of Location-Based Opportunistic Routing Protocols in Underwater Sensor Networks Having Communication Voids. [https://doi.org/10.1007/978-981-32-9949-8\\_49](https://doi.org/10.1007/978-981-32-9949-8_49). pp: 697-711.**  
[https://link.springer.com/chapter/10.1007%2F978-981-32-9949-8\\_49](https://link.springer.com/chapter/10.1007%2F978-981-32-9949-8_49)

Data Management, Analytics and Innovation. ICDMAI 2019, Volume 2, AISC- VOLUME 1016.

- **Effective Classification and Handling of Incoming Data Packets in Mobile Ad Hoc Networks (MANETs) Using Random Forest Ensemble Technique (RF/ET).** [https://doi.org/10.1007/978-981-13-9364-8\\_31](https://doi.org/10.1007/978-981-13-9364-8_31). pp: 431-444.

[https://link.springer.com/chapter/10.1007%2F978-981-13-9364-8\\_31](https://link.springer.com/chapter/10.1007%2F978-981-13-9364-8_31)

### **BEST PAPER AWARD**

**Effective Classification and Handling of Incoming Data Packets in Mobile Ad Hoc Networks (MANETs) Using Random Forest Ensemble Technique (RF/ET) under Track-IV- Advances in Network Technologies**

9. **First International Conference on Sustainable Technologies for Computational Intelligence (ICTSCI 2019) being organized at Sri Balaji College of Engineering and Technology, Jaipur, Rajasthan.**

**Research Paper presented:**

**The Internet of Drone Things (IoDT): Future Envision of Smart Drones**

**Research Paper Published:**

**Springer- Advances in Intelligent Systems and Computing (AISC) Volume 1045, First International Conference on Sustainable Technologies for Computational Intelligence (ICTSCI 2019)- SCOPUS Indexed. ISBN No: 978-981-15-0028-2; E-ISBN: 978-981-15-0029-9**

**The Internet of Drone Things (IoDT): Future Envision of Smart Drones**

[https://link.springer.com/chapter/10.1007/978-981-15-0029-9\\_45](https://link.springer.com/chapter/10.1007/978-981-15-0029-9_45).

DOI: [https://doi.org/10.1007/978-981-15-0029-9\\_45](https://doi.org/10.1007/978-981-15-0029-9_45). PP: 563-580

10. First International Conference on Computing, Communications, and Cyber Security (IC4S 2019) being organized at Northwest Group of Institutions, Punjab.

Research Paper Presented:

**Multilingual Opinion Mining Movie Recommendation System Using RNN  
Pneumonia Detection Using Convolutional Neural Networks (CNNs)**

Research Paper Published:

Springer- Lecture Notes in Networks and Systems (LNNS) Volume 121, First International Conference on Computing, Communications, and Cyber Security (IC4S 2019)- Softcover ISBN: 978-981-15-3368-6; Series ISSN: 2367-3370; Edition Number:1; eBook ISBN: 978-981-15-3369-3; Publisher: Springer Singapore

**Multilingual Opinion Mining Movie Recommendation System Using RNN**

[https://link.springer.com/chapter/10.1007%2F978-981-15-3369-3\\_44](https://link.springer.com/chapter/10.1007%2F978-981-15-3369-3_44)

DOI: [https://doi.org/10.1007/978-981-15-3369-3\\_44](https://doi.org/10.1007/978-981-15-3369-3_44); Pages: 589-605

**Pneumonia Detection Using Convolutional Neural Networks (CNNs)**

[https://link.springer.com/chapter/10.1007%2F978-981-15-3369-3\\_36](https://link.springer.com/chapter/10.1007%2F978-981-15-3369-3_36)

DOI: [https://doi.org/10.1007/978-981-15-3369-3\\_36](https://doi.org/10.1007/978-981-15-3369-3_36) Pages: 471- 483

11. Second International Conference on Information Management and Machine Intelligence (ICIMMI 2020) being Organized by Poornima University, Rajasthan, India

Research Paper Presented:

**Evaluation of Geotagging Twitter Data Using Sentiment Analysis During COVID-19**

Research Paper Published:

Springer- Lecture Notes in Networks and Systems book series (LNNS), Volume 166. Proceedings of the Second International Conference on Information Management and Machine Intelligence (ICIMMI 2020). DOI: <https://doi.org/10.1007/978-981-15-9689-6> . Print ISBN: 978-981-15-9688-9; Online ISBN: 978-981-15-9689-6; Series Online ISSN: 2367-3389; Print ISSN: 2367-3370.

**Evaluation of Geotagging Twitter Data Using Sentiment Analysis During COVID-19**

[https://link.springer.com/chapter/10.1007/978-981-15-9689-6\\_65](https://link.springer.com/chapter/10.1007/978-981-15-9689-6_65)

DOI: [https://doi.org/10.1007/978-981-15-9689-6\\_65](https://doi.org/10.1007/978-981-15-9689-6_65) pp: 601-608

## ACM (ACM Digital Library--SCOPUS INDEXED)

1. 2020 5<sup>th</sup> International Conference on Intelligent Information Technology (ICIIT 2020) being organized at Hanoi, Viet Nam. (<http://www.iciit.org>)

Research Paper Presented:

**Facial Emotion Detection to Assess Learners State of Mind in an Online Learning System**

**Fuzzy Logic based Hybrid Model for Automatic Extractive Text Summarization**

Research Paper Published:

ICIIT 2020: Proceedings of the 2020 5<sup>th</sup> International Conference on Intelligent Information Technology by Association for Computer Machinery, New York, USA. ISBN No: 978-1-4503-7659-4.  
<https://dl.acm.org/doi/proceedings/10.1145/3385209>;

- Facial Emotion Detection to Assess Learner's State of Mind in an Online Learning System. Pages: 107-115. DOI: <https://doi.org/10.1145/3385209.3385231> . February 2020. <https://dl.acm.org/doi/10.1145/3385209.3385231>
- Fuzzy Logic based Hybrid Model for Automatic Extractive Text Summarization. Pages: 7-15. DOI: <https://doi.org/10.1145/3385209.3385235> ; February 2020. <https://dl.acm.org/doi/abs/10.1145/3385209.3385235>

(Indexed in SCOPUS, ACM Digital Library, ISI-Web of Science, Ei Compendex)

Best Paper Award:

**Best Paper Award's:**

- **Facial Emotion Detection to Access Learner's State of Mind in an Online Learning System**
- **Fuzzy Logic based Hybrid Model for Automatic Extractive Text Summarization**



2. 2<sup>nd</sup> International Conference on Intelligent and Innovative Computing Applications (ICONIC 2020) being organized in Mauritius. (<https://mauricon.org/>)

**Research Papers Presented:**

- **Scene Detection and Recognition by Analysing Deep Features Using PlacesCNN**
- **Modified Grasshopper Optimisation Algorithm**

**Research Papers Published:**

ICONIC '20: Proceedings of the 2<sup>nd</sup> International Conference on Intelligent and Innovative Computing Applications. September 2020. ISBN: 978-1-4503-7558-0. <https://dl.acm.org/doi/proceedings/10.1145/3415088>

- Scene detection and recognition by analysing deep features using PlacesCNN

DOI: <https://doi.org/10.1145/3415088.3415091>;

<https://dl.acm.org/doi/abs/10.1145/3415088.3415091> Pages: 1-8

- **Modified Grasshopper Optimisation Algorithm. DOI:**

<https://doi.org/10.1145/3415088.3415092>.

<https://dl.acm.org/doi/abs/10.1145/3415088.3415092> Pages: 1-7

## **(Journals Publications)**

### **National Journals**

- *Securing Wireless Bluetooth Sensor Systems: Journal of Computer Applications (JCA)*, Journal by KSR College of Engineering, Thiruchengode. January-March 2011, Volume IV Issue No: 1, ISSN No: 0974-1925. Pg. 4-7.
- *Evaluation of Agile Software Methodologies Techniques: Latest IT Trends in Agile Practices*, Journal by PCMSD College for Women, Jalandhar. ISBN No: 978-9383-084029. Pg. 13-17.

## International Journals

### (General Publications)

Total Publications: 53

1. ***Private Virtual Infrastructure (PVI) Model for Cloud Computing***: International Journal of Software Engineering Research & Practices (IJSERP), Journal by RG Education Society, Rohtak. Vol.1 Issue 1, Jan 2011). pp. 11-14. E-ISSN: 2231-0320; Print-ISSN: 2231-2048.
2. ***Interoperability of Cloud Computing with Web Services***: International Journal for Electro Computational World Knowledge Interface (IJECWKI). Vol 1, Issue 1, September 2011. pp-36-43 ISSN NO: (Online: 2249-5428); ISSN No: (Print: 2249-541x)
3. ***Intrusion Detection System for Pervasive Computing Environments***: International Journal of Computer Science and Technology (IJCST). Vol2, Issue 3-Version-2, September 2011. pp-217-221. ISSN NO: (Online: 0976-8491); ISSN No: (Print: 2229-4333)
4. ***Integrated Security Solution for Moving Object Tracking System***: International Journal of Engineering Sciences (IJOES). Vol 5, Issue: Dec 2011. pp. 1-11 ISSN No: (Print & Online: 2229-6913).
5. ***Improved Lifespan and Attenuation Free Network Coverage of Wireless Passive Sensor Networks (WPSN)***: IMS Manthan-Journal of Innovations. Vol 6, Issue 2 December 2011. ISSN No (Print: 0974-7141; Online: 0976-1713). pp. 107-110.
6. ***Cross Layer System for Cluster Based Data Access in MANET'S***: International Journal of Computer Science and Informatics (IJCSI) - InterScience Open Access Journals. Vol 2, Issue 1, 2 (Special Issue). ISSN No: (Print: 2231-5292). pp. 15-20.
7. ***Grid Based Agnostic Middleware for Enhancing Intrusion Detection Systems in Ad Hoc Networks***: Journal of Current Engineering Research (JSER). Vol 2, Issue 1, Jan-Feb 2012. (Online Journal). ISSN No: 2250-2637.
8. ***Security Issues & Challenges in Wireless Sensor Networks***: Journal of Current Engineering Research (JSER). Vol 2, Issue 1, Jan-Feb 2012. (Online Journal). ISSN No: 2250-2637.

9. ***Detecting Sequence Number Collector Problem in Black Hole Attacks in AODV Based Mobile Adhoc Networks***: International Journal of Advanced Research in Computer Engineering & Technology (IJARCET). Volume 1, No: 4. Pg No: 525-529. ISSN No: 2278-1323. (Online Journal)
10. ***Analysis of BABEL and PUMA Protocols for Mobile Adhoc Networks (MANETS)***: International Journal of Management, IT and Engineering (IJMIE). Volume 2, Issue 10, October 2012. Pg. No: 243-257. ISSN No: 2249-0558.
11. ***Sinkhole Attack: A security issue in Wireless Sensor Networks***: International Journal of Management, IT and Engineering (IJMIE). Volume 2, Issue 10, October 2012. Pg. No: 274-282. ISSN No: 2249-0558.
12. ***Reducing Network Consumption Energy in Wireless Sensor Network via Optimized Query Processing***: Journal of Current Engineering Research (JSER). Volume 2, Issue 5, September-October 2012. Pg. No: 1-5. ISSN No: 2250-2637.
13. ***One-time Identification in Wireless Networks via EAP (Extensible Authentication Protocol)***: International Journal of Computer Applications (IJCA) - RS Publications. Issue 2, Volume 5, October 2012. Pg. No: 170-177. ISSN No: 2250-1797.
14. ***Transmission Redundancy Elimination in MANETs for Effective Broadcasting***: International Journal of Computer Applications & Information Technology (IJCAIT). Issue 3 Vol 1, November 2012. Pg. No: 21-25. ISSN No: 2278-7720.
15. ***Trust Based Selective Forwarding Attacks Using Channel Aware Approach in Wireless Mesh Networks***: Journal of Information & Computer Science (JIC), World Academic Press, World Academic Union, England, U.K. Vol. 7, No. 4, Pg. No: 296-302. ISSN No: 1746-7659.
16. ***Integrated Gateway Node (IGN) Routing Protocol in WSN (Wireless Sensor Network)***: IMS Manthan-Journal of Innovations. Vol. VII., Issue 2 December 2012. ISSN No (Print: 0974-7141; Online: 0976-1713). Pg. No. 87-92.
17. ***Optimizing Energy Efficiency in Wireless Sensor Networks (WSN) via Parallel Concentric Circle using Rotated Itinerary Structure Based KNN (PCIKNN) Query Processing Technique***: International Journal of Engineering Sciences & Research Technology (IJESRT). Vol 2, Issue 2 February 2013. ISSN No (Online: 2277-9655). Pg No. 763-767.

18. ***Review of various PTS (Partial Transmit Sequence) Techniques of PAPR (Peak-to-Average Power Ratio) reduction in MIMO-OFD***: International Journal of Innovative Technology and Exploring Engineering (IJITEE). Vol-2 Issue-4, March 2013. ISSN No (Online-2278-3075). Pg. No. 199-202. *Impact Factor: 1.0*
19. ***Conceptual Representation and Survey of Dynamic Power Management (DPM) in Wireless Sensor Networks***: International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Vol-3 Issue 3, March 2013. ISSN No: (Online + Print): 2277 128X. Pg. No. 165-169.
20. ***Analytical Study of Time Synchronization Protocols for Wireless Sensor Networks***: International Journal of Computer Trends and Technology (IJCTT) Vol-4 Issue 3 March 2013. ISSN No: 2231-2803. Pg. No. 367-371.
21. ***Review of Expert Systems Based on Fuzzy Logic***: International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Vol-2 Issue-3 March 2013. ISSN No: 2319-5940(Print), 2278-1021 (Online). Pg. No. 1334-1339.
22. ***A Review Paper on Algorithms Used for Text Classification***: International Journal of Application or Innovation in Engineering & Management (IJAIEEM) Vol-2 Issue-3 March 2013. ISSN No: 2319-4847. Pg. No. 90-99.
23. ***Enhanced Anomaly Detection IDS-Based Scheme for Dynamic MANET on-Demand (DYMO) Routing for MANETS***: International Journal of Computer Science and Mobile Computing (IJCSMC) Vol.2, Issue 4, April 2013. ISSN No: 2320-088X. Pg. No. 384-390.
24. ***Fuzzy Logic Based Expert System for Diagnosing Diabetes: A Review***: International Journal of Electronics, Communication and Instrumentation Engineering Research and Development (IJECIERD) Vol. 3, Issue 3, Aug 2013. ISSN No: 2249-684X. Pg. No. 25-34.
25. ***Complete Scenario of Routing Protocols, Security Leaks and Attacks in MANETS***: International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Vol. 3, Issue 10, October 2013. ISSN No: 2277-128X.
26. ***A Comprehensive Review of Mobile Adhoc Networks (MANETS)***: International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Vol 2, Issue 6, Nov-Dec 2013 pp. 196-210. ISSN No. 2278-6856.

27. *A Comprehensive Review of Cluster-Based Energy Efficient Routing Protocols in Wireless Sensor Networks*: International Journal of Research in Computer and Communication Technology (IJRCCT) Vol 3, No. 1 January 2014 pp. 104-110. ISSN No (O): 2278-5841 (P): 2320-5156.
28. *A Survey on Coverage and Connectivity Issues Surrounding Wireless Sensor Networks*: International Journal of Research in Computer and Communication Technology (IJRCCT) Vol. 3, No. 1 January 2014 pp. 111-118. ISSN No (O): 2278-5841 (P): 2320-5156.
29. *A Comprehensive Review of Cluster Based Energy Efficient Routing Protocols for Wireless Sensor Networks*: International Journal of Application or Innovation in Engineering & Management (IJAIEM) Vol. 3, Issue 1, January 2014 pp. 441-453. ISSN No (O): 2319-4847.
30. *Distributed Adaptive Sleep Scheduling Algorithm for Enhancing Energy Efficiency in Wireless Sensor Networks Based on L-PEDAP Protocol*: International Journal of Computer Communications and Networks (IJCCN) Vol. 4. Issue 1, February 2014. ISSN 2289-3369.
31. *A Review of Jelly Fish Attack in Mobile Adhoc Networks*: International Journal of Computer Science and Mobile Computing (IJCSMC) Vol. 3. Issue 4, April 2014. pp. 199-203 ISSN: 2320-088X.
32. *A Comprehensive Review of Distance and Density Based Cluster Head Selection Schemes*: International Journal of Computer Science and Mobile Computing (IJCSMC) Vol. 3. Issue 4, April 2014. pp. 204-211 ISSN: 2320-088X.
33. *Mint-Route to Avoid Congestion in Wireless Sensor Networks*: International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Vol. 3, Issue 2, March-April 2014. pp. 91-94. ISSN No. 2278-6856.
34. *Review of Routing Techniques Driving Wireless Sensor Networks*: International Journal of Computer Science and Mobile Computing (IJCSMC) Vol. 3. Issue 5, May 2014. pp. 112-122 ISSN: 2320-088X.
35. *Approaches for Combating Delay and Achieving Optimal Path Efficiency in Wireless Sensor Networks*: International Journal of Computer Science and Mobile Computing (IJCSMC) Vol. 3. Issue 5, May 2014. pp. 105-111 ISSN: 2320-088X.

36. *Performance Comparison of Distance and Density Based Clustering Algorithm (DDCSA) V/s Normal Technique to Analyze Power Consumption and Network Lifetime of Wireless Sensor Networks*: Inpressco International Journal of Current Engineering and Technology (IJCET) Vol. 4 No.3 June 2014. pp. 1503-1507. DOI: <http://Dx.Doi.Org/10.14741/Ijcet/2014.4.3.64> ISSN: 2277-4106 (Online) 2347-5161 (Print)
37. *A Survey of Wireless Sensor Network Routing Protocols Based on SPIN*: CIRWORLD (Council of Innovative Research): International Journal of Computers and Technology (IJCT). Vol. 13 No.6, pp. 4583-4592. ISSN No: 2277-3061.
38. *Energy Efficient Routing Protocols for Wireless Sensor Networks (WSNs) Based on Clustering*: International Journal of Scientific and Engineering Research (IJSER). Vol 5, Issue 6, pp. 440-448. ISSN No: 2229-5518.
39. *Combating Congestion Problem in Wireless Sensor Network using Combined Dominating Set Technique*: International Journal of Advance Research in Computer Science and Management Studies (IJARCSMS). Vol 2. Issue 8, pp. 120-128. ISSN No (Online): 2321-7782, (Print): 2347-1778.
40. *Improved Energy Efficiency and Reduced Delay using Self Knowledge with SCHP in Wireless Sensor Networks*: International Journal of Advance Research in Computer Science and Management Studies (IJARCSMS). Vol 2. Issue 8, pp. 138-142. ISSN No (Online): 2321-7782, (Print): 2347-1778.
41. *Simulation of Jelly Fish Periodic Attack in Mobile Adhoc Networks*: International Journal of Computer Trends and Technology (IJCTT) Vol. 15 No. 1 September 2014. E-ISSN: 2231-2803; P-ISSN: 2349-0829. pp: 20-22. DOI: 10.144445/22312803/IJCTT-V15P104.
42. *Security and Privacy Issues in Internet of Things (IoT)*: Researchscripts-International Journal of Research in Computer Science (IJRCS), Vol. 2, Issue 4, Year 2015, ISSN No: 2349-3828, pp: 18-22
43. *A Comprehensive Review of Simulation Tools for Wireless Sensor Networks*: Scientific and Academic Publishing: Journal of Wireless Networking and Communications (JWNC), Volume 5 (1), June 2015. Pp. 19-47. E-ISSN: 2167-7328, p-ISSN: 2167-7328. DOI: 10.5923/j.jwnc.20150501.03

44. *Raspberry Pi- A Small Powerful, Cost Effective and Efficient Form Factor Computer: A Review*: International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol 5, Issue 12, December 2015. ISSN No: 2277-128X.
45. *A Review of Intel Galileo Development Board's Technology*: International Journal of Engineering Research and Applications (IJERA), Vol.6, Issue 3, March 2016. ISSN No: 2248-9622, pp: 34-39
46. *An Encyclopaedia Coverage of Compiler's, Programmers & Simulators for 8051, PIC, AVR, ARM, Arduino Embedded Technology*: IAES International Journal of Reconfigurable and Embedded Systems (IJRES), Vol 5, No:1, March 2016. ISSN No: 2089-4864.
47. *Data Glove: Internet of Things (IoT) Based Smart Wearable Gadget*: British Journal of Mathematics and Computer Science (BJMCS), Article No: BJMCS.24854, Vol. 15, Issue 5, April 2016. ISSN NO: 2231-0851.
48. *A Comprehensive Review of Semiconductor-Type Gas Sensors for Environmental Monitoring*: PakInsight- Review of Computer Engineering Research. DOI: 10.18488/Journal.76/2016.3.3/76.3.55.64. Vol 3, No.3, November 2016. ISSN No: (Online)-2410-9142, 2412-4281(Print).
49. *Internet of Nano Things (IoNT): Next Evolutionary Step in Nanotechnology*: Scientific and Academic Publishing (SAPUB): Nanoscience and Nanotechnology. Vol 7, Issue 1. DOI: 10.5923/j.nn.20170701.02. January 2017. ISSN No (Online): 2163-2588, (Print): 2163-257X. pp 4-8.
50. *Simulation and Performance Comparison of Ant Colony Optimization (ACO) Routing Protocol with AODV, DSDV, DSR Routing Protocols of Wireless Sensor Networks using NS-2 Simulator*. American Journal of Intelligent Systems (AJIS), Vol. 7, Number 1, 2017 pp. 19-30. DOI: 10.5923/j.ajis.20170701.02. ISSN No (Online): 2165-8994, (Print): 2165-8978.
51. *Performance Analysis of ACO Based Routing Protocols- EMCBR, AntChain, IACR, ACO-EAMRA for Wireless Sensor Networks (WSNs)*. British Journal of Mathematics and Computer Science (BJMCS), Vol. 20, Issue 6, 2017 pp. 1-18. DOI: 10.9734/BJMCS/2017/32215. ISSN No: 2231-0851.
52. *Comprehensive Analysis & Performance Comparison of Clustering Algorithms for Big Data*. Review of Computer Engineering Research (RCER), Vol.4, No. 2, 2017. pp: 54-80. DOI: 10.18488/journal.76.2017.42.54.80. ISSN No: (Print)-2412, (Online)- 2410-9142.



- 53. *A Path Routing Algorithm for Moving Physical Bodies using Genetic Algorithm and Physics Engine.* Journal of Asian Urban Environment, Special Issue-AIUE2018: Building the Smart and Resilient City: 15th international conference of Asia Institute of Urban environment. ISSN No: 2189-7972. pp:301-308**

**International Journals**  
**(SCOPUS / Web of Science / Thomson Reuters Indexed)**

**Total: 23**

1. *A Comprehensive Review of Ant Colony Optimization (ACO) based Energy-Efficient Routing Protocols for Wireless Sensor Networks*: IGI Global: International Journal of Wireless Networks and Broadband Technologies (IJWNBT), Vol.3, Issue 3, July-September 2014. Pp: 33-55. E-ISSN: 2155-627X, P-ISSN: 2155-6261. DOI: 10.4018/ijwnbt.2014070103. (Scopus Indexed)
2. *Ant Colony Optimization (ACO) based Routing Protocols for Wireless Sensor Networks (WSN): A Survey*. International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 8, No:2, March 2017 pp. 148-155. DOI: 10.14569/IJACSA.2017.080220. ISSN No (Online): 2156-5570; Print: 2158-107X. (Indexed in Thomson Reuters)
3. *Valuation Errors and Initial Price Efficiency of NSE Listed IPOs*. Indian Journal of Finance (IJF), Vol 11, Issue 8, August 2017 pp. 50-61. DOI: 10.17010/ijf/2017/v11i8/117592. ISSN No: 0973-8711. (Scopus Indexed-Q3, SJR: 0.71)
4. *Agriculture Drones: A Modern Breakthrough in Precision Agriculture*. Taylor & Francis Group- Journal of Statistics & Management Systems. Vol. 20, Issue 4. pp: 507-518. DOI: <https://doi.org/10.1080/09720510.2017.1395171>. ISSN No: (Print)- 0972-0510, (Online)-2169-0014. (Web of Science)
5. *Comprehensive Review of Beaglebone Technology: Smart Board Powered by ARM*. International Journal of Smart Home- Scopus Indexed Journal: A Vol 10, No. 4 (2016), pp.95-108. DOI: <http://dx.doi.org/10.14257/ijsh.2016.10.4.10>
6. *A Comprehensive Analysis of Goods and Services Tax in India*. Indian Journal of Finance (IJF). Vol. 12, Issue 2, February 2018. pp. 57-71. DOI: 10.17010/ijf/2018/v12i2/121377. ISSN No: 0973-8711. (Scopus Indexed-Q3, SJR: 0.71)
7. *Virtual Reality (VR) & Augmented Reality (AR) Technologies for Tourism and Hospitality Industry*. International Journal of Engineering & Technology (IJET) UAE. Vol. 7, Issue: 2.21, April 2018. pp. 156-160. E-ISSN: 2227-524X. (Scopus Indexed-Q4, SJR: 0.71)

8. ***Opportunistic Networks: A Present Scenario- A Mirror Review.*** International Journal of Communication Networks and Information Security (IJCNIS). Vol. 10, No:1, April 2018. pp. 223-241. ISSN No: 2076-0930 (Print); 2073-607x. (Scopus Indexed- Q3, SJR-0.23)
9. ***Implementation of the WTO Agreement on Customs Valuation in Vietnam: Trade Integration and Local Compliance at Da Nang Port.*** Indian Journal of Finance (IJF). Vol 12, Issue 7, July 2018. pp: 42-56. Doi: DOI: <http://dx.doi.org/10.17010/ijf%2F2018%2Fv12i7%2F129970> ISSN No: 0973-8711. (Scopus Indexed-Q3, SJR: 0.71)
10. ***Study on Impact of socioeconomic makeup of Facebook users on purchasing behavior.*** Revista Espacios. Vol. 39, Number 33, Year 2018. pp.28 (Scopus Indexed) ISSN No: 0798-1015. (Scopus Indexed. Q3, SJR-0.14)
11. ***Machine Learning from Theory to Algorithms: An Overview.*** Journal of Physics: Conference Series. Volume 1142. November 2018. pp. 012012. DOI: <https://doi.org/10.1088/1742-6596/1142/1/012012>. ISSN No: (Online): 1742-6596; (Print): 1742-6588. (Scopus Indexed, Q3, SJR: 0.24)  
  
<http://iopscience.iop.org/article/10.1088/1742-6596/1142/1/012012>
12. ***Simulation based Performance Comparison & Analysis regarding Static and Mobile Throwboxes impact on Network Performance in Delay Tolerant Networks (DTNs) using ONE Simulator.*** Journal of Physics: Conference Series. Volume 1142. November 2018. pp. 012015. DOI: <https://doi.org/10.1088/1742-6596/1142/1/012015>. ISSN No: (Online): 1742-6596; (Print): 1742-6588. (Scopus Indexed, Q3, SJR: 0.24)  
  
<http://iopscience.iop.org/article/10.1088/1742-6596/1142/1/012015>
13. ***A Study of Antecedents of Customer loyalty in banking & insurance sector and their impact on business performance.*** Revista Espacios. Vol. 40, Number 6, Year 2019. pp.11. ISSN No: 0798-1015. (Scopus Indexed. Q3, SJR-0.14)
14. ***Data Placement in Era of Cloud Computing: A Survey, Taxonomy and Open Research Issues.*** Scalable Computing: Practice and Experience. Vol. 20, No: 2, May 2019. pp. 377-398. ISSN No: 1898-1767. (Scopus & ESCI Indexed. Q3, SJR-0.18) DOI: <https://doi.org/10.12694/scpe.v20i2.1530>

15. *Research on Auto-Scaling of Web Applications in Cloud: Survey, Taxonomy and Open Research Issues*. Scalable Computing: Practice and Experience. Vol. 20, No: 2, May 2019. pp. 399-432. ISSN No: 1898-1767. (Scopus & ESCI Indexed. Q3, SJR-0.18) DOI: <https://doi.org/10.12694/scpe.v20i2.1530>
16. *Dynamic Task Scheduling using Balanced VM Allocation Policy for Fog Computing Platforms*. Scalable Computing: Practice and Experience. Vol. 20, No: 2, May 2019. pp. 433-456. ISSN No: 1898-1767. (Scopus & ESCI Indexed. Q3, SJR-0.18) DOI: <https://doi.org/10.12694/scpe.v20i2.1538>
17. *A Conceptual Analysis of Internet banking users' perceptions: An Indian Perspective*. Revista Espacious. Vol. 40, Number 14, Year 2019. pp.1. ISSN No: 0798-1015. (Scopus Indexed. Q3, SJR-0.14)
18. *Effect of Multiple-Agent Deployment in MANET. Recent Patents on Computer Science*. Volume 12, Number 3, Year 2019. pp.180-190(11). ISSN No: 2213-2759 (Print). (Scopus Indexed. Q4, SJR-0.12) DOI: <https://doi.org/10.2174/2213275911666180829104117>
19. *Home Energy Management System (HEMS): concept, architecture, infrastructure, challenges and energy management schemes*. Energy Systems. November 2019. pp.1-27. Print ISSN: 1868-3967; Online ISN: 1868-3975. DOI: <https://doi.org/10.1007/s12667-019-00364-w> (SCOPUS, ESCI INDEXED. Q2. SJR-0.46)
20. *Hyperbolic Spider Monkey Optimization*. Recent Advances in Computer Science and Communications; *Formerly Recent Patents on Computer Science*. March 2020. Volume 13, Issue 1. pp: 35-42. Print ISSN: 2666-2558; Online ISSN: 2666-2566. DOI: <https://doi.org/10.2174/2213275912666181207155334> (Scopus Indexed, Q3, SJR: 0.17)
21. *Blockchain and Fog Based Architecture for Internet of Everything in Smart Cities*: Future Internet- MDPI. March 2020, Volume 12, Issue 4. pp: 61. ISSN: 1999-5903. DOI: <https://doi.org/10.3390/fi12040061> (Scopus Indexed, Q3, SJR: 0.24, ESCI Indexed, Web of Science)—**Corresponding Author**
22. *Classification of wheat seeds using image processing and fuzzy clustered random forest*. International Journal of Agricultural Resources, Governance and Ecology. Volume 16, Issue 2. pp: 123-156. Print ISSN: 1462-4605. Online ISSN: 1741-5004. DOI: <https://doi.org/10.1504/IJARGE.2020.109048> (Scopus Indexed, Q3, SJR: 0.25)

**23. *A novel homomorphic RASD framework for secured data access and storage in cloud computing.*** Open Computer Science. Volume 10, Issue No:1. pp:431-443. Online ISSN: 2299-1093. DOI: <https://doi.org/10.1515/comp-2020-0206> (SCOPUS Indexed, Q3, SJR: 0.189, SNIP: 0.963)

**International Journals**  
**(SCI/SCIE/SSCI Indexed)**

**SCI Indexed**

**Total: 9**

1. *FDTD approach to photonic based angular waveguide for wide range of sensing application.* OPTIK. Volume 176, January 2019. pp.56-59. DOI: <https://doi.org/10.1016/j.ijleo.2018.09.055>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
2. *L-Shape Si-waveguide for THz-communication.* OPTIK. Volume 178, February 2019. pp.509-512. DOI: <https://doi.org/10.1016/j.ijleo.2018.09.157>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
3. *Metamaterial based Photonic Structure: An alternate high-performance antireflection coating for solar cell.* OPTIK. Volume 179, February 2019. pp.740-743. DOI: <https://doi.org/10.1016/j.ijleo.2018.10.216>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
4. *Realization of absorber, reflector and transmitter using single photonic structure.* OPTIK. Volume 180, February 2019. pp.962-966. DOI: <https://doi.org/10.1016/j.ijleo.2018.11.122>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
5. *Generation of ultra violet signal from visible light using Photonic crystal fiber: A Realization of PCF based UV torch.* OPTIK. Volume 180, February 2019. pp.913-916. DOI: <https://doi.org/10.1016/j.ijleo.2018.11.150>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
6. *Studies on Coupling of optical power to graphene based nano waveguide at 1550 nm for application in photonic integrated circuit.* Volume-185, May 2019. pp.636-642. DOI: <https://doi.org/10.1016/j.ijleo.2019.03.137>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
7. *Prediction of Optical specifications through ANN Model to design a monochromatic optical filter for all three optical windows.* Volume 198, December 2019. pp.1633-14. DOI: <https://doi.org/10.1016/j.ijleo.2019.163314>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier

8. *Investigation of active pharmaceutical ingredients using photonic structure through regression analysis*. Volume 201, January 2020. pp.163456. DOI: <https://doi.org/10.1016/j.jjleo.2019.163456>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier
9. *Disseminating of Bio-Info with respect to different photonic crystal structure through AWS*. Volume 202, February 2020. pp.163590. DOI: <https://doi.org/10.1016/j.jjleo.2019.163590>. ISSN No: 0030-4026. (Q2-SCI INDEXED) Impact Factor: 2.187. Publisher: Elsevier

## SCIE/SSCI Indexed

**Total: 54**

1. *APD-JFAD: Accurate Prevention and Detection of Jelly Fish Attack in MANET*. IEEE Access. Volume 6. Year 2018. pp. 56954-56965. e-ISSN No: 2169-3536. DOI: [10.1109/ACCESS.2018.2868544](https://doi.org/10.1109/ACCESS.2018.2868544) (Q1-SCIE INDEXED) Impact Factor: 3.745. Publisher: IEEE
2. *Fog Computing: from architecture to edge computing and big data processing*. The Journal of Super Computing. DOI: <https://doi.org/10.1007/s11227-018-2701-2>. Vol 75, Issue 4. Year 2019. pp: 2070-2105. ISSN No (Print): 0920-8542, (Online): 1573-0484. (Q2-SCIE INDEXED) Impact Factor: 2.469. Publisher: Springer
3. *Sarcasm Detection using Soft Attention-Based Bidirectional Long Short-Term Memory Model with Convolution Network*. IEEE Access. Volume 7. Year 2019. pp. 23319-23328. e-ISSN No: 2169-3536. DOI: [10.1109/ACCESS.2019.2899260](https://doi.org/10.1109/ACCESS.2019.2899260) (Q1-SCIE INDEXED) Impact Factor: 3.745. Publisher: IEEE
4. *Rumour veracity detection on twitter using Particle Swarm Optimization shallow classifiers*. Multimedia Tools and Applications. Vol.17, Issue 17, pp: 24083-24101, Year March 2019. Print ISSN:1380-7501; Online ISSN: 1573-7721. DOI: <https://doi.org/10.1007/s11042-019-7398-6> (Q1-SCIE INDEXED) Impact Factor: 2.313. Publisher: Springer
5. *IEEMARP- a novel energy efficient multipath routing protocol based on ant colony optimization (ACO) for dynamic sensor networks*. Multimedia Tools and Applications. Volume 79. Year 2020. pp: 35221-35252 Print ISSN:1380-7501; Online ISSN: 1573-7721. DOI: <https://doi.org/10.1007/s11042-019-7627-z> (Q1-SCIE INDEXED) Impact Factor: 2.313. Publisher: Springer (Corresponding Author)
6. *Convolutional neural network based early fire detection*. Multimedia Tools and Applications. Volume 79, Year June 2019, pp: 9083-9099. Print ISSN:1380-7501; Online ISSN: 1573-7721. DOI: <https://doi.org/10.1007/s11042-019-07785-w> (Q1-SCIE INDEXED) Impact Factor: 2.313. Publisher: Springer



7. *An Optimization Model for Software Quality Prediction with Case Study Analysis using MATLAB*. IEEE Access. Volume 7. Issue 1. pp:85123-85138  
Print ISSN: 2169-3536; Online ISSN: 2169-3536. DOI: 10.1109/ACCESS.2019.2920879 (Q1-SCIE INDEXED) Impact Factor: 3.745. Publisher: IEEE (Corresponding Author)
8. *A Novel Deep-Learning-Based Bug Severity Classification Techniques using Convolutional Neural Networks and Random Forest with Boosting*. MDPI-Sensors. Vol.19, Issue 13. DOI: <https://doi.org/10.3390/s19132964>. ISSN No: 1424-8220. pp-1-22. (Q1-SCIE INDEXED) Impact Factor: 3.275. Publisher: MDPI (Open Access Paper).
9. *Authentication Protocol for Cloud Databases Using Blockchain Mechanism*. MDPI- Sensors. Vol.19, Issue 20. DOI: <https://doi.org/10.3390/s191204444>. ISSN No: 1424-8220. pp-1-22. (Q1-SCIE INDEXED) Impact Factor: 3.275. Publisher: MDPI (Open Access Paper) (Corresponding Author)
10. *A New Model for Predicting Component Based Software Reliability Using Soft Computing*. IEEE Access. October 2019. Volume 7. pp: 147191-147203. Print ISSN: 2169-3536; Online ISSN: 2169-3536. DOI: 10.1109/ACCESS.2019.2946862 (Q1-SCIE INDEXED) Impact Factor: 3.745. Publisher: IEEE
11. *Soft-Computing-based false alarm reduction for hierarchical data of intrusion detection system*. International Journal of Distributed Sensor Networks (IJDSN). Online ISSN: 1550-1477. October 2019. Volume 15, Issue No:10. DOI: <https://doi.org/10.1177/1550147719883132> (Q2-SCIE INDEXED) Impact Factor: 1.151. Publisher: Sage Publications
12. *Efficiency analysis for stochastic dynamic facility layout problem using meta-heuristic data envelopment analysis and machine learning*. Computational Intelligence: An International Journal. Online ISSN:1467-8640 November 2019. Volume 36. Issue :1. pp:172-202. DOI: <https://doi.org/10.1111/coin.12251> (Q1-SCIE INDEXED) Impact Factor: 1.196. Publisher: Wiley
13. *A Modified Step-Up Converter with Small Signal Analysis-Based Controller for Renewable Resource Applications*. MDPI- Applied Sciences. Online ISSN: 2076-3417) December 2019. Volume 10, Issue: 1. DOI: <https://doi.org/10.3390/app10010102> (Q2-SCIE INDEXED) Impact Factor: 2.474 Publisher: MDPI

14. *SDN-based real-time urban traffic analysis in VANET environment*. Computer Communications. January 2020. Volume 149. pp: 162-175. ISSN: 0140-3664. DOI: <https://doi.org/10.1016/j.comcom.2019.10.011> (Q1-SCIE INDEXED) Impact Factor: 2.816. Publisher: ELSEVIER
15. *A Novel heuristic simulation-optimization method for critical infrastructure in smart transportation system*. International Journal of Communication Systems (IJCS). Volume 33, Issue 11, July 2020. ISSN: 1099-1131. DOI: <https://doi.org/10.1002/dac.4397> (Q2-SCIE INDEXED) Impact Factor: 1.319 Publisher: Wiley
16. *Enhancement of Security and Handling of IoT Inconspicuousness in using a Simple Size Extensible Blockchain*. MDPI Energies. Volume 13, Issue 7, pp: 1795. ISSN: 1966-1073. DOI: <https://doi.org/10.3390/en13071795> (Q1-SCIE INDEXED) Impact Factor: 2.702 Publisher: MDPI
17. *Advancing Modern Healthcare with Nanotechnology, Nanobiosensors, and Internet of Nano Things: Taxonomies, Applications, Architecture, and Challenges*. IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.2984269. pp: 65230-65266. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
18. *Game theoretical approach for load balancing using SGMLB model in Cloud Environment*. PLOS ONE. Volume 15, Issue 4. DOI: <https://doi.org/10.1371/journal.pone.0231708>. pp: 0231708. ISSN: 1932-6203. (Q1-SCIE INDEXED) Impact Factor: 2.740 Publisher: PLOS ONE
19. *Smart traffic monitoring system using Unmanned Aerial Vehicles (UAVs)*. Computer Communications. Volume 157. DOI: <https://doi.org/10.1016/j.comcom.2020.04.049>. pp: 434-443. May 2020 (Q1-SCIE INDEXED) Impact Factor: 2.816. Publisher: ELSEVIER
20. *Proficient QoS-Based Target Coverage Problem in Wireless Sensor Networks*. IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.2986493. pp: 74315-74325. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
21. *Lightweight Proof of Game (LPoG): A Proof of Work (PoW)'s Extended Lightweight Consensus Algorithm for Wearable Kidneys*. MDPI Sensors. Volume 20, Issue 10. DOI: <https://doi.org/10.3390/s20102868>. pp:2868. May 2020. ISSN: 1424-8220. (Q1-SCIE INDEXED) Impact Factor: 3.275 Publisher: MDPI

22. *A Novel Simulated-Annealing Based Electric Bus System Design, Simulation, and Analysis for Dehradun Smart City*. IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.2990190. December 2020. pp: 89395-89424. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
23. *BOLD: Bio-Inspired Optimized Leader Election for Multiple Drones*. MDPI Sensors. Volume 20, Issue 11. DOI: <https://doi.org/10.3390/s20113134> pp:3134. June 2020. ISSN: 1424-8220. (Q1-SCIE INDEXED) Impact Factor: 3.275 Publisher: MDPI
24. *Improved Handwritten Digit Recognition Using Convolutional Neural Networks (CNN)*. Volume 20, Issue 12. DOI: <https://doi.org/10.3390/s20123344> pp:3344. June 2020. ISSN: 1424-8220. (Q1-SCIE INDEXED) Impact Factor: 3.275 Publisher: MDPI
25. *Brain-Computer Interface-Based Humanoid Control: A Review*. Volume 20, Issue 13. DOI: <https://doi.org/10.3390/s20133620>. June 2020. ISSN: 1424-8220. (Q1-SCIE INDEXED) Impact Factor: 3.275 Publisher: MDPI
26. *A Novel Smart Healthcare Design, Simulation, and Implementation Using Healthcare 4.0 Processes*. IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3004790. July 2020. pp: 118433-118471. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
27. *A Three-Step Authentication Model for Mobile Phone User Using Keystroke Dynamics*. IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3008019. July 2020. pp: 125909-125922. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
28. *Supervised Link Prediction using structured-based feature extraction in Social Network*. Concurrency and Computation: Practise and Experience. June 2020. DOI: 10.1002/cpe.5839. e-ISSN: 1532-0634. (Q2-SCIE INDEXED) Impact Factor: 1.447 Publisher: Wiley
29. *Leveraging energy-efficient load balancing algorithms in Fog Computing*. Concurrency and Computation: Practise and Experience. DOI: 10.1002/cpe.5913. e-ISSN: 1532-0634. (Q2-SCIE INDEXED) Impact Factor: 1.447 Publisher: Wiley
30. *Towards Pattern-Based change Verification Framework for Cloud-Enabled Healthcare Component Based*. IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3014671. August 2020. pp: 148007-148020. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE

31. *NLFTT: A Novel Fault Tolerance Model Using Artificial Intelligence to Improve Performance in Wireless Sensor Networks.* IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3015985. August 2020. pp: 149231-149254. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
32. *Design and Implementation of Improved Three Port Converter and B4-Inverter Fed Brushless Direct Current Motor Drive System for Industrial Applications.* IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3016011. August 2020. pp: 149093-149112. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
33. *Modified Cascade Controller Design for Unstable Processes with Large Dead Time.* IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3019027. September 2020. pp: 157022-157036. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
34. *Test Suite Generation for Object Oriented Programs: A Hybrid Firefly and Differential Evolution Approach.* IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3026911. September 2020. pp: 179167-179188. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
35. *TINB: a topical interaction network builder from WWW.* Wireless Networks. DOI: <https://doi.org/10.1007/s11276-020-02469-y>. October 2020. E-ISSN: 1572-8196; Print ISSN: 1022-0038. (Q1-SCIE INDEXED) Impact Factor: 2.659 Publisher: Springer
36. *CT-RPL: Cluster Tree Based Routing Protocol to Maximize the Lifetime of Internet of Things.* MDPI Sensors. Volume 20, Issue: 20. Pages: 5858 DOI: <https://doi.org/10.3390/s20205858>. October 2020. ISSN No: 1424-8220. Q1-SCIE INDEXED) Impact Factor: 3.275 Publisher: MDPI
37. *An Overview of IoT Sensor Data Processing, Fusion, and Analysis Techniques.* MDPI Sensors. Volume 20, Issue: 21. Pages: 6076 DOI: <https://doi.org/10.3390/s20216076>. October 2020. ISSN No: 1424-8220. Q1-SCIE INDEXED) Impact Factor: 3.275 Publisher: MDPI
38. *Duplicate Bug Report Detection and Classification System based on Deep Learning Technique.* IEEE Access. Volume 8. DOI: 10.1109/ACCESS.2020.3033045. October 2020. pp: 200749-200763. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE

39. *IoT-based green city architecture using secured and sustainable android services*. Environmental Technology and Innovation. Volume 20. DOI: <https://doi.org/10.1016/j.eti.2020.101091>. November 2020. ISSN No: 2352-1864. **Q1-SCIE INDEXED) Impact Factor: 3.356 Publisher: ELSEVIER**
40. *A remix IDE: Smart Contract-based framework for the Healthcare sector by using Blockchain Technology*. Multimedia Tools and Applications. Year 2020. Print ISSN:1380-7501; Online ISSN: 1573-7721. DOI: <https://doi.org/10.1007/s11042-020-10087-1>. November 2020 (**Q1-SCIE INDEXED) Impact Factor: 2.313. Publisher: Springer**
41. *Chaotic-map based authentication security framework with privacy preservation for remote point-of-care*. Multimedia Tools and Applications. Year 2020. Print ISSN:1380-7501; Online ISSN: 1573-7721. DOI: <https://doi.org/10.1007/s11042-020-10134-1>. November 2020 (**Q1-SCIE INDEXED) Impact Factor: 2.313. Publisher: Springer**
42. *Elliptic Curve Signcryption-Based Mutual Authentication Protocol for Smart Cards*. MDPI- Applied Sciences. Online ISSN: 2076-3417. November 2020. Volume 10, Issue: 22. DOI: <https://doi.org/10.3390/app10228291> (**Q2-SCIE INDEXED) Impact Factor: 2.474 Publisher: MDPI**
43. *Blockchain-based efficient communication for food supply chain industry: Transparency and traceability analysis for sustainable business*. International Journal of Communication Systems. Online ISSN: 1099-1131. December 2020. DOI: <https://doi.org/10.1002/dac.4696> (**Q2-SCIE INDEXED) Impact Factor: 1.319 Publisher: Wiley**
44. *A Comprehensive Study of Harmonic Pollution in Large Penetrated Grid-Connected Wind Farm*. MPAN- Journal of Metrology Society of India. E-ISSN: 0974-9853; Print ISSN: 0970-3950. December 2020. DOI: <https://doi.org/10.1007/s12647-020-00407-z> (**Q3-SCIE INDEXED) Impact Factor: 1.033 Publisher: Springer**
45. *bSSA: Binary Salp Swarm Algorithm with Hybrid Data Transformation for Feature Selection*. IEEE Access. Volume 9. DOI: 10.1109/ACCESS.2021.3049547. January 2021. pp: 14867-14882. e-ISSN No: 2169-3536. (**Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE**
46. *Spider Monkey Crow Optimization Algorithm with Deep Learning for Sentiment Classification and Information Retrieval*. IEEE Access. Volume 9. DOI: 10.1109/ACCESS.2021.3055507. January 2021. pp: 24249-24262. e-ISSN No: 2169-3536. (**Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE**

47. *Role of Fuzzy Approach towards Fault Detection for Distributed Components.* Computers, Materials and Continua. Volume 67, No: 2. pp:1979-1996. DOI: 10.32604/cmc.2021.014830. February 2021. ISSN: 1546-2218 (Print); 1546-2226 (Online). (Q1-SCIE INDEXED) Impact Factor: 4.89 Publisher: Tech Science Press
48. *Rooted Tree Optimization for the Backstepping Power Control of a Doubly Fed Induction Generator Wind Turbine: dSPACE Implementation .* IEEE Access. Volume 9. DOI: 10.1109/ACCESS.2021.3057123. February 2021. pp: 26512-26522. e-ISSN No: 2169-3536. (Q1-SCIE INDEXED) Impact Factor: 3.745 Publisher: IEEE
49. *An efficient anonymous authentication and confidentiality preservation schemes for secure communications in wireless body area networks.* Wireless Networks. DOI: <https://doi.org/10.1007/s11276-021-02560-y>. February 2021. E-ISSN: 1572-8196; Print ISSN: 1022-0038. (Q1-SCIE INDEXED) Impact Factor: 2.659 Publisher: Springer
50. *COVID-19 cases prediction by using hybrid machine learning and beetle antennae search approach.* Sustainable Cities and Society. Volume 66, March 2021. pp:102669. DOI: 10.1016/j.scs.2020.102669. ISSN No: 2210-6707 (Q1-SCIE INDEXED) Impact Factor: 5.268 Publisher: Elsevier
51. *DL-CNN-based approach with image processing techniques for diagnosis of retinal diseases.* Multimedia Systems. March 2021. DOI: <https://doi.org/10.1007/s00530-021-00769-7> . ISSN No (Electronic): 1432-1882; (Print): 0942-4962. (Q1-SCIE INDEXED) Impact Factor: 1.563 Publisher: Springer
52. *A novel Software-Defined Drone Network (SDDN)-based collision avoidance strategies for on-road traffic monitoring and management.* Vehicular Communications. Volume 28, April 2021. pp:100313. DOI: <https://doi.org/10.1016/j.vehcom.2020.100313>. ISSN No: 2214-2096 (Q1-SCIE INDEXED) Impact Factor: 4.706 Publisher: Elsevier
53. *Low Area PRESENT Cryptography in FPGA Using TRNG-PRNG Key Generation.* Computers, Materials and Continua. Volume 68, No: 2. pp:1447-1465. DOI: 10.32604/cmc.2021.014606. April 2021. ISSN: 1546-2218 (Print); 1546-2226 (Online). (Q1-SCIE INDEXED) Impact Factor: 4.89 Publisher: Tech Science Press

**54. *System Performance of Wireless Sensor Network Using LoRa-ZigBee Hybrid Communication.* Computers, Materials and Continua. Volume 68, No: 2. pp:1615-1635. DOI: 10.32604/cmc.2021.016922. April 2021. ISSN: 1546-2218 (Print); 1546-2226 (Online). (Q1-SCIE INDEXED) Impact Factor: 4.89 Publisher: Tech Science Press**

## SSCI Indexed

**Total: 1**

1. *An Assessment for forerunners for customer loyalty in the selected financial sector by SEM approach toward their effect on business.* Data Technologies and Applications. ISSN: 2514-9288. Volume 53, Issue No: 4, pp: 546-561. DOI: <https://doi.org/10.1108/DTA-04-2019-0059> (Q3-SSCI INDEXED)  
**Impact Factor: 0.704. Publisher: Emerald Insight**



## Edited Books Chapters

### Total Chapters: 36

1. *Complete Coverage to Wireless Sensor Networks: Pungardian Kalman- Book* Published by Punjabi Sahitya Kender, Ropar. pp 63-69.
2. *Evolutionary Computation: Theory and Algorithms: Advances in Swarm Intelligence for Optimizing Problems in Computer Science.* CRC Press. ISBN No: 9781138482517. eBook ISBN:9780429820168. pp 1-23.  
<https://www.taylorfrancis.com/books/e/9780429820168>
3. *Introduction to Swarm Intelligence: Advances in Swarm Intelligence for Optimizing Problems in Computer Science.* CRC Press. ISBN No: 9781138482517. eBook ISBN:9780429820168. pp 53-75.  
<https://www.taylorfrancis.com/books/e/9780429820168>
4. *Augmenting Dental Care: A Current Perspective: Emerging Technologies for Health and Medicine: Virtual Reality, Augmented Reality, Artificial Intelligence, Internet of Things, Robotics, Industry 4.0.* Wiley Publishers. ISBN No: 978-1-119-50985-1. pp. 51-67. DOI: <https://doi.org/10.1002/9781119509875.ch5>  
<https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119509875.ch5>
5. *Green Internet of Things (G-IoT): ICT Technologies, Principles, Applications, Projects and Challenges: Handbook of Research on Big Data and IoT.* ISBN No (13): 978-152-2574-323; ISBN No (10): 1522-257-4328; EISBN No (13): 978-152-2257-4330. pp. 379-405 DOI: 10.4018/978-1-5225-7432-3.ch021  
<https://www.igi-global.com/chapter/green-internet-of-things-g-iot/224280>
6. *Cyber Security Challenges for Smart Cities: Driving the Development, Management and Sustainability of Cognitive Cities.* ISBN No (13):978-1522-5808-50; ISBN (10): 1522-5808-59. pp: 27-54. DOI: 10.4018/978-1-5225-8085-0.ch002  
<https://www.igi-global.com/chapter/cyber-security-challenges-for-smart-cities/226916>

7. *Innovative Ideas to Manage Urban Traffic Congestion in Cognitive Cities: Driving the Development, Management and Sustainability of Cognitive Cities*. ISBN No (13):978-1522-5808-50; ISBN (10): 1522-5808-59. pp: 139-162. DOI: 10.4018/978-1-5225-8085-0.ch006

<https://www.igi-global.com/chapter/innovative-ideas-to-manage-urban-traffic-congestion-in-cognitive-cities/226920>

8. *WBAN: Driving e-Healthcare Beyond Telemedicine to Remote Health Monitoring—Architecture and Protocols*. DOI: <https://doi.org/10.1016/B978-0-12-816948-3.00007-6>. Telemedicine Technologies- Big Data, Deep Learning, Robotics, Mobile and Remote Applications for Global Healthcare. ISBN No: 978-0-12-816948-3. Imprint: Academic Press, Elsevier. pp: 89-119 (Chapter-7)

<https://www.sciencedirect.com/science/article/pii/B9780128169483000076>

9. *Security and Privacy in Remote Healthcare: Issues, Solutions and Standards*. DOI: <https://doi.org/10.1016/B978-0-12-816948-3.00014-3>. Telemedicine Technologies- Big Data, Deep Learning, Robotics, Mobile and Remote Applications for Global Healthcare. ISBN No: 978-0-12-816948-3. Imprint: Academic Press, Elsevier. pp: 201-225 (Chapter-14)

<https://www.sciencedirect.com/science/article/pii/B9780128169483000143>

10. *Green and Smart Buildings: A Key to Sustainable Global Solutions*. DOI: 10.4018/978-1-5225-9754-4.ch007. Green Building Management and Smart Automation. ISBN No (13): 978-152-2597-544. ISBN No (10): 1522-5975-49. EISBN No: 978-152-2597-568. pp: 146-163 (Chapter-7)

<https://www.igi-global.com/book/green-building-management-smart-automation/223459>

11. *Effect of Green Consumer Behavior Perspective on Green Unwavering Across Various retail configurations*. DOI: DOI: 10.4018/978-1-5225-9558-8.ch005. Green Marking as Positive Driver toward Business Sustainability. ISBN (13): 978-152-2259-558-8. ISBN (10): 1522-5955-89. ISBN (13): 978-1522-5956-01. Chapter 5. pp:96-124

<https://www.igi-global.com/chapter/effect-of-consumer-green-behavior-perspective-on-green-unwavering-across-various-retail-configurations/232651>

12. *Multimedia Social Big Data: Mining*. DOI: 10.1007/978-981-13-8759-3\_11. Multimedia Big Data Computing for IoT Applications (Intelligent Technologies and Robotics- Springer). ISBN (Print): 978-981-13-8758-6; (Online): 978-981-13-8759-3. Chapter 11. pp: 289-321

[https://link.springer.com/chapter/10.1007/978-981-13-8759-3\\_11](https://link.springer.com/chapter/10.1007/978-981-13-8759-3_11)

13. *Virtualization*. Handbook of Cloud Computing, BPB Publications, India. ISBN (Print): 978-93-8817-666-8. Chapter 2. pp: 51-89

<https://bpbonline.com/products/handbook-of-cloud-computing-a-great-possibilities-and-high-future-prospects-to-become-ten-times-folds-in-near-future>

14. *Cloud Computing Simulation*. Handbook of Cloud Computing, BPB Publications, India. ISBN (Print): 978-93-8817-666-8. Chapter 8. pp: 265-295

<https://bpbonline.com/products/handbook-of-cloud-computing-a-great-possibilities-and-high-future-prospects-to-become-ten-times-folds-in-near-future>

15. *Introduction to Software Testing*. Instant Approach to Software Testing, BPB Publications, India. ISBN (Print): 978-93-8851-116-2. Chapter 1. pp: 1-38.

[https://bpbonline.com/products/instant-approach-to-software-testing-principles-applications-techniques-and-practices?\\_pos=1&\\_sid=74b165ed3&\\_ss=r](https://bpbonline.com/products/instant-approach-to-software-testing-principles-applications-techniques-and-practices?_pos=1&_sid=74b165ed3&_ss=r)

16. *Swarm Intelligence and Evolutionary Algorithms in Disease Diagnosis-Introductory Aspects*. Swarm Intelligence and Evolutionary Algorithms in Healthcare and Drug Development. CRC Press. ISBN No: 978-03-6725-757-6. Chapter-1. pp:1-18. DOI: 10.1201/9780429289675-1

<https://www.taylorfrancis.com/books/e/9780429289675>

17. *Swarm Intelligence and Evolutionary Algorithms for Cancer Diagnosis*. Swarm Intelligence and Evolutionary Algorithms in Healthcare and Drug Development. CRC Press. ISBN No: 978-03-6725-757-6. Chapter-2. pp: 19-44. DOI: 10.1201/9780429289675-2

<https://www.taylorfrancis.com/books/e/9780429289675>

18. *si<sup>3</sup>-industry: A Sustainable, Intelligent, Innovative, Internet of Things Factory*. A Roadmap to Industry 4.0: Smart Production, Sharp Business and Sustainable Development. Springer- Series- Advances in Science, Technology and Innovation IEREX Interdisciplinary Series for Sustainable Development. ISBN: 978-3-030-14543-9, DOI: [https://doi.org/10.1007/978-3-030-145446-6\\_1](https://doi.org/10.1007/978-3-030-145446-6_1). Pages: 1-23. (Chapter-1)

<https://www.springerprofessional.de/en/si3-industry-a-sustainable-intelligent-innovative-internet-of-th/17440550>

19. *Sustainable future IoT services with touch-enabled handheld devices*. Security and Privacy of Electronic Health Records: Concepts, Paradigms and Solutions. IET Digital Library. E-ISBN: 978-1-785-61899-4. DOI: 10.1049/PBHE020E\_ch6. Pages: 131-152. (Chapter-6)

[https://digital-library.theiet.org/content/books/10.1049/pbhe020e\\_ch6;jsessionid=1gbfrfpre0v60.x-iet-live-01](https://digital-library.theiet.org/content/books/10.1049/pbhe020e_ch6;jsessionid=1gbfrfpre0v60.x-iet-live-01)

20. *Healthcare models and algorithms for privacy and security in healthcare records*. Security and Privacy of Electronic Health Records: Concepts, Paradigms and Solutions. IET Digital Library. E-ISBN: 978-1-785-61899-4. DOI: 10.1049/PBHE020E\_ch8. Pages: 183-222. (Chapter-8)

[https://digital-library.theiet.org/content/books/10.1049/pbhe020e\\_ch8;jsessionid=1gbfrfpre0v60.x-iet-live-01](https://digital-library.theiet.org/content/books/10.1049/pbhe020e_ch8;jsessionid=1gbfrfpre0v60.x-iet-live-01)

21. *Innovative Opportunities through Internet of Things (IoT) for Smart Cities*. Green and Smart Technologies for Smart Cities. CRC Press. E-ISBN:978-1-138-31809-0. Chapter-13; 32 Pages.

<https://www.taylorfrancis.com/books/e/9780429454837/chapters/10.1201/9780429454837-13>

22. *Security and Privacy in Social Networks: Data and Structural Anonymity*. Handbook of Computer Networks and Cyber Security. Springer, Germany. E-ISBN: 978-3-030-22277-2; Print ISBN: 978-3-030-22276-5. DOI: [https://doi.org/10.1007/978-3-030-22277-2\\_11](https://doi.org/10.1007/978-3-030-22277-2_11). Chapter 11. 29 Pages.

[https://link.springer.com/chapter/10.1007/978-3-030-22277-2\\_11](https://link.springer.com/chapter/10.1007/978-3-030-22277-2_11)

23. *Internet of Things (IoT) and Digital Business Environment: A Standpoint Inclusive Cyber Space, Cyber Crimes, and Cyber Security. The Evolution of Business in Cyber Age Digital Transformation, Threats and Security.* CRC Press (Apple Academic Press- AAP). *Hard ISBN: 9781771888103, E-Book ISBN: 9780429276484.* CHAPTER-6. Pages: 41
24. *Robust Multimedia Watermarking: Characteristics, Applications and Attacks: Handbook of Research on Multimedia Cyber Security.* IGI-Global, USA. ISSN No: 1948-9730; EISSN: 1948-9749; ISBN13: 9781799827016; ISSN10: 1799-82-7011; EISBN 13: 9781799827023. Chapter 4; [https://DOI: 10.4018/978-1-7998-2701-6.ch004](https://doi.org/10.4018/978-1-7998-2701-6.ch004). Pages: 17  
<https://www.igi-global.com/gateway/chapter/253027>
25. *Machine Learning and its Applicability in Networking: New Age Analytics: Transforming the Internet through Machine Learning, IoT, and Trust Modeling.* CRC Press (Apple Academic Press-AAP). ISSN No (13): 978-1-77188-875-2 (Hard Cover); 978-1-00300-721-0 (E-Book). Chapter 3; ISBN: 978-1-77188-875-2. Pages: 57-79.
26. *Blockchain: A Path to the Future: Cryptocurrencies and Blockchain Technologies and Applications.* Wiley. ISBN No: 978-1-119-62116-4. Chapter 2. Pages: 25-42. DOI: <https://doi.org/10.1002/9781119621201.ch2>
27. *Emerging Use of UAV's: Secure communication protocol issues and Challenges.* Elsevier. Drones in Smart Cities. ISBN No: 978-0-12-819972-5. Chapter 3. Pages: 37-55. DOI: <https://doi.org/10.1016/B978-0-12-819972-5.00003-3>
28. *Adoption of Fog Computing in Healthcare 4.0.* Springer. *Fog Computing for Healthcare Environments.* Springer. *Fog Computing for Healthcare 4.0 Environments.* ISBN No: 978-3-030-46196-6. Chapter-1. Pages: 3-36. DOI: [https://doi.org/10.1007/978-3-030-46197-3\\_1](https://doi.org/10.1007/978-3-030-46197-3_1)
29. *A Comprehensive Overview of Fog Data Processing and Analytics for Healthcare 4.0.* *Fog Computing for Healthcare 4.0 Environments.* Springer. ISBN No: 978-3-030-46196-6. Chapter-5. Pages: 103-129. DOI: [https://doi.org/10.1007/978-3-030-46197-3\\_5](https://doi.org/10.1007/978-3-030-46197-3_5)

30. *Fog Computing: Building a Road to IoT with Fog Analytics*. Springer. Fog Data Analytics for IoT Applications. ISBN No: 978-981-15-6043-9. Ebook ISBN: 978-981-15-6044-6; Series ISSN: 2197-6503. Chapter-4. Pages: 59-78. DOI: [https://doi.org/10.1007/978-981-15-6044-6\\_4](https://doi.org/10.1007/978-981-15-6044-6_4)
31. *Fusion of Deep Learning and Image Processing Techniques for Breast Cancer Diagnosis*. Springer. Deep Learning for Cancer Diagnosis. ISBN No: (Print): 978-981-15-6320-1; (Online): 978-981-6321-8; Series ISSN: 1860-9503. Chapter-1. Pages: 1-26. DOI: [https://doi.org/10.1007/978-981-15-6321-8\\_1](https://doi.org/10.1007/978-981-15-6321-8_1)
32. *Dynamic Models and Control Techniques for Drone Delivery of Medications and other Healthcare Items in COVID-19 Hotspots*. Emerging Technologies for Battling COVID-19. ISBN No: (Print): 978-3-030-60038-6; (Online): 978-3-030-60039-6; Series ISSN: 2198-4182. Chapter-1. Pages: 1-34. DOI: [https://doi.org/10.1007/978-3-030-60039-6\\_1](https://doi.org/10.1007/978-3-030-60039-6_1)
33. *Perspectives on the Definitions of Data Visualization: A Mapping Study and Discussion on Coronavirus (COVID-19) Dataset*. Emerging Technologies for Battling COVID-19. ISBN No: (Print): 978-3-030-60038-6; (Online): 978-3-030-60039-6; Series ISSN: 2198-4182. Chapter-11. Pages: 223-240. DOI: [https://doi.org/10.1007/978-3-030-60039-6\\_11](https://doi.org/10.1007/978-3-030-60039-6_11)
34. *How Artificial Intelligence is Transforming the ERP Systems*. Enterprise Systems and Technological Convergence: Research and Practice. ISBN (PaperBack: 978-1-64802-341-5) (Hard Cover: 978-1-64802-342-2) (e-book: 978-1-64802-343-9). Chapter-5.
35. *Wind Energy System Grid Integration and Grid Code Requirements of Wind Energy System*. Control and Operation of Grid-Connected Wind Energy Systems. ISBN (e-ISBN: 978-3-030-64336-2) (Softcover: 978-3-030-64338-6). Series ISSN: 1865-3529; Series E-ISSN: 1865-3537 (Green Energy and Technology) Chapter-10. DOI: [https://doi.org/10.1007/978-3-030-64336-2\\_10](https://doi.org/10.1007/978-3-030-64336-2_10). Pages: 247-273
36. *Drone-Based Social Distancing, Sanitization, Inspection, Monitoring, and Control Room for COVID-19*. Artificial Intelligence and Machine Learning for COVID-19. ISBN (Print): 978-3-030-60187-4; (Online): 978-3-030-60188-1; doi: [https://doi.org/10.1007/978-3-030-60188-1\\_8](https://doi.org/10.1007/978-3-030-60188-1_8) . Pages: 153-173. Series E-ISSN: 1860-9503; ISSN: 1860-949X

## **PATENTS**

**Total Patents Granted: 7**

### **Australian Patents**

**Total Patents Granted: 6**

**Patents in Progress: 6**

- **Velocity and Network Condition based Selection Method for WiMAX/WLAN Integrated Networks.** Patent Number: 2020102358. Date of Grant: 21<sup>st</sup> October, 2020.
- **Edge Preserving Image Smoothing Benchmark System with Deep Convolutional Neural Network.** Patent Number: 2020102385. Date of Grant: 21<sup>st</sup> October, 2020
- **Drowsy Driver Detection System Using Average Local Binary Structure.** Patent Number: 2020102438. Date of Grant: 28<sup>th</sup> October, 2020
- **LoRa- ZigBee Hybrid Smart Communication System.** Patent Number: 2020102711. Date of Grant: 18<sup>th</sup> November, 2020
- **Digital Imaging Methods and System for Processing Agar Plate Images for Automated Diagnosis.** Patent Number: 2020103713. Date of Grant: 3<sup>rd</sup> Feb, 2021
- **A Smart Meter for Design Measurement and Data Collection for Smart Grid.** Patent Number: 2020104384. Date of Grant: 3<sup>rd</sup> March, 2021

## Indian Patents

**Indian Patents Published: 1**

**Indian Patents Granted: 1**

**Indian Patents In-Progress: 6**

**Indian Copyrights In-Progress: 1**

- **Internet of Things Sensors based System for Consumer Behavior Analysis using Neural Network.** Application Number: 201921045998 A. Date of Filing: 12/11/2019. Date of Publication: 06/12/2019. (In Process for Evaluation and Grant Phase)
- **Biomedical Equipment for Oral Radiographs.** Application Number: 336976-001. Date of Registration: 30/12/2020. Journal No: 04/2021; Journal Date: 22/01/2021 **(Patent Granted)**



## Special Issues- Guest Editor

Total Completed: 7

### SCOPUS/ESCI Indexed

1. Special Issue on “*Recent Trends and Future of Fog and Edge Computing, Services and Enabling Technologies*” –Scalable Computing: Practice and Experience. (SCOPUS, ESCI Indexed)—Vol. 20, No 2
2. Special Issue on “*Advances in Swarm Intelligence and Machine Learning for Optimizing Problems in Image Processing and Data Analytics*” –Recent Patents on Computer Science. (SCOPUS Indexed)—Vol 12 (2019), Number 4
3. Special Issue on “*Recent Innovations and Advancements in Swarm Intelligence: Algorithms, Methodologies and Applications*”- Recent Advances in Computer Science and Communications “Formerly: Recent Patents on Computer Science”. (SCOPUS Indexed)- Vol 13, Number 1, 2020. pp: 3-4(2).
4. Special Issue on “*Swarm Intelligence for Optimizing Next Generation Networks*”- Recent Advances in Computer Science and Communications “Formerly: Recent Patents on Computer Science”. (SCOPUS Indexed)- Vol 13, Number 2, 2020. pp: 108-109.
5. Special Issue on “*Evolving IoT and Cyber Physical Systems: Advancements, Applications and Solutions*”- Scalable Computing: Practise and Experience . (SCOPUS, ESCI Indexed). Volume 21, Number 3, September 2020.
6. Special Issue on “*Engineering: Big Data, Cloud Computing and IoT Driven solutions for Real Time Applications*”- SN Applied Sciences, Springer. ISSN No: 2523-3963 (Print); 2523-3971 (Online). (ESCI Indexed) [https://link.springer.com/journal/42452/topicalCollection/AC\\_2f1d1423d6f6c92db4a75d6d27580671](https://link.springer.com/journal/42452/topicalCollection/AC_2f1d1423d6f6c92db4a75d6d27580671)
7. Special Issue on “*Convergence of Big Data, Cloud and IoT for Real Time Applications*”- Recent Patents on Engineering, Bentham Science. ISSN No: 2212-4047 (Online); 1872-2121 (Print). (SCOPUS Indexed). Vol.14, Issue No: 4. Doi: <https://doi.org/10.2174/187221211404201201111120>

## SCI/SCIE/SSCI

1. Special Issue on “Social, Mobile, Analytic and Cloud Technologies: Intelligent Computing for future smart Cities”.- Sustainable Cities and Society (SCIE Indexed). ISSN No: 2210-6707. Impact Factor: 5.268.  
<https://www.sciencedirect.com/journal/sustainable-cities-and-society/special-issue/10T5F9KSVPH>

## Non-SCOPUS/SCIE Journals

1. Special Issue on “*Internet of Everything (IoE) for Smart Cities: Technologies and Applications*”- EAI Endorsed Transactions on Smart Cities. Issue 11, Year 2020.

## Newspapers Articles

1. *Top Content Management System for PHP Language*: Tech Gateway Newspaper, Vol. 1, Issue: 16- 25 to 31 August, 2014. Page No: 4.
2. *D Programming Language*: Tech Gateway Newspaper, Vol. 1, Issue: 19- 15 to 21 September, 2014. Page No: 6.

3. *Reviewing the Pros and Cons of Thin Client Computing*, Vol.1, Issue: 22- 06 to 12 October, 2014. Page No: 5.
4. *Big Data*, Vol: 1, Issue: 26 03 to 09 November, 2014. Page No: 4.
5. *SQL Injection*, Vol. 1, Issue 28- 17 to 23 November, 2014. Page No: 4

## Magazines Articles

### CSI Communications

1. *Digital Forensics in Cloud Computing Environments: Current Challenges and Solutions for Effective Forensic Investigation*, - CSI Communications-Vol. 39, Issue 12, March 2016, Page No: 38-40. ISSN No: 0970-647x.
2. *Top 10 Tools for Natural Language Processing (NLP)-Research and Development*-CSI Adhyayan- April-June 2016, Page No: 92-96.

### Electronics for You

<https://electronicsforu.com/?s=Anand+Nayyar>

1. *Augmented Reality: Revolutionizing Medical Applications*- Electronics for You- November 2016, Vol.5, No. 7, ISSS No: 2454-4426, Page No: 25-27.
2. *Biomedical Sensors Advancing Medical and Biotechnology*- Electronics for You- February 2017, Vol.49, No.2, Page No: 28-32.
3. *OLED Displays and their Applications*- Electronics for You- April 2018, Vol.50, No.4, Page No: 18-22.

### Open Source for You

<https://opensourceforu.com/author/anand-nayyar/>

1. *Tools to Develop Cross-Platform Mobile Apps*- Open Source for You- July - 2016, Page No: 77-79. Volume 4, Issue 10. Area of Magazine: Mobile App Development.

2. ***Must Have Network Monitoring Tools for Systems Administrators- Open Source for You- August 2016, Page No: 31-32, 34, 36-37. Vol 4, Issue 11. Area of Magazine: Network Monitoring gets Simpler.***
3. ***Choosing the Right Open Source Programming Language-Open Source for You- September 2016, Page No: 59-64.***
4. ***The Best Open Source Cloud Computing Simulators-Open Source for You- October 2016, Page No: 37-41.***
5. ***A Few Must-have Tools for Windows Systems Administrators-Open Source for You- November 2016, Vol.5, Issue 2, Page No: 48-50.***
6. ***The Best Open Source Machine Learning Frameworks- Open Source for You- December 2016, Vol.5, Issue 3, Page No: 68-71.***
7. ***Docker Tools that Developers will find useful- Open Source for You- January 2017, Vol.5, Issue 4, Page No: 75-78***
8. ***Top 10 Operating Systems for Ethical Hackers and Penetration Testers- Open Source for You- February 2017, Vol.5, Issue 5, Page No: 23-27***
9. ***The Best Android Phones of 2016- Open Source for You- February 2017, Vol.5, Issue 5, Page No: 75-79***
10. ***The Best Open Source Network Intrusion Detection Tools- Open Source for You- March 2017, Vol. 5, Issue 6, Page No: 60-63***
11. ***The Best Open Source Databases for IoT Applications-Open Source for You- April 2017, Vol. 5, Issue 7, Page No: 88-91***
12. ***Top IDEs for Raspberry Pi- Open Source for You- May 2017, Vol. 5, Issue 8, Page No: 78-82***
13. ***Internet of Things: The Protocol Landscape- Open Source for You- June 2017, Vol.5, Issue 9, Page No: 85-87***
14. ***Eight Easy-To-Use Open Source Hybrid Mobile Application Development Platforms- Open Source for You- July 2017, Vol.5, Issue 10, Page No: 67-70***
15. ***The Best Open Source Tools for Containerization- Open Source for You- August 2017, Vol.5, Issue 11, Page No: 50-53***
16. ***Eight-Top of the Line Open Source Game Development Tools – Open Source for You- September 2017, Vol 5., Issue 12, Page No: 96-104***
17. ***The Top Five Open Source Project Management Tools for Your Business Needs- Open Source for You- February 2018, Vol 6., Issue No. 5, Page No: 28-31***
18. ***Ten Emerging Open Source Technologies- Open Source for You- February 2018, Vol .6, Issue No:5, Page No: 40-43.***

19. *Why MariaDB scores Over MySQL- Open Source for You- March 2018, Vol.6, Issue No:6, Page No: 63-67.*
20. *A Quick Look at Open Source Databases for Mobile App Development- Open Source for You- March 2018, Vol.6, Issue No:6, Page No: 89-93.*
21. *The Container Wars- Kubernetes V/s Amazon ECS- Open Source for You- April 2018, Vol.6, Issue No:7, Page No: 43-46.*
22. *Software Defined Networking (SDN) Platforms: The Efficient Eight- Open Source for You- May 2018, Vol.6, Issue No:8, Page No: 46-51.*
23. *Setting up Icinga2, an Open Source Network Monitoring Solution, on Ubuntu 17.01- Open Source for You- June 2018, Vol.6, Issue No:9, Page No: 54-57.*
24. *An Instant Guide to the Shorewall Firewall- Open Source for You- June 2018, Vol.6, Issue No:9, Page No: 62-65.*
25. *RethinkDB: A NoSQL Database for Real Time Applications- July 2018, Vol.6, Issue No:10. Page No: 76-79.*
26. *The Best Open Source Platforms for developing Blockchain Applications- July 2018, Vol.6, Issue No:10. Page No: 91-96.*
27. *The Best Open Source Machine Learning and Deep Learning Tools for Data Science- August2018, Vol.6, Issue No: 11. Page No: 72-76.*
28. *The Top Open Source IoT Platforms for Developers- September 2018, Vol.6, Issue No: 12. Page No: 70-75*
29. *The Best Open Source Tools for Cloud Infrastructure Management- October 2018, Vol. 7, Issue No: 1. Page No: 53-58*
30. *Installing OpenStack Queens on a Centos 7 Server- October 2018, Vol. 7, Issue No: 1. Page No: 62-65*
31. *Top Open Source Tools to help you manage OpenStack Servers- November 2018, Vol. 7, Issue No: 2. Page No-: 44-49*
32. *Eight Efficient Open Source Tools Sysadmins can use to Build VPNs- November 2018, Vol. 7, Issue No: 2. Page No: 50-54*
33. *Chatbots and the Open Source Tools You can use to Develop them- December 2018, Vol.7, Issue No: 3. Page No: 61-66*
34. *The Best Open Source Software for Network Attached Storage- January 2019, Vol.7, Issue No: 4. Page No: 70-74*
35. *Top 10 Open Source Media Server Software in 2018- February 2019, Vol.7, Issue No: 5. Page No: 42-46*
36. *Top Ten Android Tablets of 2018- February 2019, Vol.7, Issue No: 5. Page No: 55-60*

37. *Top Open Source Tools for Web Optimization- March 2019, Vol.7, Issue No: 6. Page No: 97-100*
38. *An Instant Guide to Firewall Builder- April 2019, Vol.7, Issue No: 7. Page No: 63-65*
39. *GameShell: The Handheld Open Source Gaming Console- April 2019, Vol.7, Issue No: 7. Page No: 24-25*
40. *AForge.Net: A Powerful Open Source Computer Vision Tool- May 2019, Vol.7, Issue No: 8. Page No: 65-67*
41. *The Path to Becoming a DevOps Engineer- June 2019, Vol.7, Issue No: 9. Page No: 32-39*
42. *The Top Open Source Cryptocurrency Wallets- July 2019, Vol.7, Issue No:10. Page No: 33-39*
43. *BigchainDB: A Popular and Powerful Database for Blockchain- August 2019, Vol.7, Issue No:11. Page No: 54-58*
44. *DeviceHive: The Scalable Open Source M2M Development Platform- September 2019, Vol.7, Issue No: 12. Page No: 45-47*
45. *The Top Nine Open Source Cloud Management Platforms-October 2019, Vol.8, Issue No:1. Page No:47-53*
46. *Top 5 Open Source Alternatives to Microsoft Office- November 2019, Vol.8, Issue No:2. Page No:35, 38-40*
47. *A Guide to Qt Programming, and the Top Tools for the task- December 2019, Vol.8, Issue No:3. Page No:61-65*
48. *The Top 10 Open Source Web Servers in 2019- February 2020, Vol.8, Issue No:5. Page No: 66-70*
49. *The Ultimate Guide to becoming a Mobile App Developer- March 2020, Vol.8, Issue No:6. Page No: 16-21*
50. *The Best Open Source Automation Penetration Testing Tools- April 2020, Vol.8, Issue No:7. Page No: 66-71*
51. *An Overview of Tensorflow.js- May 2020, Vol.8, Issue No:8. Page No: 65-67*
52. *A Comparative study on various open source blockchain platforms- June 2020, Vol. 8, Issue No:9. Page No: 72-77*
53. *Open Source Hyperledger Projects and How they can be Implemented-August 2020, Vol. 8, Issue No:11. Page No: 72-75*
54. *All you need to know: About building a Career in Blockchain Technology- September 2020, Vol.8, Issue No:12. Page No: 22-26*

55. *Blockcloud: Developing Blockchain Solutions in Cloud-* October 2020, Vol.9, Issue No:1. Page No: 60-64
56. *The Applications of AWS Blockchain Templates-* November 2020, Vol.9, Issue No: 2. Page No: 93-97
57. *An Introduction to Microsoft's Azure Blockchain Service-* December 2020, Vol.9, Issue No: 3. Page No: 67-71
58. *The Blockchain Consortium is Coming of Age.* – January 2021, Vol.9, Issue No: 4, Pages: 42-45
59. *How Blockchains help the Healthcare Industry.* – February 2021, Vol.9, Issue No: 5, Pages: 28-33
60. *How the Blockchain Can Help a City Get Smart.* – March 2021, Vol.9, Issue No: 6, Pages: 15-21
61. *Container Orchestration Using Kubernetes and Apache Mesos-* April 2021, Vol.9, Issue No: 7. Pages: 95-98

## **Research Recognitions**

### **International Journal's Reviewer Board**

- **Journal of Network and Computer Applications (JNCN) by Elsevier. ISSN: 1084-8045**

- <http://ees.elsevier.com/jnca>
- **International Journal of P2P Network Trends and Technology (IJPTT). ISSN: 2249-2615**  
<http://www.ijpttjournal.org/reviewers>
  - **International Journal of Artificial Intelligence and Knowledge Discovery (IJAIKD) E-ISSN: 2231-0312**  
<http://rgsociety.org/journals/index.php/ijai/about/editorialTeam>
  - **International Journal of Computer Science Issues (IJCSI). Online ISSN: 1694-0814**  
<http://www.ijcsi.org/reviewers-list.php>
  - **International Journal of Computational Intelligence and Information Security (IJCIIS) ISSN: 1837-7823**  
<https://sites.google.com/site/ijciisresearch/ijciis-reviewers>
  - **International Journal of Computer Science and Information Security (IJCSIS). ISSN: 1947-5500**  
<http://sites.google.com/site/ijcsis/ijcsis-reviewer-list>
  - **International Journal of Emerging Trends and Technology in Computer Science (IJETTCS). ISSN: 2278-6856**  
[http://www.ijettcs.org/editorial\\_board.html](http://www.ijettcs.org/editorial_board.html)
  - **International Journal of Science and Research (IJSR) ISSN No: (Online): 2319-7064**  
<http://www.ijsr.net/editorial.php>
  - **Scientific and Academic Publishing-Computer Science and Engineering Journal, p-ISSN: 2163-1484; e-ISSN: 2163-1492**  
<http://www.sapub.org/journal/reviewers.aspx?journalid=1081>



- **International Journal of Software Engineering Research & Practices (IJSERP)**  
e-ISSN: 2231-0320; p-ISSN: 2231-2048  
<http://rgjournals.com/index.php/serp/about/editorialTeam>
- **International Journal of Computer and Information Technology (IJCIT) ISSN: 2279-0764**  
<http://www.ijcit.com/editorial.php>
- **International Journal of Research in Engineering and Technology (IJRET)**  
ISSN No: 2319-1163, p-ISSN: 2321-7308  
<https://www.ijret.org/ReviewBoard>
- **International Journal of Advanced Computer Science and Information Technology (IJACSIT)- ELVEDIT.COM ISSN No: 2296-1739**  
[http://elvedit.com/journals/IJACSIT/?page\\_id=123](http://elvedit.com/journals/IJACSIT/?page_id=123)
- **International Journal of Engineering and Technical Research (IJETR). ISSN No: 2321-0869**  
<https://www.erpublication.org/ijetr/page/board-member>
- **International Journal of Modern Communication Technologies and Research (IJMCTR). ISSN No: 2321-0850**  
<https://www.erpublication.org/IJMCTR/page/boardmember>
- **International Journal of Engineering Research and Technology (IJERT). ISSN No: 2278-0181**  
<http://ems.ijert.org/editors-reviewer-list.php>
- **International Journal of Doctoral Studies (IJDS). ISSN No (Online): 1556-8873 (Print): 1556-8881**  
<http://www.informingscience.org/Journals/IJDS/BoardMembers>

- **International Journal of Artificial Intelligence and Applications (IJAIA). ISSN No (Online): 0975-900X (Print): 0976-2191**  
<http://airccse.org/journal/ijaia/editorialboard.html>
- **International Journal of Advances in Engineering Sciences (IJSE). ISSN No (Online): 2231-0347 (Print): 2231-2013**  
<http://rgjournals.com/index.php/ijse/about/editorialTeam>
- **International Journal of Advanced Engineering & Global Technology (IJAEGT) ISSN No: 2309-4893**  
[http://ijaegt.com/?page\\_id=192](http://ijaegt.com/?page_id=192)
- **International Journal of Ethics in Engineering and Management Education (IJEEM) ISSN No: 2348-4748**  
<http://ijeem.in/reviewers/>
- **ASDF Reviewer**  
<http://myasdf.us/reviewaccp.php>
- **International Journal of Engineering Research and Innovation (IJERI). Print ISSN: 2152-4157; Online ISSN: 2152-4165**  
<http://ijeri.org/editorial-board/>
- **International Journal of Electromagnetics (IJEL)**  
<http://airccse.com/ijel/editorial.html>
- **International Journal of Trend in Research and Development (IJTRD)**  
<http://www.ijtrd.com/Author.aspx>

- **International Journal of Advanced Research in Management, Architecture, Technology & Engineering (IJARMATE) ISSN No (Online):2454-9762; Print: 2454-9762**

<http://www.ijarmate.com/Review-Board-Members>

- **International Journal of Computer Science & Technology (IJCST) ISSN: 0976-8491 (Online) ISSN: 2229-4333 (Print Version)**

<http://ijcst.com/editorial-board/#sthash.lottJMtC.dpbs>

- **International Journal of Innovative Research in Advanced Engineering (IJIRAE). ISSN No: 2349-2163**

<http://ijirae.com/reviewer-board>

- **InterScience- International Journal of Computer Science and Informatics (IJCSI) ISSN No: 2231-5292**

<http://interscience.in/ijcsi.html>

- **International Journal of Cyber Physical Systems (IJCPS) ISSN No: 2577-4867; EISSN: 2577-4875**

<https://www.igi-global.com/journal/international-journal-cyber-physical-systems/191248>

- **ACTA Scientific Medical Services Review Board**

<https://www.actascientific.com/ASMS-RB.php>

## **International Journal's Editorial Board Associations**

- **Editorial Board: Wireless Networks- Springer, ISSN (Print): 1022-0038; (Online): 1572-8196**

[https://www.springer.com/journal/11276/editors?fbclid=IwAR3FPneWs\\_7H1xtVVRWvy8xiqcXfaULzzBPexXR2BUQwlc7eOhpTGzaiO4WA](https://www.springer.com/journal/11276/editors?fbclid=IwAR3FPneWs_7H1xtVVRWvy8xiqcXfaULzzBPexXR2BUQwlc7eOhpTGzaiO4WA)

- **Editorial Board: IEEE Future Directions.**  
<https://cmte.ieee.org/futuredirections/tech-policy-ethics/>
- **Editorial Board: International Journal of Electronics and Communication Technology (IJECT) ISSN: 2230-7109 (Online) ISSN: 2230-9543 (Print Version)**  
[http://iject.org/?page\\_id=8](http://iject.org/?page_id=8)
- **Editorial Board: International Journal of Engineering Innovation and Research (IJEIR) ISSN: 2277-5668**  
<http://ijeir.org/index.php/editors/editorial-board>
- **Editorial Board: Maejo International Journal of Science and Technology (MIJST) ISSN: 1905-7873**  
<http://www.mijst.mju.ac.th/board.htm>
- **Editorial Board: Scholarly Journal of Mathematics and Computer Science (SJMCS) ISSN No: 2276-8947**  
<http://scholarly-journals.com/sjmcs/board.htm>
- **Editorial Board: International Journal of Applied Information Systems (IJ AIS) ISSN No: 2249-0868**  
<http://www.ijais.org/editorial-board/>
- **Editorial Board: International Journal of Computer Applications & Information Technology (IJCAIT) ISSN No: 2278-7720**  
<http://www.ijcait.com/IJCAIT/editorial.php>
- **Editorial Board: International Journal of Artificial Intelligence and Mechatronics (IJAIM) ISSN No: 2320-5121**  
<http://ijaim.org/editors.html>

- **Editorial Board:** Shiv Shakti International Journal in Multidisciplinary and Academic Research (SSIJMAR) ISSN No: 2278-5973  
<http://ssijmar.in/editorialboard.php>
- **Editorial Board:** International Journal of Advancements in Research and Technology (IJoART) ISSN No: 2278-7763  
<http://www.ijoart.org/editorialTeam.shtml>
- **Editorial Board:** International Journal of Engineering and Management Research (IJEMR) ISSN: 2250-0758  
<http://www.ijemr.net/IJEMR/EditorialBoard.aspx>
- **Editorial Board:** International Association of Journals and Conferences (IAJC)  
<http://iajc.org/leadership/journals-editorial-boards/>
- **Editorial Board:** International Journal of Engineering Research-Online (IJOER) ISSN No: 2321-7758  
<http://www.ijoer.in/Editorial%20Board.html>
- **Editorial Board:** International Journal of Advance Computational Engineering and Networking (IJACEN) ISSN No: 2321-2063  
[http://ijacen.iraj.in/editorial\\_board.php](http://ijacen.iraj.in/editorial_board.php)
- **Editorial Board:** International Journal of Electrical, Electronics and Data Communication (IJEEDC) ISSN No: 2321-2950  
[http://ijeedc.iraj.in/editorial\\_board.php](http://ijeedc.iraj.in/editorial_board.php)
- **Editorial Board:** International Journal of Advances in Computer Science and Cloud Computing (IJACSCC) ISSN No: 2321-4392  
[http://ijacsc.iraj.in/editorial\\_board.php](http://ijacsc.iraj.in/editorial_board.php)

- **Editorial Board:** International Journal of Soft Computing and Artificial Intelligence (IJSCAI) ISSN No: 2321-4384  
[http://ijscai.iraj.in/editorial\\_board.php](http://ijscai.iraj.in/editorial_board.php)
- **Editorial Board:** International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE) ISSN (Print): 2320-9798 (Online): 2320-9801  
<http://ijircce.com/about-us/editorial-board.html>
- **Editorial Board:** International Journal of Computer Science and Network Security (IJCSNS)  
<http://www.ijcsns.com/index.php/IJCSNS/about/editorialTeam>
- **Editorial Board:** International Journal of Computer Science and Mobile Applications (IJCSMA) ISSN No: (Online) 2321-8363  
<http://www.ijcsma.com/editorial.html>
- **Editorial Board:** International Journal of Research Studies in Computer Science and Engineering (IJRSCSE)  
<https://www.arcjournals.org/international-journal-of-research-studies-in-computer-science-and-engineering/editorial-board>
- **Editorial Board:** International Journal of Innovations in Science and Mathematics (IJISM) ISSN No: 2347-9051  
<http://www.ijism.org/index.php/editors>
- **Editorial Board:** Research Forum: International Journal of Social Sciences (IJSS) ISSN No: 2348-4411  
[http://ijss.publicationsupport.com/editorial\\_board.php](http://ijss.publicationsupport.com/editorial_board.php)
- **Editorial Board:** Emerging Trends in Electrical, Electronics and Instrumentation Engineering: An International Journal (EEIEJ)  
<http://airccj.org/eng/ete/editorial.html>

- **Editorial Board:** INPRESSCO- International Journal of Current Engineering and Technology (IJCET) ISSN (Online): 2277-4106, (Print): 2347-5161  
<http://inpressco.com/editorial-ijcet/>
- **Editorial Board:** International Journal of Computer Trends and Technology (IJCTT) ISSN: 2231-2803; 2349-0829  
<http://www.ijcttjournal.org/board-members>
- **Editorial Board:** International Journal of Engineering Technology and Computer Research (IJETCR) ISSN No: 2348-2117  
<http://ijetcr.org/index.php/ijetcr/about/editorialTeam>
- **Editorial Board:** Technix International Journal for Engineering Research (TIJER) ISSN No: 2349-9249  
<http://tijer.org/editorial-panel>
- **Editorial Board:** International Journal of Computer Systems (IJCS) ISSN No: 2394-1065  
<http://www.ijcsonline.com/editorial.php>
- **Editorial Board:** International Journal of Computer Networks and Communications Security (IJCNCS) ISSN (Online): 2308-9830  
<http://www.ijcncs.org/editorial.php>
- **Editorial Board:** International Journal in Management and Social Sciences ISSN No: 2321-1784  
<http://www.ijmr.net.in/educational-board.php>
- **Editorial Board:** Abhiyantriki- An International Journal of Engineering and Technology (AIJET) eISSN No: 2394-627X  
<http://aijet.in/editorial.htm>

- **Editorial Board:** International Journal of Computer Networks and Applications (IJCNA) ISSN No: 2395-0455  
<http://ijcna.org/editorial-board.php>
- **Editorial Board:** International Journal of Advanced Trends in Computer Applications (IJATCA) ISSN No: 2395-3519  
<http://www.ijatca.com/Editorial Board?page=2>
- **Editorial Board:** Global Journal of Computers and Technology (GJCT) ISSN No: 2394-501x  
<http://www.gpcpublishing.org/index.php/gjct/about/editorialTeam>
- **Editorial Board:** International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development (IJCSEIERD) ISSN No (Print): 2249-6866; (Online): 2249-7978  
<http://www.tjprc.org/journals.php?year=2015&jtype=2&id=11&details=editors>
- **Editorial Board:** SK International Journal of Multidisciplinary Research (IJMDR) ISSN No: 2394-3122  
<http://skijmr.com/EB.html>
- **Editorial Board:** Journal of Network Communications and Emerging Technologies (JNCET) ISSN No: 2395-5317  
<http://www.jncet.org/editorial.html>
- **Editorial Board:** International Journal of Applied Sciences and Mathematics (IJASM) ISSN No: 2394-2894  
<http://www.ijasm.org/index.php/editors/78-editorial-board-2018>
- **Editorial Board:** International Journal of Advances in Electronics and Computer Science (IJAECS) ISSN No: 2394-2835  
[http://ijaecs.iraj.in/editorial\\_board.php](http://ijaecs.iraj.in/editorial_board.php)



- **Editorial Board:** International Journal of Electronics Communication and Computer Engineering (IJECCCE) ISSN No: 2249-071x  
<http://ijeccce.org/index.php/editors/editorial-board>
- **Editorial Board:** International Journal of Research in Technology and Management (IJRTM) ISSN No: 2454-6240  
<http://ijrtm.com/iotg/?q=node/12>
- **Editorial Board:** Asian Journal of Innovative Research in Science, Engineering and Technology (AJIRSET) ISSN No: 2455-8826  
[http://engineeringjournal.info/index.php/AJIRSET/pages/view/editorial\\_team](http://engineeringjournal.info/index.php/AJIRSET/pages/view/editorial_team)
- **Editorial Board:** International Journal of Darshan Institute on Engineering Research and Emerging Technologies (IJDIERET). ISSN No: 2320-7590  
<http://ijdieret.in/EditorialBoard>
- **Editorial Board:** International Journal of Engineering Science Invention-Research and Development (IJESIRD). ISSN No: 2349-6185  
<http://www.ijesird.com/Editorial%20Board.html>
- **Editorial Board:** International Journal of Advanced Studies of Scientific Research (IJASSR). ISSN No: 2469-4010  
<http://www.ijassr.org/international-journal-scientific-research-ijassr-editors>
- **Editorial Board:** International Journal of Modern Computer Science (IJMCS) ISSN No: 2320-7868  
<http://www.ijmcs.info/index.php?vr=eboard>
- **Editorial Board:** International Journal of Innovative Studies in Sciences and Engineering Technology (IJISSET) ISSN No: 2455-4863  
<http://ijisset.org/editorial-board/>

- **Editorial Board:** International Journal of Research in Engineering and Management Technology (IJREMT) ISSN No: 2454-7212  
<http://ijremt.com/ijremt/editorial/>
- **Editorial Board:** International Journal of Innovative Works in Engineering and Technology (IJIWET) ISSN No: 2455-5797  
<https://www.ijiwet.com/editorial-board-reviewer.php>
- **Editorial Board:** Journal of Computer (JoC)  
<http://www.journal.computer/Editorial-Board/>
- **Editorial Board:** International Journal of Modern Trends in Engineering and Research (IJMTER) ISSN (Online): 2349-9745; (Print): 2393-8161  
<http://www.ijmter.com/editorial-board/>
- **Editorial Board:** International Journal of Recent Trends in Engineering & Research (IJRTER) ISSN No: 2455-1457  
<http://www.ijrter.com/editorial-board/>
- **Editorial Board:** International Journal of Mathematics and Computing  
<http://advancejournals.org/International-Journal-of-Mathematics-and-Computing/editor-board/>
- **Editorial Board:** International Research Journal of Engineering and Technology (IRJET) ISSN No: 2395-0056 (Online), 2395-0072 (Print)  
<https://www.irjet.net/editorial-board>
- **Editorial Board:** International Journal of Computer Networks and Applications (IJCNA) ISSN No: 2395-0455  
<http://www.ijcna.org/editorial-board.php>

- **Editorial Board: Data Research (Data)**  
<http://www.itspoa.com/?thread-851-111.html>
- **Editorial Board: Recent Research in Science and Technology (RRST)**. ISSN No: 2076-5061  
<http://updatepublishing.com/journal/index.php/rrst/editorial-board>
- **Editorial Board: International Journal of Blockchains and Cryptocurrencies (IJBC)**. ISSN No: 2516-6433 (Online), 2516-6425 (Print)  
<https://www.inderscience.com/jhome.php?jcode=ijbc#edboard-content>
- **Editorial Board: International Journal of Advances in Scientific Research and Reviews (IJASSR)** ISSN No: 2360-9338  
[http://www.academiascholarlyjournal.org/ijasrr/ijasrr\\_editors.htm](http://www.academiascholarlyjournal.org/ijasrr/ijasrr_editors.htm)
- **Editorial Board: International Journal of Information Technology, Modeling and Computing (IJITMC)**. ISSN No (Online):2320-7493; (Print): 2320-8449  
<http://airccse.org/journal/ijitmc/editorial.html>
- **Editorial Board: United International Journal for Research and Technology (UIJRT)**.  
<https://uijrt.com/editorial-board>
- **Editorial Board: International Journal of VLSI Design and Communication Systems (VLSICS)**. ISSN:0976-1357 (Online); 0976-1527 (Print)  
<http://airccse.org/journal/vlsi/board.html>
- **Editorial Board: EAI Endorsed Transactions on Smart Cities**. ISSN: 2518-3893  
<https://eudl.eu/journal/sc>

- **Editorial Board:** EUI Endorsed Transactions on Mobile Communications and Applications. ISSN: 2032-9504  
<https://eudl.eu/journal/mca>
- **Editorial Board:** COSMOS Journal of Engineering and Technology. ISSN No: 2231-4210  
<http://www.cosmosjournal.in/editorial-board/>
- **Editorial Board:** HighTech and Innovation Journal. ISSN No: 2723-9535  
Team: Artificial Intelligence, Big Data and Cognitive Computing  
<https://www.hightechjournal.org/index.php/HIJ/about/editorialTeam>
- **Editorial Board:** Artificial Intelligence in Gastrointestinal Endoscopy (AIGE). ISSN: 2689-7164  
<https://www.wjgnet.com/2689-7164/EBoardMembers?pageNumber=2>

## International Journals Advisory Board & Other Positions

- **Editor-in-Chief:** International Journal of Smart Vehicles and Smart Transportation (IJSVST). IGI-Global, USA. ISSN No: 2642-1631, EISSN: 2642-164X. DOI: 10.4018/IJSVST  
<https://www.igi-global.com/journal/international-journal-smart-vehicles-smart/222692#table-of-contents>

- **Associate Editor:** IET Networks. ISSN No: 2047-4962. IET, USA. ESCI Indexed.  
<https://ietresearch.onlinelibrary.wiley.com/hub/journal/20474962/homepage/editorial-board>
- **Associate Editor:** IET Wireless Sensor Systems. ISSN: 2043-6394. IET, USA. SCOPUS, ESCI Indexed.  
<https://ietresearch.onlinelibrary.wiley.com/hub/journal/20436394/homepage/productinformation.html>
- **Associate Editor:** IET Quantum Communications. ISSN: 2632-8925. IET, USA.  
<https://ietresearch.onlinelibrary.wiley.com/hub/journal/26328925/homepage/editorial-board>
- **Series Editor:** Atlantis Highlights in Intelligent Systems. ISSN No: 2589-4919  
<https://www.atlantis-press.com/proceedings/series/ahis/publishing-info#series-editors>
- **Associate Editor:** International Journal of Information Security and Privacy (IJISP)- ESCI, SCOPUS, EI, INSPEC (Indexed). ISSN No: 1930-1650; E-ISSN: 1930-1669; DOI: 10.4018/IJISP—IGI Global  
<https://www.igi-global.com/journal/international-journal-information-security-privacy/1096>
- **Associate Editor:** International Journal of Distributed Systems and Technologies (IJDST)- ESCI, SCOPUS, EI, INSPEC (Indexed). ISSN No: 1947-3532, E-ISSN: 1947-6540. –IGI Global  
<https://www.igi-global.com/journal/international-journal-distributed-systems-technologies/1164#indices>
- **Associate Editor:** International Journal of Cognitive Informatics and Natural Intelligence (IJCINI)- ESCI, Scopus, Web of Science, DBLP, ACM (Indexed). ISSN No: 1557-3958; E-ISSN: 1557-3966—IGI-Global

- <https://www.igi-global.com/journal/international-journal-cognitive-informatics-natural/1095>
- **Associate Editor:** International Journal of Engineering Research and Sports Science (IJERSS)  
[http://ijerss.com/editorial\\_board](http://ijerss.com/editorial_board)
  - **Advisory Board:** International Journal of Computing and Business Research (IJCBR) ISSN: 2229-6166 (Online)  
[http://www.researchmanuscripts.com/index.php?option=com\\_content&view=article&id=58&Itemid=63](http://www.researchmanuscripts.com/index.php?option=com_content&view=article&id=58&Itemid=63)
  - **Advisory Board:** Heliyon Computer Science  
<https://www.cell.com/heliyon/computer-science/editors>
  - **Advisory Board:** International Journal of Innovations in Engineering & Technology (IJIET) ISSN: 2319-1058  
<http://ijiet.com/editorial-board-2/>
  - **Advisory Board:** Journal of Harmonized Research (JOHR Online)  
ISSN No: 2321-0958.  
[http://www.johronline.com/editorial\\_board.html](http://www.johronline.com/editorial_board.html)
  - **Research Volunteer:** International Journal of Advances in Engineering and Technology (IJAET) ISSN: 2231-1963  
<http://www.ijaet.org/research-volunteer-of-ijaet/index.html>
  - **IT Mentor:** InterScience Research Network (IRNet)  
<http://www.interscience.ac.in/mentors.html#Anand>

## **International Conferences Associations**

**2012**

- **Programme Committee: 2<sup>nd</sup> International Conference on Advanced Computing and Communication Technologies (ACCT12) - Organized by rgconferences.org.**

**<http://www.rgsociety.org/acct12/comm/prgcomm.html>**

- **Programme Committee: International Workshop on Cloud Computing: Services and Architecture (Cloud-2012)-Organized by AIRCCSE**  
<http://airccse.org/cloud/program.html>
- **Reviewer Committee: 2<sup>ND</sup> International Conference on Digital Information and Communication Technology and its Applications (DICTAP 2012) at University of the Thai Chamber of Commerce, Thailand (UTCC)- Organized by Society of Digital Information and Wireless Communication (SDIWC).**
- **Reviewer Committee: International Conference on E-Learning and E-Technologies in Education (ICEEE 2012) at Technical University of Lodz, Lodz Poland – Organized by Society of Digital Information and Wireless Communication (SDIWC).**
- **Reviewer Committee: 2<sup>nd</sup> International Conference on Digital Information Processing and Communications (ICDIPC2012) at Klaipėda University, Klaipėda, Lithuania- Organized by Society of Digital Information and Wireless Communication (SDIWC).**
- **Reviewer Committee: International Conference on Cyber Security, Cyber Warfare and Digital Forensic (CyberSec2012) at University Putra Malaysia, Kuala Lumpur, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC).**
- **Reviewer Committee: The International Conference on Computing, Networking and Digital Technologies (ICCNDT 2012) at Gulf University, Bahrain- Organized by Society of Digital Information and Wireless Communication (SDIWC).**
- **Reviewer Committee: The International Conference on Informatics and Applications (ICIA12) at Kuala Terengganu, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC).**



- **Worldwide Judges and Panelists:** 1<sup>st</sup> International Scientific E-Conference being organized by The Texila American University, Guyana, South America, STIE Perbanas, Surabaya, Indonesia and E-International Scientific Research Journal Consortium, Philippines (EISRJC).
- **Reviewer:** 4<sup>th</sup> International Conference on Computer and Communications Engineering (ICCCE12) being organized by Faculty of Engineering, International Islamic University, Kuala Lumpur, Malaysia.  
<http://www.iium.edu.my/icce/12/>
- **Reviewer:** 8<sup>th</sup> International Conference on Computing Technology and Information Management (NCM and ICNIT) being organized by IEEE, IEEE Korea Council, ETRI, KISTI, Asia ITNT Association and AICIT in Seoul, Korea.  
<http://www.aicit.org/iccm/home/index.html>
- **Reviewer:** 8<sup>th</sup> International Conference on Information Science and Digital Content Technology (ICIS and IDCTA) being organized by IEEE, IEEE Korea Council, Asia ITNT Association and AICIT in Jeju, Korea.  
<http://www.aicit.org/icidt/home/index.html>
- **Reviewer:** 8<sup>th</sup> International Conference on Computing and Networking Technology (INC, ICCIS and ICMIC) being organized by IEEE, IEEE Korea Council, Asia ITNT Association and AICIT in Gyeongju, Korea.  
<http://www.aicit.org/iccnt/home/index.html>
- **Reviewer:** 8<sup>th</sup> International Conference on Information Processing, Management and Intelligent Information Technology (ICIPM and ICIIP) being organized by IEEE, IEEE Kyoto Section, IEEE Korea Council, Asia ITNT Association and AICIT in Kyoto, Japan.  
<http://www.aicit.org/icipt/home/index.html>
- **Reviewer:** 6<sup>th</sup> International Conference on New Trends in Information Science, Service Science and Data Mining (NISS, ICMIA and NASNIT) being organized by IEEE, IEEE Taipei Section, IEEE Korea Council, Asia ITNT Association and AICIT in Taipei, Taiwan.

<http://www.aicit.org/issdm/home/index.html>

- **Reviewer:** 7<sup>th</sup> International Conference on Computing and Convergence Technology (ICCIT, ICEI and ICACT) being organized by IEEE, IEEE Korea Council, ETRI, KISTI, Asia ITNT Association, AICIT in Seoul, Korea.

<http://www.aicit.org/iccet/home/index.html>

- **Reviewer:** World Congress on Engineering & Computer Science 2012 organized by International Association of Engineers (IAENG) at San Francisco, USA.

<http://www.iaeng.org/WCECS2012/index.html>

- **Advisory Board:** International Conference on Technical and Executive Innovation in Computing and Communication (TEICC-2012)

<http://www.teicc.in/examples/committee.html>

- **Reviewer:** InSITE2012 Conference by Informing Science Institute (ISI)

<http://www.informingscience.us/icarus/conferences/insite2013/reviewers>

- **Programme Committee Member:** International Conference on Emerging Trends and Technology-2012 (ICETT 2012) being organized and sponsored by ACCENT (Association of Computer Communication Education for National Triumph), Indore.

<http://www.theaccents.org/icett.coference/program.html>

**2013**

- **Technical Program Committee:** International Conference on Wireless Communications and Networking (ICCMET-2013)-being organized by HUAZHONG University, Lushan, China on August 2-4, 2013

<http://www.iccmet.org/organizingCommittee.html>

- **Reviewer:** The Second International Conference on Digital Enterprise and Information Systems (DEIS 2013) at Asia Pacific University of Technology and

Innovation, Kuala Lumpur, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/Malaysia1/program-committees/>

- **Reviewer:** The Second International Conference on e-Technologies and Networks for Development (ICeND 2013) at Asia Pacific University College of Technology and Innovation, Kuala Lumpur, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/Malaysia2/program-committees/>

- **Reviewer:** The Third International Conference on Digital Information Processing and Communication (ICDIPC) at Islamic Azad University, Dubai-UAE- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/Dubai/program-committees/>

- **Reviewer:** The Second International Conference on Cyber Security, Cyber Warfare and Digital Forensic (CyberSec 2013) at Asia Pacific University College of Technology and Innovation, Kuala Lumpur, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/Malaysia3/page.php?id=6>

- **Reviewer:** The First International Conference on Green Computing, Technology, Technology and Innovation (ICGCTI) at Asia Pacific University College of Technology and Innovation, Kuala Lumpur, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/Malaysia4/page.php?id=6>

- **Reviewer:** International Conference on E-Technologies and Business on the Web (EBW2013) being organized by University of the Thai Chamber of Commerce (UTCC) at Bangkok, Thailand- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/ebw2013/program-committees/>

- **Reviewer:** 2<sup>nd</sup> International Conference on Informatics Engineering & Information Science (ICIEIS2013) being organized by Universiti Teknologi, Malaysia at Kuala Lumpur, Malaysia- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/icieis2013/reviewers/>

- **Reviewer:** International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAECE2013) being organized by Mevlana University, Konya, Turkey- Organized by Society of Digital Information and Wireless Communication (SDIWC)

<http://sdiwc.net/conferences/2013/taeece2013/program-committees/>

- **Technical Committee Member:** Science and Information Conference 2013, London, U.K. - Technically Co-Sponsored by IEEE Computational Intelligence Society, UKRI Chapter.

<http://thesai.org/SAIConference2013/Committees>

- **Program Committee Member:** Information Communication Technology- EurAsia Conference 2013, Yogyakarta, Indonesia.

<http://www.ifs.tuwien.ac.at/ict-eurasia/members>

- **Technical Committee Member:** 2<sup>nd</sup> International Conference on Advanced Information System, E-Education and Development (ICAISED 2013), Kuala Lumpur, Malaysia.

<http://www.icaised.com/committee.php>

- **Technical Committee Member:** 2<sup>nd</sup> International Conference on Emerging Trends in Computer and Information Technology (ICETCIT 2013), Kuala Lumpur, Malaysia.

<http://www.icetcit.com/committee.php>

- **Technical Committee Member:** 2<sup>nd</sup> International Conference on Advanced Computing and Emerging E-Learning Technologies (ICAC2ET 2013), Singapore.  
<http://www.icac2et.com/committee12.php>
- **Technical Committee Member:** 2<sup>nd</sup> International Conference on Internet and Cloud Computing Technology (ICICCT 2013), Singapore.  
<http://www.icicct.com/committee12.php>
- **Technical Committee Member:** 5<sup>th</sup> International Conference on Wireless Information System & Business Information System (WINBIS 2013), Kathmandu, Nepal.  
<http://www.win-bis.com/committee12.php>
- **Technical Committee Member:** 2<sup>nd</sup> International Conference on Information Technology, System and Management (ICITSM 2013), Dubai, UAE.  
<http://www.icitsm.com/committee12.php>
- **Technical Committee Member:** 2<sup>nd</sup> International Conference on Human Computer Interaction Learning Technology (IHCILT 2013), Abu Dhabi, UAE.  
<http://www.ichciit.com/committee12.php>
- **Technical Committee Member:** 3<sup>rd</sup> International Conference on E-Learning and Knowledge Management Technologies (ICEKMT 2013), Bangkok, Thailand.  
<http://www.icekm.com/committee12.php>
- **Technical Committee Member:** International Conference on Information, Communication and Computer Networks (ICICCN 2013), Bangkok, Thailand.  
<http://www.iciccn.com/committee.php>
- **Conference-General Chair:** International Forum on Advances in Engineering (IFAE 2013) being organized by Computer Science and Electronic Technology International Society, and co-sponsored by Azad University of Quchan, Balaji

Institute of Technology & Science, Monash University, Trans tech publications Inc. and Scientific.net.

<http://www.csetis.hk/ifae2013/com.htm>

- **Reviewer Committee Member:** International Conference on Intelligent Systems and Signals Processing (ISSP 2013) being organized by GH Patel College of Engineering, Gujarat, India.

<http://www.gcet.ac.in/issp/callforpaper/callforpaper.htm>

- **Technical Program Committee Member:** 2<sup>nd</sup> International Conference Computing Communication System and Informatics Management (ICCCSIM 2013), Phuket, Thailand.

<http://www.icccsim.com/committee.php>

- **Technical Program Committee Member:** 2<sup>nd</sup> International Conference on Internet Computing, Informatics in E-Business and Applied Computing System (ICIEACS-2013), Phuket, Thailand.

<http://www.icieacs.com/committee.php>

- **Technical Programme Committee Member:** 2<sup>nd</sup> International Conference on Computer Science, Information System & Communication Technologies (ICCSISCT 2013), Sydney, Australia.

<http://www.csisct.com/committee13.php>

- **Technical Programme Committee Member:** 2<sup>nd</sup> International Conference on Human Computing, Education and Information Management System (HCEIMS 2013), Sydney, Australia

<http://www.hceims.com/committee13.php>

- **Technical Programme Committee Member:** International Conference on Advance Computing and Communication (ICACC-2013) ACCENT (Association of Computer Communication Education for National Triumph) Ranchi, India.

<http://www.theaccents.org/icacc-conference/prog.html>

- **Programme Committee Member:** Second International Workshop on Cloud Computing: Services and Architecture (Cloud 2013), Delhi, India.  
<http://airccj.org/2013/cloud/programcommittee.html>
- **Organizing Committee:** IRAJ International Conference on Industrial Electronics and Electrical Engineering (IRAJ-ICIEEE 2013), Pune.  
<http://iraj.in/Conference/2013/April-2013/Pune/icieee/organizingCommittee.php>
- **Organizing Committee:** IRAJ International Conference on Cloud Computing and Computer Science (IRAJ-ICCCS 2013), Pune.  
<http://iraj.in/Conference/2013/April-2013/Pune/icccs/organizingCommittee.php>
- **Organizing Committee:** IRAJ International Conference on Recent Development in Mechanical and Industrial Engineering (IRAJ-ICRDMIE 2013), Delhi.  
<http://iraj.in/Conference/2013/April-2013/delhi/icrdmie/organizingCommittee.php>
- **Organizing Committee:** International Conference on Electrical, Electronics and Computer Engineering (IRAJ-ICEECE 2013), Delhi.  
<http://iraj.in/Conference/2013/April-2013/delhi/iceece/organizingCommittee.php>
- **Organizing Committee:** International Conference on Advanced Computer Science and Information Technology (IRAJ-ICACSIT 2013), Goa.  
<http://iraj.in/Conference/2013/April-2013/goa/icacsit/organizingCommittee.php>
- **Organizing Committee:** International Conference on Electrical, Electronics and Robotics (IRAJ-ICEER 2013), Goa.  
<http://iraj.in/Conference/2013/April-2013/goa/iceer/organizingCommittee.php>
- **Organizing Committee:** International Academic Conference on Electrical, Electronics and Robotics (IRAJ-IACEER 2013), Pune.  
<http://iraj.in/Conference/2013/Pune/IACEER/organizingCommittee.php>

- **Technical Programme Committee:** International Conference on Emerging Trends, Technology and Research (ICETTR-2013) being organized by Accents, IJACR at Nagpur, Maharashtra, India.  
<http://www.theaccents.org/icettr-conference/program.html>
- **Reviewer:** The Fourth International Conference on E-Learning (ICEL 2013) being organized by VSB-Technical University of Ostrava, Czech Republic.  
<http://sdiwc.net/conferences/2013/icel2013/program-committees/>
- **Reviewer:** The Third International Conference on Digital Information Communication Technology and its Applications (DICTAP 2013) being organized by VSB Technical University of Ostrava, Czech Republic.  
<http://sdiwc.net/conferences/2013/dictap2013/program-committees/>
- **Reviewer:** The Second International Conference on E-Learning and E-Technologies in Education (ICEEE 2013) being organized by Technical University of Lodz.  
<http://sdiwc.net/conferences/2013/iceee2013/program-committees/>
- **Program Committee:** International Conference on Network, Management and Mobility (ICONMAM 2013) being organized by Association for Technology & Computing Literacy Society (ATCALS), Bangkok, Thailand.  
<http://www.iconmam.com/ic/index.php/2011-03-31-04-23-33>
- **Technical Programme Committee:** 2013 International Conference on Computer Sciences and Applications (CSA2013) at Wuhan, China.  
<http://www.csa2013.org/?op=committees>
- **Technical Program Member:** First International Conference on Mobile Computing, E-Commerce and Information Security System 2013 (ICMCEISS 2013) at Changi, Singapore.  
<http://www.icmceiss.com/ic/index.php/program-committee>



- **Technical Program Committee Member:** International Conference in Emerging Trends of E-Learning and Online Education Technologies (ICETEOET 2013), Abu Dhabi, UAE.  
<http://www.iceteoet.com/committee.php>
- **Technical Program Committee Member:** International Conference on Information Technology and Applications (ITA2013), Chengdu, China.  
<http://www.ita2013.org/?op=committees>
- **Organizing Committee:** International Conference on Recent Development in Mechanical and Industrial Engineering (IRCDMIE-2013) being organized by South Asian Research Center (SARC) at Bangkok, Thailand.  
<http://sarconf.org/conference/Bangkok/ICRDMIE/venue.php>
- **Organizing Committee:** International Conference on Electrical, Electronics and Computer Engineering (ICEECE-2013) being organized by South Asian Research Center (SARC) at Chennai, Tamil Nadu.  
[http://sarc.net.in/conference/Chennai/ICEECE/org\\_comm.php](http://sarc.net.in/conference/Chennai/ICEECE/org_comm.php)
- **Organizing Committee:** International Conference on Computer Science and Mechanical Engineering (ICCSME-2013) being organized by South Asian Research Center (SARC) at Pune, India.  
<http://sarc.net.in/conference/pune/ICCSME/Venue.php>
- **Organizing Committee:** International Conference on Industrial Electronics and Electrical Engineering (ICIEEE-2013) being organized by South Asian Research Center (SARC) at Pune, India.  
<http://sarc.net.in/conference/pune/icieee/Venue.php>
- **Organizing Committee:** International Conference on Industrial Electronics and Computer Engineering (ICIECE-2013) being organized by South Asian Research Center (SARC) at New Delhi, India.  
[http://sarc.net.in/conference/delhi/ICIECE/organise\\_committe.php](http://sarc.net.in/conference/delhi/ICIECE/organise_committe.php)

- **Technical Committee:** 4<sup>th</sup> International Conference on Emerging Trends in Engineering and Technology (IETET 2013) being organized by Geeta Institute of Management and Technology, Kanipla, Kurukshetra.  
<http://ietet.gimt.edu.in/main.jsp?id=5>
- **Advisory Committee:** 1<sup>ST</sup> International e-Conference on Emerging Trends in Technology (e-ICETT 2013) being sponsored by IJATER, IJRSG and ISTP.  
<http://editorijater.wix.com/e-icett-2013#!committee/cfvg>
- **Advisory Committee:** International Conference on Advanced Information Communication Technology in Engineering (ICAICTE 2013) being organized by the Technological Institute of Textile & Sciences (TITS), Bhiwani, Haryana.  
<http://icaicte.titsbhiwani.ac.in/index.php/advisory-committee>
- **Program Committee:** Workshop on Mobile and Wireless 2013 (Mobile2013SE) being organized by Jeju National University International Center, Jeju Island, Korea.  
<http://www.interworkshop.org/Mobile2013SE/#oc>
- **Reviewer:** The International Conference on Digital Information Processing, E-Business and Cloud Computing (DIPECC 2013) being organized by Islamic Azad University, UAE Branch, Dubai, UAE.  
<http://sdiwc.net/conferences/2013/dipecc2013/program-committees/>
- **Technical Committee:** International Conference on Advance Technology in Information Systems & E-Education (ICATISE 2013) at Singapore.  
<http://www.icatise.com/committee.php>
- **Program Committee:** International Conference on Software Engineering and Knowledge Engineering (SEKE 2013), Pune, India.
- **Program Committee:** International Conference on Advances in Electrical and Electronics Engineering (AEEE 2013), Pune, India.  
[http://www.iisthub.com/IIST\\_Conf/AEEE\\_08Dec2013/ProgramComite.htm](http://www.iisthub.com/IIST_Conf/AEEE_08Dec2013/ProgramComite.htm)

- **Organizing Committee:** International Conference on Emerging Trends in Engineering and Techno-Sciences (ETETS 2013), Coimbatore, India.

[http://iisthub.com/IIST\\_Conf/ETETS\\_27Oct2013/HTMLPage.htm#Comm](http://iisthub.com/IIST_Conf/ETETS_27Oct2013/HTMLPage.htm#Comm)

- **Technical Committee Member:** International Conference on E-Learning and E-Educational Technology (ICELEET 2013) being organized in Sydney, Australia.

<http://www.iceleet.com/committee.php>

**2014**

- **Reviewer:** The Second International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAECE 2014) being organized by Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur, Malaysia.

<http://sdiwc.net/conferences/2014/taeece2014/program-committees/>

- **Reviewer:** The Fourth International Conference on Digital Information Processing and Communications (ICDIPC 2014) being organized by Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur, Malaysia.  
<http://sdiwc.net/conferences/2014/icdipc2014/program-committees/>
- **Reviewer:** The Third International Conference on E-Learning and E-Technologies in Education (ICEEE2014) being organized by Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur, Malaysia.  
<http://sdiwc.net/conferences/2014/iceee2014/program-committees/>
- **Reviewer:** The International Conference on Game-Theory, Development and Applications (ICGTDA 2014) being organized by Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur, Malaysia.  
<http://sdiwc.net/conferences/2014/icgtda2014/program-committees/>
- **Reviewer:** The Second International Conference on Green Computing, Technology and Innovation (ICGCTI 2014) being organized by Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur, Malaysia.  
<http://sdiwc.net/conferences/2014/icgcti2014/program-committees/>
- **Reviewer:** The Second International Conference on E-Technologies and Business on the Web (EBW2014) being organized by Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur.  
<http://sdiwc.net/conferences/2014/ebw2014/program-committees/>
- **Reviewer:** International Conference on Computer Security and Digital Investigation (ComSec 2014) being organized by Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia.  
<http://sdiwc.net/conferences/2014/comsec2014/program-committees/>
- **Program Committee:** 2014 International Conference on Modern Automation Technology and Application (MATA 2014) at Guangzhou, China.  
<http://www.mata2014.org/?op=committee>

- **Program Committee:** 2014 International Conference on Environmental Protection and Sustainable Ecological Development (EPSSED 2014) at Changsha, Hunan, China.  
<http://www.epsed2014.com/Committee.html>
- **Technical Committee:** Science and Information Conference 2014 (SAI Conference 2014) at London, UK.  
<http://thesai.org/SAIConference2014/Committees>
- **Technical Committee:** International Conference on Advanced Computing & Communication Technologies (ACCT 14), Rohtak, Haryana.  
<http://rgsociety.org/acct14/comm/orgcomm.html>
- **Program Committee:** International Conference on Industrial Electronics and Electrical Engineering (IEEE 2014), New Delhi, India.  
[http://www.iisthub.com/IIST\\_Conf/IEEE\\_19Jan2014/ProgramComite.aspx](http://www.iisthub.com/IIST_Conf/IEEE_19Jan2014/ProgramComite.aspx)
- **Program Committee:** International Conference on Computer Science and Mechanical Engineering (CSME 2014), New Delhi, India.  
[http://www.iisthub.com/IIST\\_Conf/CSME\\_NewDelhi/ProgramComite.htm](http://www.iisthub.com/IIST_Conf/CSME_NewDelhi/ProgramComite.htm)
- **Program Committee:** International Conference on Advances in Civil and Mechanical Engineering (ACME 2014), Tirupati, India.  
[http://www.iisthub.com/IIST\\_Conf/ACME\\_02Feb2014/ProgramComite.aspx](http://www.iisthub.com/IIST_Conf/ACME_02Feb2014/ProgramComite.aspx)
- **Program Committee:** International Conference on Electrical Electronics in Computer Science (EECS 2014), Tirupati, India.  
[http://www.iisthub.com/IIST\\_Conf/EECS\\_02Feb2014/ProgramComite.aspx](http://www.iisthub.com/IIST_Conf/EECS_02Feb2014/ProgramComite.aspx)
- **Reviewer:** The International Conference on Digital Security and Forensics (DigitalSec 2014) being organized by VSB-Technical University of Ostrava, Czech Republic.
- **International Advisory/Editorial Board:** International Conference on Trends in Mechanical, Aeronautical, Computer, Civil, Communication and Electrical

Sciences (ICMACE 2014) being organized by Tamizhan College of Engineering and Technology.

<http://icmace14.org/international-advisory-editorial-board.html>

- **Technical Committee:** 2014 International Parallel Conferences on Researchers in Industrial and Applied Sciences (CFMMA) being organized in Dubai, UAE.

<http://conferences.standard.org/dubai/cfmma/com.html>

- **Conference Chair:** 2014 2<sup>nd</sup> International Conference on Materials and Manufacturing Research (ICMMR 2014) being organized in Guilin, China.

<http://www.icmmr2nd.org/committee.htm>

- **Technical Committee Member:** 3<sup>rd</sup> International Conference on Human Computing, Education and Information Management System (ICHCEIMS 2014) being organized in Sydney, Australia.

<http://www.hceims.com/committee.php>

- **Technical Committee Member:** 2014 2<sup>nd</sup> International Conference on Computer Science, Electronic Technology and Intelligent System (CSETIS 2014) being organized in Guilin, China.

<http://www.csetis.org/committee.htm>

- **Organizing Committee:** 2014 International Conference on Industrial Electronics and Electrical Engineering (ICIEEE 2014) being organized by Science Plus Association in Singapore.

<http://scienceplus.us/Conference/Singapore/ICIEEE/committee.php>

- **Organizing Committee:** 2014 International Conference on Recent Innovations in Computer Science and Information Technology (ICRICSIT 2014) being organized by Science Plus Association in Singapore.

<http://scienceplus.us/Conference/Singapore/ICRICSIT/committee.php>

- **Organizing Committee:** 2014 International Conference on Robotics, Automation and Communication Engineering (ICRACE 2014) being organized by Science Plus Association in Singapore.  
<http://scienceplus.us/Conference/Singapore/ICRACE/committee.php>
- **Organizing Committee:** 2014 International Conference on Mechanical and Industrial Engineering (ICMIE 2014) being organized by Science Plus Association in Singapore.  
<http://scienceplus.us/Conference/Singapore/ICMIE/committee.php>
- **Organizing Committee:** 2014 International Conference on Mechanical, Aerospace and Production Engineering (ICMAPE 2014) being organized by Science Plus Association in Singapore.  
<http://scienceplus.us/Conference/Singapore/ICMAPE/committee.php>
- **Advisory Committee:** International Conference on Recent Innovations in Electrical, Electronics, Computer, Information, Communication and Mechanical Engineering (ICRIEECICME 2014), Pune, India.  
[http://isete.org/ICRICICME/advisory\\_board%20.php](http://isete.org/ICRICICME/advisory_board%20.php)
- **Organizing Committee:** International Conference on Recent Advance in Science, Engineering and Technology (ICRASET 2014), Pune, India.  
<http://isite.org.in/committee.php>
- **Advisory Board/Technical Programme Committee:** IEEE Sponsored International Conference on Signal Propagation and Computer Technology (ICSPCT 2014) being organized by Government Engineering College, Ajmer, Rajasthan.  
<http://icspct2014.in/advisoryCommittee.html>
- **Organizing Committee:** International Conference on Advancements in Engineering, Technology and Management (AETM 2014) being organized by Cosmic Journals Association in Bangkok, Thailand.  
<http://aetm2014.cosmicjournals.com/organizing-commitee/>

- **Reviewer:** The Third International Conference on Informatics Engineering & Information Science (ICIEIS 2014) being organized by Lodz University of Technology, Lodz, Poland.

<http://sdiwc.net/conferences/2014/icieis2014/program-committees/>

- **Conference Chairs:** 2014 World Conference on Control, Electronics and Computer Engineering (WCCECE 2014) being organized in Qingdao, Shandong, China.

<http://www.wccece.org/committee.htm>

- **Conference Chair:** 2014 3<sup>rd</sup> International Conference on Advanced Engineering Materials and Architectural Science (ICAEMAS 2014) being organized in Huhhot, Inner Mangolia.

<http://www.icaemas.org/committee.htm>

- **Technical Committee Member:** International Conference on Advance Technology in Information System and E-Education (ICATISE 2014) at Bangkok, Thailand.

<http://www.icatise.com/committee.php>

- **Technical Programme Committee / Advisory Committee:** 2<sup>nd</sup> IEEE International Conference on MOOCs, Innovation and Technology in Education (IEEEMITE 2014) being organized at Thapar University, Patiala.

<http://www.ieeemite2014.com/committees>

- **Programme Committee:** International Conference on Circuits and Systems (CIRSY-2014) being sponsored by AIRCCSE in Bangalore, India.

<http://airccse.com/cirsy/committee.html>

- **Organizing Committee:** International Conference on Recent Development in Mechanical and Industrial Engineering (ICRDMIE 2014) in New Delhi, India.

[http://sarc.net.in/2014\\_Conference/Delhi/ICRDMIE9/organise\\_committe.php](http://sarc.net.in/2014_Conference/Delhi/ICRDMIE9/organise_committe.php)



- **Programme Committee Member:** Second International Conference of Security, Privacy and Trust Management (SPTM 2014) at Chennai, India.  
<http://netcom2012.org/2014/sptm/committee.html>
- **Advisory Committee Member:** International Conference on Electrical, Electronics and Communications-2014 (ICEEC 2014) organized by IIST.  
<http://sacet.iisthub.com/Committee.htm>
- **Organizing Committee:** The IRED- International Conference on Mechanical, Aerospace and Production Engineering (ICMAPE-2014) being organized in Singapore.  
<http://ired-icmap.e.blogspot.in/p/organizing-committee.html>
- **Organizing Committee:** The 2<sup>nd</sup> IRED International Conference on Education and E-Learning (ICEEL-2014) being organized by IRED in Singapore.  
<http://ired-iceel.blogspot.in/p/organizing-committee.html>
- **Technical Programme Committee:** International Conference on Future Computing and Communication System (ICFCCS 2014) being organized in Dubai, U.A.E  
<http://www.icfccs.com/programcommittee.php>
- **Reviewer:** The International Conference on Education Technologies and Computers (ICETC2014) being organized by Lodz University of Technology, Poland.  
<http://sdiwc.net/conferences/2014/icetc2014/program-committees/>
- **Organizing Committee:** IACSIT Sponsored- International Conference on Recent Innovations in Science, Engineering and Technology (ICRISET 2014) being organized in Deira, Dubai.  
<http://2ndiacsit.blogspot.in/p/committee.html>
- **Technical Programme Committee Member:** International Conference on Innovation of Computing and Engineering Technology (ICICET 2014) being organized at Singapore.

<http://icicet.com/committee.php>

- **Conference Chairs:** 2014 World Conference on Electrical Engineering, Automation and Data Handling (EEADH 2014) at Huhhot, Inter Mangolia.

<http://eadh.org/committee.htm>

## 2015

- **Technical Program Committee:** International Conference on Advanced Computing & Communication Technologies (ACCT15), Rohtak being organized by RG Educational Society, Rohtak.

<http://rgsociety.org/acct15/comm/orgcomm.html>

- **Programme Committee Member:** International Conference on Electrical & Computer Engineering (E & C 2015) in Bangalore, India.

<http://iidco.org/2015/ece/commitee.html>

- **Advisory Committee:** International Conference on Computer Science and Information Technology: Trends, Challenges and Issues 2015 being organized by Rukmani Devi Institute of Advanced Studies, New Delhi.

<http://rdias.ac.in/CSIT/Advisory%20Committee.php>

- **Advisory Committee:** International Conference on Advances in Computer Science, Electronics and Communication Technologies (ACSECT 15) organized by Cosmic Journals at Bangkok, Thailand.

<http://acsect2015.cosmicjournals.com/organizing-committee.php#sthash.cgmRY3Rh.dpbs>

- **Technical Programme Committee:** International Conference on Network and Information Systems for Computers (ICNISC-2015) being organized in Wuhun, Hubei, China.

<http://www.cnis-2015.org/?op=committee>

- **Technical Committee Member:** International Conference on Recent Trends in Science, Engineering and Technology (ICRTSET-2015) being organized by ARC Journals in Chennai, India.

<http://www.arcjournals.org/conferences/icrtset-2015/?page=committe#>

- **Technical Committee:** SAI Intelligent Systems Conference 2015 (IntelliSys 2015) at London, U.K.

<http://www.saiconference.com/IntelliSys2015/Committees>

- **International Advisory Board:** International Conference on Trends in Engineering and Technology, Science and Humanities and Management 2015 (ICTETSHAM 15) being organized by Tamizhan College of Engineering and Technology, Kanyakumari, Tamil Nadu, India.

<http://www.ictetsham15.org/international-advisory-board-.html>

- **Organizing Committee:** SARC- International Conference on Electrical, Electronics and Computer Engineering (ICEECE 2015) being organized in Chennai, India.

[http://sarc.net.in/2015/Chennai/ICEECE/org\\_comm.php](http://sarc.net.in/2015/Chennai/ICEECE/org_comm.php)

- **Advisory Committee:** ISETE- International Conference on Recent Innovations in Electrical, Electronics, Computer, Information, Communication and Mechanical Engineering (ICRIEEICME 2015) being organized in Nagpur, India.

[http://isete.org/Conference2015/ICRICICME1/advisory\\_board%20.php](http://isete.org/Conference2015/ICRICICME1/advisory_board%20.php)

- **Advisory Committee:** 2015 International Workshop on Materials, Manufacturing Technology, Electronics and Information Science (MMTEI 2015) being organized in Wuhan, China.

<http://www.mmtei.org/?op=committee>

- **Organizing Committee:** International Engineering and Business Society (IEBS)-Sponsored 2015 International Conference on Robotics, Automation and Communication Engineering (ICRACE-2015) being organized by The Seasons Bangkok Siam Hotels, Rajatevee, Bangkok.  
<http://2015-sixth-icrace.blogspot.in/p/committee.html>
- **Organizing Committee:** International Economic and Finance Society (IEFS) Sponsored- 2015 International Conference on Recent Innovations in Science, Engineering and Technology (ICRISET-2015) being organized at Flora Grand Hotel, Deira, Dubai, U.A.E.  
<http://2015-third-icriset.blogspot.in/p/committee.html>
- **Technical Committee:** 4<sup>th</sup> International Conference on Computer Science, Information System and Communication Technologies (ICCSISCT 2015) being organized in Sydney, Australia.  
<http://www.csisct.com/committee.php>
- **Technical Programme Committee:** 2<sup>nd</sup> International Online Conference on Research in Science, Engineering and Management (IOCRSEM 2015) being organized by Uttrakhand Technical University, Dehradun.  
<http://iocrsem.wit.ac.in/?q=node/7>
- **Technical Programme Committee:** International Conference on E-Learning Management and Computing System (ICEMCS 2015) being organized in Amsterdam, The Netherlands.  
<http://www.icemcs.com/programcommittee.php>
- **International Scientific Committee:** 2015 International Conference on Computer Information Systems and Industrial Applications (CISIA 2015) being organized in Bangkok, Thailand.  
<http://www.cisia2015.org/com.htm>

- **Technical Programme Committee:** 2015 International Workshop on Wireless Communication and Network (IWWCN 2015) being organized in Kunming, Yunnan, China.  
<http://www.iwwcn2015.org/?op=committee>
- **Programme Committee:** International Conference on Computer Science and Human Computer Interaction (ICCSHCI 2015) being organized in Munich, Germany.  
<http://www.iccshci.com/committee.php>
- **Programme Committee Member:** Third International Conference on Computational Science and Engineering (CSE 2015) being organized at Dubai, UAE  
<http://iidco.org/committee.html>
- **Programme Committee:** IAASSE- International Conference on Cyber Security (ICCS-2015) at City of Redlands, California, USA.  
<http://iccs2015.iaasse.org/organizers>
- **Programme Committee:** International Conference on Computer Science, Engineering and Innovations (ICCSEI 2015) being organized in London, U.K.  
<http://www.iccsei.com/programcommittee.php>
- **Programme Committee:** 2<sup>nd</sup> International Conference on Computer Science and Applications (CSA 2015) being organized at Wuhan, Hubei, China.  
<http://www.csa2015.org/?op=committee>
- **Programme Committee:** 4<sup>TH</sup> International Conference on Cryptography and Information Security (CRYPIS 2015) being organized at Sydney, Australia.  
<http://ccsit2015.org/cryips2015/index.html>
- **Technical Committee:** 2<sup>nd</sup> International Conference on Advance Technology in Information System and E-Education (ICATISE 2015) being organized in Dubai, UAE.

<http://www.icatise.com/committee.php>

- **Reviewer Committee:** International Conference on Image Processing, Production and Computer Science (ICIPCS 2015) being organized by Universal Researchers in Engineering (URENG) in Topkapi Istanbul, Turkey.

<http://icipcs.org/committee.php>

- **Reviewer Committee:** International Conference on Computing Techniques and Mechanical Engineering (ICCTME 2015) being org organized by Universal Researchers in Engineering (URENG) in Kathu, Phuket, Thailand.

<http://icctme.org/committee.php>

- **Reviewer Committee:** International Conference on Future Computational Technologies (ICFCT 2015) being organized by Universal Researchers in Engineering (URENG) in Singapore.

<http://icfct.org/committee.php>

- **Technical Committee:** International Conference on Recent Advances in Computing, Communication and Electrical Technology (RACCET-2015) being organized by Department of Computer Science and Engineering, H.R. Institute of Technology, Ghaziabad, U.P.

<http://www.aestjournal.org/images/conference1.pdf>

- **International Scientific Committee:** 2015 International Conference on Computer Science and Environmental Engineering (CSEE 2015) being organized in Beijing, China.

<http://www.csee2015.org/com.htm>

- **Technical Review Committee Member:** The 2<sup>nd</sup> International Conference on eBusiness, eCommerce, eManagement, eLearning and eGovernance 2015 being organized by University of Westminster, London, U.K.

<http://ic5e.org/comt.php>

- **Technical Programme Committee Member:** 3<sup>rd</sup> International Conference on Computing, E-Learning and Emerging Technology (ICCELET 2015) being organized at Kuala Lumpur, Malaysia.  
<http://www.iccelet.com/committee.php>
- **Technical Programme Committee Member:** 3<sup>rd</sup> International Conference in Advanced Trends of E-Learning and Online Education Technology (ICATEOET 2015) being organized at Bangkok, Thailand.  
<http://www.icateoet.com/committee.php>
- **Programme Committee:** International Conference on Natural Language Processing (NATP 2015) at Bangalore, India.  
<http://csen2015.org/natp/committee.html>
- **Technical Committee:** International Conference on Innovative Trends in Electronics Communication and Applications (ICIECS 2015) being organized at Chennai, India.  
<http://icieca.in/commt.php>
- **Technical Programme Committee:** 2015 International Workshop on Wireless Communication and Network (IWWCN 2015) being organized at Kunming, Yunnan, China.  
<http://www.iwwcn2015.org/?op=committee>
- **Technical Review Committee Members:** 2<sup>nd</sup> International Conference on Information Engineering, Management and Security 2015 being organized at VVCET, Thiruchengode, India.  
<http://www.iciems.in/comt.php>
- **Programme Committee:** 7<sup>th</sup> International Conference on Grid Computing (GridCom-2015) being organized in Delhi, India.  
<http://iccsea.org/gridcom/program.html>

- **Technical Committee:** ASDF-WSS (World Security Summit) 2015 being organized in Bangalore, India.  
<http://www.asdf-wss.com/committee.php>
- **Programme Committee:** International Conference on Computing Paradigms (ICCP 2015) being organized by Don Bosco College, Yelagiri Hills, Tamil Nadu, India.  
<http://iccpconferences.org/index.html>
- **Technical Programme Committee/ Advisory Committee:** 3<sup>rd</sup> International Conference on MOOCs, Innovation and Technology in Education (MITE 2015) being organized by Amritsar College of Engineering and Technology, Amritsar.  
<http://www.mite2015.com/committees.php>
- **Organizer:** International Conference on Green Computing and Internet of Things (ICGCIoT 2015) being organized by GCET, Noida, India.
- **Special Session on Swarm Intelligence**  
<http://gciot-conference.org/2015/sssi15.html>
- **Special Session on Wireless Communications Engineering and Technology**  
<http://gciot-conference.org/2015/sswcet15.html>
- **Special Session on Network Security, Services and Applications**  
<http://gciot-conference.org/2015/ssnssa15.html>
- **Organizing Committee:** All Conferences of Technoarete.com (A Division of IRAJ Association)  
<http://technoarete.com/>
- **Editorial Committee:** International Workshop on Wireless and Mobile Communication for Industrial Systems (WMCIS 2015) being organized in Jeju National University International Center, Jeju Island, Korea.  
<http://interworkshop.org/WMCIS2015/>



- **Programme Committee:** International Conference on Innovative Research in Engineering Science, Information and Communication Technology (ICREICT 2015) being organized by IRD India at Lala Lajpat Rai College of Engineering and Technology, Moga, Punjab, India.  
[http://www.icreict.co.in/editorial\\_board.html](http://www.icreict.co.in/editorial_board.html)
- **Technical Committee:** The Third International Conference on Human Machine Interaction 2015 (ICHMI 2015) being organized by ASDF International Association in Kuala Lumpur, Malaysia.  
<http://www.intconfhmi.com/cmt.php>
- **Technical Committee:** International Conference on Systems, Science, Control, Communication, Engineering and Technology (ICSSCET 2015) being organized by Karpagam Institute of Technology, India along with ASDF Association.  
<http://icsscet.org/comt.php>
- **Technical Committee:** International Conference on Interdisciplinary Research in Electronics and Instrumentation (ICIREIE 2015) being organized by Bhartiya University, Coimbatore, India.  
<http://icireie.org/comt.php>
- **Technical Programme Committee:** Science and Engineering Research Center (SERC), China  
<http://www.sc-center.org/?op=committees>
- **Technical Programme Committee:** Seventh International Conference on Web Services and Semantic Technology (WEST 2015) being organized in Chennai, India.  
<http://aicty.org/2015/west/program.html>
- **International Scientific Committee:** 2015 International Conference on Electrical and Electronics: Techniques and Applications (EETA 2015) being organized in Phuket, Thailand.  
<http://www.eeta2015.org/com.html>

- **Technical Review Committee:** International Conference on Computer Applications (ICCA 2015) being organized in Pondicherry, India.  
<http://www.icca.co.in/committed.php>
- **International Advisory Committee:** 6<sup>th</sup> World Conference on Information Technology being organized Jointly by Cleveland State University, Near East University, Middlesex University, Manchester Metropolitan University, International University Washington DC, University of Nevada, Las Vegas, Global Journal of Information Technology at Las Vegas, USA.  
[http://www.awer-center.org/wcit/?page\\_id=12](http://www.awer-center.org/wcit/?page_id=12)
- **General Chair:** 2015 International Conference on Power, Energy Engineering and Management (PEEM 2015) being organized in Phuket, Thailand.  
<http://www.peem2015.org/com.htm>
- **Technical Program Committee:** International Conference on Computers and Management (ICCM 2015) being organized by Center for Global Management, California State University, San Bernardino, USA & SS Jain Subodh PG College, Jaipur, India.  
<http://iccm2015.iaasse.org/iccm-organizers>
- **Conference Chairs:** 2015 World Conference on Control, Electronics and Computer Engineering (WCCECE 2015) being organized in Qingdao, Shadong, China.  
<http://www.wcecece.org/committee.htm>
- **Reviewer Committee:** International Conference on Computer, Control and Communication Technologies (CCCT) being organized at Porto Bello Hotel Resort & Spa, Akdeniz Bulvarı 1. Sokak.  
<http://ccct.eaceee.org/committee.php>
- **Reviewer Committee:** International Conference on Electronics, Computer and Information Technology being organized Grand Seasons Hotel, Kuala Lumpur by ECIT.  
<http://ecit.eaceee.org/committee.php>

- **National Advisory Committee:** International Conference on Recent Trends in Science and Engineering (ICRTSE 2015) being organized by P.R. Patil College of Engineering and Technology, Amravati.  
[http://icrtse.co.in/editorial\\_board.html](http://icrtse.co.in/editorial_board.html)
- **Scientific Programme Committee:** IIR Virtual Conference on Science, Engineering and Technology Applications, Integrated Intelligent Research, Chennai, India (IIRVCSETA 2015)  
<http://www.iirvcseta.org/Committee.php>
- **Reviewer Committee:** International Conference on Data Mining, Electronics and Information Technology (DMEIT) being organized at Mercure Pattaya Ocean Resort, Thailand.  
<http://dmeit.eaceee.org/committee.php>
- **Advisory Board:** International Conference on Recent Innovations in Electrical, Electronics, Computer, Information, Communication and Mechanical Engineering (ICRIEECICME 2015) being organized by ISETEat Vizag.  
[http://isete.org/2015Conference/Vizag/ICRIEECICME2/advisory\\_board%20.php](http://isete.org/2015Conference/Vizag/ICRIEECICME2/advisory_board%20.php)
- **Editorial Committee:** International Workshop on Security Technology for Smart Device (STSD 2015) being organized at Jeju National University International Center, Jeju Island, Korea.  
<http://interworkshop.org/STSD2015/>
- **Programme Committee:** Sixth International Conference on Communications Security and Information Assurance (CSIA 2015) being organized at New Delhi, India.  
<http://iccsea.org/csia/program.html>
- **Programme Committee:** International Conference on Software Engineering (SOFT-2015) being organized at Coral Deira, Dubai.  
<http://icaita.org/soft/programcommittee.html>

# 2016

- **Technical Review Committee:** 2<sup>nd</sup> International Congress 2016 at Bangkok, Thailand.  
<http://intcongress.com/com.php>
- **Technical Committee:** International Conference on Inter Disciplinary Research in Engineering and Technology (ICIDRET 2016) being organized by Government of New Delhi, New Delhi, India.  
<http://www.icidret.in/comt.php>
- **Technical Committee:** International Conference on Cloud of Things and Wearable Technologies 2016 being organized by Oakland University, Michigan, US.  
<http://iccotwt.com/comt.php>
- **Technical Committee:** SAI Computing Conference 2016 being organized at London, U.K.  
<http://www.saiconference.com/Computing2016/Committees>
- **Advisory Committee:** 3<sup>rd</sup> International Conference on Advances in Computer Science, Electronics and Communication Technologies (ACSECT 2016) being organized in Bangkok, Thailand by Cosmic Journals, India.  
<http://acsect2016.cosmicjournals.com/organizing-committee.php#sthash.qJh1K5KV.dpbs>
- **Technical Committee:** 2<sup>nd</sup> International Conference on Systems, Science, Control, Communication Engineering and Technology (ICSSCET 2016) being organized by Karpagam Institute of Technology, India.  
<http://www.icsscet.org/comt.php>

- **Technical Committee:** International Conference & Workshop on Design and Manufacturing Automation (ICWDMA 2016) being organized by Thakur College of Engineering and Technology, Mumbai, India.  
<http://tcetcidma.wix.com/mech#!committees/on8t0>
- **Technical Programme Committee:** INDIACom 2016- Special Session on Recent Trends in Instrumentation and Control Engineering being organized by BVM, New Delhi.  
<http://www.bvicam.ac.in/indiacom/splSessionDetails.asp?sessionRequestID=215>
- **Programme Committee:** IIR International Conference on Science, Engineering and Technology Applications (ICSETA 2016) being organized in Payyata, Thailand.  
<http://www.icseta.org/Committee.php>
- **General Chair:** 2016 International Conference on Informatics, Management Engineering and Industrial Application (IMEIA 2016) being organized in Phuket, Thailand.  
<http://www.imeia2016.org/com.htm>
- **Reviewer:** The International Conference on Innovations in Intelligent Systems and Computing Technologies (ICIISCT 2016) being organized in Las Pinas-Manila, Philippines at University of Perpetual Help System DALTA.  
<http://sdiwc.net/conferences/iciisct2016/program-committees/>
- **Reviewer:** The Second International Conference on Green Computing, Intelligent and Renewable Energies (GCIRE 2016) being organized in Las Pinas-Manila, Philippines at University of Perpetual Help System DALTA.  
<http://sdiwc.net/conferences/gcire2016/program-committees/>
- **International Committee:** International Conference on Intelligent Communication, Control and Devices (ICICCD-2016) being organized by University of Petroleum and Energy Studies (UPES), Dehradun.

[http://iciccd2016.com/international\\_committee.php](http://iciccd2016.com/international_committee.php)

- **Organizing Committee:** International Conference on Internet of Things and Applications for Smart City (ICIOTAS-16) being organized by Annamacharya Institute of Technology & Sciences and Institute for Engineering Research and Publication.

<http://iferp.in/aits/Committee.php>

- **Technical Programme Committee:** Future Technologies Conference 2016 (FTC 2016) being organized by SAI Conferences at San Francisco, United States.

<http://www.saiconference.com/FTC2016/Committees>

- **Technical Committee:** International Conference on Recent Trends in Computing Communication and Science (ICRTCCS) being organized under QIP in Collaboration with Savitribai Phule Pune University, India.

[http://icrtccs.isquareit.edu.in/tech\\_committee.html](http://icrtccs.isquareit.edu.in/tech_committee.html)

- **Technical Committee:** 5<sup>th</sup> International Conference on Emerging Trends in Engineering and Technology (IETET 2016) being organized by Geeta Institute of Management and Technology, Haryana, India.

<http://ietet.gimt.edu.in/main.jsp?id=5>

- **Technical Programme Committee:** 5<sup>th</sup> International Conference on E-Learning and Knowledge Management Technologies (ICEKMT 2016) being organized at Kuala Lumpur, Malaysia.

<http://www.icekmt.iisrcgroup.org/committee.php>

- **Technical Programme Committee:** 2<sup>nd</sup> Annual International Workshop on Wireless Communication and Network (IWWCN 2016) at Shenzhen, Guangdong, China.

<http://www.iwwcn2016.org/?op=committee>

- **Technical Science Committee:** International Conference on Network and Information Systems for Computers (ICNISC 2016) being organized at Wuhun, China.

<http://www.icnisc2016.org/?op=committee>

- **Programme Committee Member:** Third International Conference on Circuits and Systems (CIRSY-2016) being organized in Dubai, UAE.

<http://csen2016.org/cirsy/committee.html>

- **Technical Committee:** International Conference on Internet of Things and Cloud Computing 2016 (ICIOTCC 2016) being organized in Dubai, UAE.

<http://www.iciotcc.com/comt.php>

- **Technical Programme Committee:** 4<sup>th</sup> IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE 2016) being organized by Thiagarajar College of Engineering, Madurai.

<http://www.mite2016.com/tpc.php>

- **Technical Programme Committee:** 2016 Second IEEE International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2016) being organized by RCC Institute of Information Technology, Kolkata.

<http://icrcicn2016.icrcicn.in/>

- **Technical Programme Committee:** 10<sup>th</sup> IEEE ICOSST (International Conference on Open Source Systems and Technologies) organized by Al-Khawarizmi Institute of Computer Science, University of Engineering and Technology (UET), Lahore (Pakistan).

[http://icosst.kics.edu.pk/2016/main/tech\\_prog](http://icosst.kics.edu.pk/2016/main/tech_prog)

- **Technical Programme Committee:** 2016 International Conference on GeoInformatics (ICG 2016) being organized at Grand Trustel Aster Suzhou.

<http://www.icgwc2016.org/?op=committee>

- **Editorial Board:** 6<sup>th</sup> World Congress on Electrical Engineering, Computer Science and Information Technology (ISCDBU 2016) being organized at University of Barcelona, Spain.

<http://itconf.me/en/jurors.php>

- **Editorial Committee:** 5<sup>th</sup> International Conference on Electrics, Electronics and Computer Science (EEE 2016) being organized by International Center, Jeju National University, Jeju Island, Korea.

<http://www.conferen.org/EEC2016/comm.php>

- **International Scientific Committee:** 2016 International Conference on Energy, Power and Electrical Engineering (EPEE 2016) being organized at Shenzhen, China.

<http://www.epee2016.org/com.htm>

- **Technical Programme Committee:** 2<sup>nd</sup> International Conference on Next Generation Computing Technologies being organized by UPES, Dehradun, India.

<http://ngct2016.ngct.org/home/conference-committee/tpc>

- **Technical Programme Committee:** 4<sup>th</sup> International Conference on Innovative Trends in Electronics Communication and Applications (ICIECA 2016) being organized at Karpaga Vinayaga College of Engineering and Technology, Chennai, India.

<http://icieca.in/comt.php>

- **Technical Programme Committee:** First International Conference on Advances and Challenges in Interdisciplinary Engineering and Management (ICACIEM 2016) being organized at Tejaa Shakhti Institute of Technology for Women, Coimbatore, India.

<http://icaciem.org/comt.php>

- **Programme Committee:** Fourth International Conference of Security, Privacy and Trust Management (SPTM 2016) being organized in Chennai, India.

<http://acity2016.org/SPTM/program.html>

**2017**



- **Technical Committee: Sixth International Conference on Computer Application (ICCA 2017) being organized at Chennai, India.**  
<http://icca.co.in/comt.php>
- **Technical Committee: International Conference on Architecture and Civil Engineering (ICACE 2017) being organized at Singapore.**  
<http://icace.coreconferences.com/comt.html>
- **Technical Committee: International Conference on Business, Finance and Economics (ICBFE 2017) being organized at Singapore.**  
<http://icbfe.coreconferences.com/comt.html>
- **Technical Committee: International Conference on Climate Change Adaptation and Multidisciplinary Issues (ICCCAMI 2017) being organized at Singapore.**  
<http://icccami.coreconferences.com/comt.html>
- **Technical Committee: International Conference on Cyber Security and Connected Technologies (ICCSCT 2017) being organized at Singapore.**  
<http://iccsct.coreconferences.com/comt.html>
- **Technical Committee: International Conference on Education, Transportation and Disaster Management (ICETDM 2017) being organized at Singapore.**  
<http://icetdm.coreconferences.com/comt.html>
- **Technical Committee: International Conference on Flood Risk Management and Water Pollution (ICFRMWP 2017) being organized at Singapore.**  
<http://icfrmwp.coreconferences.com/comt.html>
- **Technical Committee: International Conference on Language Teaching and Religious Studies (ICLTRS 2017) being organized at Singapore.**  
<http://icltrs.coreconferences.com/comt.html>

- **Technical Committee:** International Conference on Universities and Women Studies (ICUWS 2017) being organized at Singapore.  
<http://icuws.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Business Management, Society and Human Beings (ICBMSHB 2017) being organized at Ottawa, Canada.  
<http://icbmshb.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Education, Business and Architecture Design (ICEBAD 2017) being organized at Ottawa, Canada.  
<http://icebad.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Globalization and Issues of Higher Education (ICGIHE 2017) being organized at Ottawa, Canada.  
<http://icgihe.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Global Peace (ICGP 2017) being organized at Ottawa, Canada.  
<http://icgp.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Social Science and Public Affairs (ICSSPA 2017) being organized at Ottawa, Canada.  
<http://icsspa.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Technology and Environmental Science (ICTES 2017) being organized at Ottawa, Canada.  
<http://ictes.coreconferences.com/comt.html>
- **Technical Committee:** International Conference on Tourism, Travel and Philosophy (ICTTP 2017) being organized at Ottawa, Canada.  
<http://icttp.coreconferences.com/comt.html>

- **Technical Committee:** International Conference on Women's Leadership (ICWL 2017) being organized at Ottawa, Canada.  
<http://icwl.coreconferences.com/comt.html>
- **Programme Committee:** 3<sup>rd</sup> International Conference on Geographical Information Systems Theory, Applications and Management (GITAM 2017) being organized at Porto, Portugal.  
<http://www.gistam.org/programcommittee.aspx>
- **Technical Committee:** International Conference on Computer, Engineering, Law, Education and Management 2017 being organized at Seoul, South Korea.  
<http://www.iccelem.com/comt.php>
- **Technical Programme Committee:** The Ninth International Conference on Future Computational Technologies and Applications (Future Computing 2017) being organized at Athens, Greece.  
<http://www.iaria.org/conferences2017/ComFUTURECOMPUTING17.html>
- **Programme Committee Member:** Fifth International Conference on Signal, Image Processing and Pattern Recognition (CCSIT 2017) being organized in Zurich Switzerland.  
<http://ccsit2017.org/SIPP/committee.html>
- **Technical Committee:** Second International Conference on Cloud of Things and Wearable Technologies (ICCOTWT 2017) being organized at Oakland University, Michigan, USA.  
<http://www.iccotwt.com/comt.php>
- **Technical Committee:** International Conference on Internet of Things and Cloud Computing 2017 (ICIOTCC 2017) being organized in Dubai, UAE.  
<http://www.iciotcc.com/comt.php>
- **Technical Committee Member:** 4<sup>TH</sup> International Conference on eBusiness, eCommerce, eManagement, eLearning and eGovernance (IC5E-2017) being organized by University of Greenwich, U.K.

<http://ic5e.org/comt.php>

- **Technical Committee:** Sixth International Conference on Cloud Computing and EGovernance (ICCCEG 2017) being organized by Greenwich University, U.K.

<http://iccceg.org/comt.php>

- **Technical Programme Committee:** First International Conference on Advanced Innovations in Engineering and Technology (ICAIET 2017) being organized at Rohini College of Engineering and Technology, Kanyakumari, India.

<http://icaiet.com/comt.php>

- **Technical Programme Committee:** 4<sup>th</sup> International Conference on Human Machine Interaction (ICHMI 2017) being organized at Tunis, Tunasia.

<http://www.intconfhmi.com/comt.php>

- **Technical Programme Committee:** First International Conference on Frontiers of Research in Engineering, Science and Technology (ICFOREST 2017) being organized at Suman College of Engineering, Coimbatore, India.

<http://icforest.in/comt.php>

- **Technical Programme Committee:** 4<sup>th</sup> International Conference on Information Engineering, Management and Security (ICIEMS 2017) being organized at Angel College of Engineering and Technology, Tirupur, India.

<http://iciems.in/comt.php>

- **Technical Programme Committee:** International Conference on Systems, Science, Control, Communication, Engineering and Technology (ICSSCET 2017) being organized by Karpagam Institute of Technology, India along with ASDF Association.

<http://icsscet.org/comt.php>

- **Technical Programme Committee:** 4<sup>th</sup> International Conference on Inter Disciplinary Research in Engineering and Technology (ICIDRET 2017) being organized in New Delhi, India.

<http://icidret.in/comt.php>

- **Technical Programme Committee:** International Conference on Cloud, Big Data and Analytics (ICCBDA 2017) being organized in Beijing, China.

<http://iccbda.org/comt.php>

- **Conference Outreach Committee:** International Conference on Next Generation Computing and Communication Technologies (ICNGCCT-17) being organized by Annamacharya Institute of Technology Sciences, Andhra Pradesh, India.

<http://icngcct.in/coc.php>

- **Technical Programme Committee:** 4<sup>th</sup> Annual International Conference on Information Technology and Applications (ITA2017) being organized at Guangzhou, China.

<http://www.ita2017.org/?op=committees>

- **Technical Programme Committee:** 2017 International Conference on Cloud Computing and Communication Engineering (CTCE 2017) at Guilin, China.

<http://www.ctce2017.org/?op=committee>

- **Programme Committee:** International Conference on Next Generation Computing and Communication Technologies (ICNGCCT-17) being organized in Rajampet, Kadapa, Andhra Pradesh.

<http://www.icngcct.org/coc.php>

- **Technical Programme Committee:** 3<sup>rd</sup> Annual International Conference on Modern Education and Social Science (MESS 2017) being organized in Nanjing, China.

<http://www.mess2017.org/?op=committee>

- **National Advisory Committee:** International Conference on Innovations and Development for Future Smart Cities (ICIDFSC-17) being organized by Priyadarshini Institute of Engineering & Technology, Nagpur and Institute for Engineering Research and Publication (IFERP)

<http://icidsc.in/nat.php>

- **Technical Program Committee:** 3<sup>rd</sup> Annual International Conference on Management Science and Engineering (MSE 2017) being organized in Guilin, Guangxi, China.

<http://www.mse2017.com/?op=committee>

- **Technical Program Committee:** 3<sup>rd</sup> International Conference on Next Generation Computing Technologies (NGCT 2017) being organized by University of Petroleum and Energy Studies (UPES), Dehradun.

<http://www.ngct2017.in/conference-committee/tpc>

- **Technical Program Committee:** 3<sup>rd</sup> International Conference on Advances in Computing, Communication and Automation (ICACCA 2017) being organized by Tula's Institute, The Engineering and Management College, Dehradun, India.

<http://www.icacca.in/committee/>

- **Technical Program Committee:** 11<sup>th</sup> IEEE International Conference on Open Source Systems and Technologies (ICOSST 2017) being organized by Al-Khawarizmi Institute of Computer Science, Lahore, Pakistan.

<http://icosst.kics.edu.pk/2017/>

- **The Science Committee:** 3<sup>rd</sup> Annual International Conference on Network and Information Systems for Computers (ICNISC 2017) being organized in Shanghai, China.

<http://www.icnisc2017.org/?op=committee>

- **Programme Committee Member:** 2nd International Conference on Electrical and Computer Engineering (E&C 2017) being organized in Dubai, UAE.

<http://csen2016.org/D2017/E&C2017/program.html>

- **Technical Program Committee:** 3<sup>rd</sup> Annual International Workshop on Wireless Communication and Network (IWWCN 2017) being organized at Beijing, China.

<http://www.iwwcn2017.org/?op=committee>

# 2018

- **Advisory Committee:** International Conference on Inventive Research in Computing Applications (ICIRCA 2018) being organized at RVS College of Engineering and Technology, Coimbatore.

<http://icirca18.com/Committee.html>

- **Technical Programme Committee:** 2<sup>nd</sup> International Conference on Data Management, Analytics and Innovation (ICDMAI 2018) being organized at Adhyogik Tantra Shikshan Sanstha's, Institute of Industrial and Computer Management and Research, Pune.

[http://www.icdmai.org/conf\\_committy](http://www.icdmai.org/conf_committy)

- **Advisory Committee:** 3<sup>rd</sup> International Conference on Conscientious & Unimpeachable Technologies (ICCUT 2018) being organized by Institute of Institutional Industrial Research (IIIR).

<http://www.iiir.co.in/iccut2018/main.php#team>

- **Publicity Chair:** International Conference on Innovative Computing and Communication (ICICC 2018) being organized by Guru Nanak Institute of Management (GNIM), New Delhi.

<http://www.icicc-conf.com/eb.html>

- **Technical Committee:** 2<sup>nd</sup> International Conference on Communication, Computing and Networking (ICCCN 2018) being organized by NITTTR Chandigarh.

[http://www.nitttrchd.ac.in/sitenew1/icccn\\_2018/tech\\_committee.php](http://www.nitttrchd.ac.in/sitenew1/icccn_2018/tech_committee.php)

- **Technical Programme Committee:** 4<sup>th</sup> International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2018) being organized at Funchal, Madeira, Portugal.

<http://www.gistam.org/ProgramCommittee.aspx>

- **Technical Programme Committee:** 10<sup>th</sup> International Conference on Future Computational Technologies and Applications (Future Computing 2018) being organized at Barcelona, Spain.  
<https://www.iaria.org/conferences2018/ComFUTURECOMPUTING18.html>
- **Technical Programme Committee:** 2<sup>nd</sup> International Conference on Contemporary Engineering and Technology (ICCET 2018) being organized by PSCMR College of Engineering and Technology, Vijaywada.  
<http://iccete.in/prog.html>
- **Technical Programme Committee:** 6<sup>th</sup> International Conference on Contemporary Engineering and Technology (ICCET 2018) being organized by Prince Shri Venkateshwara Padmavathy Engineering College, Ponmar, Chennai, Tamil Nadu.  
<http://iccet.in/prog152015.html>
- **Technical Programme Committee:** 2018 International Conference on Information Science and Technology (IST 2018) being organized in Wuhun, China.  
<http://www.icist2018.org/?op=committee>
- **Technical Programme Committee:** International Conference on Advances in Computing Applications (ICACA 18) being organized by National Institute of Technology (NIT), Uttrakhand.  
<http://www.icaca.in/org-committee.php>
- **Technical Committee:** The International Conference on Network Engineering and Information Security (NEIS 2018) being organized in Wuhun, China.  
<http://www.neis2018.org/?op=committee>
- **Programme Committee:** The Second International Conference on Information Technology Applications in Medicine (CITAM 2018) being organized in Duy Tan University, Vietnam.  
<https://duytan.edu.vn/conferences/home/CallForPaper/4-the-second-international-conference-on-information-technology-applications-in-medicine>



- **Organizing Committee:** 6<sup>th</sup> Global Summit on Artificial Intelligence and Neural Networks being organized at Helsinki, Finland.  
<https://neuralnetworks.conferenceseries.com/organizing-committee.php>
- **Technical Programme Committee:** International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD 2018) being organized in Durban, South Africa.  
<http://icabcd.org/committee/>
- **Local Chair:** Iniscom 2018- 4<sup>th</sup> EAI International Conference on Industrial Networks and Intelligent Systems (INISCOM 2018) being organized at Duy Tan University, Da Nang, Viet Nam.  
<http://iniscom.org/organizing-committee/>
- **Advisory Board:** International Conference on Information Technology and Digital Applications (ICIDTA 2018) being organized at JECRC College, Jaipur, India.  
<http://www.jecrcconference.in/icitda/Committee.html>
- **Technical Programme Committee:** 4<sup>th</sup> Annual International Conference on Management, Economics and Social Development (ICMESD 2018) being organized at Xian, China.  
<http://www.icmesd2018.org/?op=committee>
- **International Programme Committee:** 8<sup>th</sup> International Workshop on Soft Computing Applications (SOFA 2018) being organized at Arad, Romania.  
<http://www.sofa2018.org/committees.html>
- **Programme Committee:** 4<sup>th</sup> International Conference on Data Mining and Applications (DMA 2018) being organized in Dubai.  
<http://cosit2018.org/dma/committee.html>

- **Programme Committee:** 7<sup>th</sup> International Conference on Advanced Information Technologies and Applications (ICAITA 2018) being organized in Chennai, India.  
<http://icaita18.org/Committee.html>
- **Technical Programme Committee:** 4<sup>th</sup> International Conference on Green Computing and Engineering Technologies (ICGCET 2018) being organized at Aalborg University, Niels Bohrs Vej 8, Esbjerg, Denmark.  
<http://icgcet.org/tpc.html>
- **International Scientific Committee:** 2<sup>nd</sup> International Conference on Artificial Intelligence and Software Engineering (AISE 2018) being organized at Xian, China.  
<http://www.aise2018.org/com.html>
- **International Advisory Committee:** 2<sup>nd</sup> International Conference on Innovations in Computing (ICIC 2018) being organized at Chandigarh University, Punjab.  
<http://icic2018.webs.com/committees-speakers>
- **Technical Programme Committee:** 2018 Fourth International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN 2018) being organized by Department of Information Technology, RCC Institute of Information Technology, Kolkata, India.  
<http://www.icrcicn.in/#com>
- **Advisory Committee:** Fifth International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA 2018) being organized by NITTE Meenakshi Institute of Technology, Bangalore, India.  
<http://nmit.ac.in/ercica/comm.htm>
- **International Advisory Committee:** Feynman 100: 4<sup>th</sup> International Conference on Computing Sciences (ICCS 2018) being organized by Lovely Professional University (LPU), Punjab.

<http://conferences.lpu.in/iccs/tpc.php>

- **Organizing Committee:** 21<sup>ST</sup> World Nanotechnology Congress being organized in UAE, Dubai.

<https://nanotechnologycongress.conferenceseries.com/organizing-committee.php>

- **Program Chair:** 2018 International Conference on Materials, Sensors and Smart Manufacturing (MSSM 2018) being organized in Xiamen, China.

<http://www.mssm2018.org/com.html>

- **Technical Programme Committee:** International Conference on Intelligent Technologies and Applications (INTAP 2018) being organized at Bahawalpur, Pakistan.

<http://jdconline.net/intap/prog.html>

- **Technical Programme Committee:** The 4<sup>th</sup> International Conference on Fuzzy Systems and Data Mining (FSDM 2018) being organized at Bangkok, Thailand.

<http://www.fsdmconf.org/Committee.html>

- **International Scientific Committee:** 2018 3<sup>rd</sup> International Conference on Control, Automation and Artificial Intelligence (CAAI) being organized at Beijing, China.

<http://www.caa2018.org/com.html>

- **Programme Committee Member:** 3<sup>rd</sup> International Conference on Software Engineering (CCSIT 2018) being organized at Dubai, UAE.

<https://ccsit2018.org/soen/committee.html>

- **Out Reach Committee:** International Conference on Startup Ventures: Technology Developments and Future Strategies (SV-TDFS) being organized at Manipal University, Jaipur.

<http://www.startupscope.org/outreach.php>

- **Technical Programme Committee:** 2018 International Conference on Intelligent and Innovative Computing Applications (ICONIC 2018) being organized in Mauritius.  
<http://mauricon.org/index.php/committees/>
- **Technical Programme Committee:** 8<sup>th</sup> International Conference on Computer Science and Information Technology (CCIT 2018) being organized in Dubai, UAE.  
<https://ccsit2018.org/committee.html>
- **Technical Programme Committee:** 2018 the 2<sup>nd</sup> Annual Conference on Cloud Technology and Communication Engineering (CTCE 2018) being organized in Nanjing, China.  
<http://www.ctce2018.org/?op=committee>
- **Programme Committee Member:** 4<sup>th</sup> International Conference of Managing Value and Supply Chains (MaVaS 2018) being organized in Dubai, UAE.  
<https://csty2018.org/mavas/committee.html>
- **Programme Committee Member:** 3<sup>rd</sup> International Conference on Electrical Engineering (ELEN 2018) being organized in Dubai, UAE.  
<https://csty2018.org/elen/members.html>
- **Programme Committee:** 7<sup>th</sup> International Conference on Advanced Information Technologies and Applications (ICAITA 2018) being organized at Bangalore, India.  
<https://icaita18.org/Committee.html>
- **Programme Committee:** 9<sup>th</sup> International Conference on Ubiquitous Computing (UBIC 2018) being organized at Sydney, Australia.  
<http://iccsea2018.org/ubic/committee.html>

**2019**

- **Steering Committee:** 1<sup>st</sup> International Conference on Nano Technologies and Applications (MIC NANO 2019) being organized Mosharaka for Research and Studies, Jordan.  
<http://mosharaka.net/?Area=Conferences&Page=ConfSite&Sec=Committees&Div=SC&Conf=63>
- **Programme Committee Members:** 5<sup>th</sup> International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2019) being organized at Greece. <http://www.gistam.org/ProgramCommittee.aspx>
- **Technical Chair/International Review Committee:** First International Conference on Advances in Electrical and Computer Technologies 2019 (ICAET 2019) being organized in Coimbatore, India. <http://icact.co.in/international-review-committee/>
- **International Advisory Committee:** First International Conference on Advances in Electrical and Computer Technologies 2019 (ICAET 2019) being organized in Coimbatore, India.  
<http://icact.co.in/international-advisory-committee-2/>
- **Programme Committee Members:** 6<sup>th</sup> International Conference on Data Mining and Database (CCSEIT 2019) being organized in Vancouver, Canada.  
<https://ccseit2019.org/dmdb/committee.html>
- **Technical Symposium Chair:** 2019 3<sup>rd</sup> International Conference on Recent Advances in Signal Processing, Telecommunications and Computing (SIGTELCOM 2019) being organized at Hanoi, Vietnam.  
<http://www.sigtelcom.net/2019/Home/NavPost/13>
- **International Advisory Committee:** 19<sup>th</sup> INBUSH ERA WORLD SUMMIT 2019- International Conference on Recent Trends in Engineering, Technology and Business Management (ICRTETBM 2019) being organized by Amity International Business School, Noida, India.  
<http://www.amity.edu/inbushera2019/ICRTEBM-2019/ICRTEBM-2019.asp>

- **Programme Committee Member:** 3<sup>rd</sup> International Conference on Software Engineering and Applications (SOEA 2019) being organized in Chennai, India.  
<https://aisca2019.org/soea/program.html>
- **Advisory Committee Member:** 7<sup>th</sup> International Conference on Contemporary Engineering and Technology (ICCET 2019) being organized at Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.  
<http://www.iccet.in/prog152015.html>
- **Programme Committee Member:** 6<sup>th</sup> International Conference on Artificial Intelligence and Applications (AIAP 2019) being organized at Vancouver, Canada.  
<https://ccseit2019.org/aiap/committee.html>
- **Technical Committee:** 2019 3<sup>rd</sup> International Conference on E-Commerce, E-Business and E-Government (ICEEG 2019) being organized at INSEEC Business School, Lyon Campus, France.  
<http://www.iceeg.org/com.html>
- **Programme Committee:** 8<sup>th</sup> International Conference on Cryptography and Information Security (CRYPIS 2019) being organized at Zurich, Switzerland.  
<https://itcse2019.org/crypis/committee.html>
- **Programme Committee:** 6<sup>th</sup> International Conference on Artificial Intelligence and Applications (AIAP 2019) being organized at Vancouver, Canada.  
<https://ccseit2019.org/aiap/committee.html>
- **Programme Committee:** 6<sup>th</sup> International Conference on Data Mining and Database (DMDB 2019) being organized at Vancouver, Canada.  
<https://ccseit2019.org/dmdb/committee.html>
- **Organization Committee:** 1<sup>st</sup> International Scientific Conference “Modern Management Trends and the Digital Economy: from Regional Development to

Global Economic Growth” (MTDE 2019) being organized at Yekaterinburg, Russia.

<http://mtde2019.com/en/committees>

- **Technical Programme Committee:** First International Conference on Advances in Intelligent Systems, Soft Computing and Optimization Techniques 2019 (ICAISCO 2019) being organized at University Malaysia, Perlis, Malaysia.

<http://icaisco.com/organizing-committe/>

- **Programme Committee Member:** 4<sup>th</sup> International Conference on Electrical Engineering (ELEC 2019) being organized in Dubai, UAE.

<https://ccsit2018.org/cosit2019/elec/committee.html>

- **Advisory Board Member:** 4th International Conference on Communication, Computing and Information Technology (ICCCMIT 2019) being organized at M.O.P Vaishnav College for Women, Chennai, India

<http://www.mopvc.edu.in/icccmit2019/>

- **Technical Programme Committee:** International Conference on Advances in Engineering Science Management and Technology (ICAESMT 2019) being organized at Uttaranchal University, Dehradun, Uttrakhand, India.

<http://icaesmt19.uttaranchaluniversity.ac.in/#committees>

- **Dignitaries:** International Conference on Automation, Computational and Technology Management (ICACTM 2019) being organized by Amity University, London.

<http://amity.edu/icactm/dgntries.html>

- **Advisory Board:** 4<sup>th</sup> International Conference on Information, Communication and Computing Technology (ICICCT 2019) being organized by Jagan Institute of Management Studies (JIMS), New Delhi.

<http://www.jimsindia.org/icicct2019/committee.html>

- **Programme Committee:** 11<sup>th</sup> International Conference on Wireless and Mobile Network (WiMo 2019) being organized at Zurich, Switzerland.  
<https://itcse2019.org/wimo/committee.html>
- **Advisory Committee:** International Conference on Advancements in Computing & Management (ICACM-2019) being organized at Jagannath University, Rajasthan.  
<http://www.jagannathuniversity.org/icacm-2019/committee.html>
- **Technical Programme Committee:** The Asia Pacific International Conference on Emerging Engineering (APICEE 2019) being organized at Swedish College of Engineering and Technology, Rahimyar Khan, Pakistan.  
<http://apicee.org/tcp-member>
- **Technical Programme Committee:** 2019 International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD 2019) being organized in Drakensberg Sun Resort, Winterton, KwaZulu Natal, South Africa.  
<http://icabcd.org/2019/committee/>
- **Advisory Committee:** International Conference on Recent Trends in Engineering Technology and Management 2019 being organized at Coimbatore Institute of Engineering and Technology, Coimbatore.  
<http://icretm.in/pc.html>
- **Programme Committee:** 5<sup>th</sup> International Conference on Computer Science, Information Technology being organized at Vienna, Austria.  
<https://necom2019.org/csitec/committee.html>
- **Technical Programme Committee:** International Conference on Cyber Security: Recent Threats and Trends (ICCSTT 2019) being organized at University Institute of Engineering and Technology, Kanpur, Uttar Pradesh  
<https://cybersecsociety.com/ICCSTT2019/committee.php>



- **Scientific Committee:** The 5<sup>th</sup> Edition of the International Conference Optimization and Applications (ICOA 2019) being organized at University Avenue, Kenitra, Morocco.  
<http://ensa.uit.ac.ma/icoa2019/#comite>
  
- **Program Committee:** 8<sup>th</sup> International Conference on Advanced Information Technologies and Applications (ICAITA 2019) being organized at Copenhagen, Denmark.  
<https://icaita2019.org/committee.html>
  
- **National Advisory Committee:** International Conference on Multidisciplinary Perspectives in Engineering and Technology (ICMPET 2019) being organized by Krishna Chaitanya Institute of Technology and Sciences (KITS) and Institute for Engineering Research and Publication (IFERP)  
<http://icmpet.com/national.php>
  
- **International Advisory Committee:** 10<sup>th</sup> International Conference on Quality, Reliability, Infocom Technology and Business Operations (ICQRIT-2019) being organized at Hotel Himalaya, Lalitpur.  
<http://www.icqrit2019.com/index.php>
  
- **International Scientific Committee:** 2019 International Conference on Applied Mathematics, Modeling, Simulation and Optimization (AMMSO 2019) being organized at Guilin, China.  
<http://www.ammsso2019.org/com.html>
  
- **International Scientific Committee:** 2019 International Conference on Applied Mathematics, Modeling, Simulation and Statistics (AMMSS 2019) being organized in Wuhan, China.  
<http://www.ammss2019.org/com.html>
  
- **Technical Programme Committee:** 2019 International Conference on Conference on Computer, Wireless Communication and Signal Processing (CWCSP 2019) being organized in Wuhan, China.  
<http://www.cwcsp-conf.org/>

- **Technical Programme Committee:** 2019 First International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019) being organized at KLE Dr. M S Sheshgiri College of Engineering and Technology, Karnataka, India.  
<http://icramm.com/committees/>
- **International Scientific Committee:** 2019 International Conference on Applied Mathematics, Modeling, Simulation and Statistics (AMMSS 2019) being organized in Wuhun, China.  
<http://ammss2019.org/tpc.html>
- **Publication Committee Chair:** 5<sup>th</sup> International Conference on Green Computing and Engineering Technologies (ICGCET 2019) being organized in Casablanca, Morocco.  
<http://icgcet.org/tpc.html>
- **Programme Committee:** 5<sup>th</sup> International Conference on VLSI and Applications (VLSIA 2019) being organized in Dubai, UAE.  
<https://csty2019.org/vlsia/committee.html>
- **International Advisory Committee:** 2<sup>nd</sup> International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA-2019) being organized by Department of Master of Computer Applications, Department of ISE and Department of CSE, Ramaiah Institute of Technology, Bangalore, India.  
<http://www.icritcsa.com/internationaladvisorycommittee.html>
- **Programme Committee:** 5<sup>th</sup> International Conference on Artificial Intelligence and Applications (CSTY 2019) being organized in Dubai, UAE.  
<https://csty2019.org/ai/committee.html>
- **Programme Committee:** The 3<sup>rd</sup> International Workshop on Cyberspace Security (IWCSS 2019) being organized at Guangzhou, China.  
<http://www.isci-conf.org/IWCSS2019/>

- **Programme Committee:** 5<sup>th</sup> International Conference of Managing Value and Supply chains (MAVAS 2019) being organized at Dubai, UAE.  
<https://csty2019.org/mavas/committee.html>
- **Organizing Committee:** International Scientific and Practical Conference on Digital Economy (ISCDE 2019) being organized in Chelyabinsk, Russia.  
<http://iscde2019.com/en/committees>
- **International Advisory Board:** International Conference on Recent Trends in Engineering, Management and Science (ICRTEMS 2019) being organized at Delhi Institute of Technology Management and Research, Faridabad, Haryana.  
<http://icrtems.com/international.php>
- **Programme Committee Member:** The Third International Conference on Smart Vehicular Technology, Transportation, Communication and Applications (VTCA 2019) being organized at Arad- Romania.  
<https://www.vtca2019.ro/organizing-committee/>
- **Steering Committee:** Global 2020 Congress on Communications and Computing Technologies (GC-Technology 2020) being organized in Porto, Portugal.  
<http://mosharaka.net/?Area=Conferences&Page=CongSite&Sec=Committees&Div=SC&Cong=35>
- **Technical Committee Member:** The 6<sup>th</sup> International Conference on Internet of Vehicles (IoV) being organized at Kaohsiung, Taiwan.  
<https://www.cs.ccu.edu.tw/~conference/iov2019/tpc.php>
- **Programme Committee Member:** 5<sup>th</sup> International Conference on Information Technology Converge Services (ITCON 2019) being organized at Dubai, UAE.  
<https://csea2019.org/itcon/committee.html>
- **Technical Committee:** 2<sup>nd</sup> International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA-19) being organized at

Department of Computer Applications, Ramaiah Institute of Technology, Bangalore, India.

<http://icritesa.com/technicalcommittee.html>

- **Programme Committee:** 5<sup>th</sup> International Conference on Signal and Image Processing (SIGI-2019) being organized in Dubai, UAE.

<https://csty2019.org/sigi/committee.html>

- **Technical Programme Committee:** International Conference on Intelligent Technologies and Applications (INTAP 2019) being organized at Bahawalpur, Pakistan.

<http://jdconline.net/intap/prog.html>

- **Programme Committee:** International Conference on Machine Learning & Applications (CMLA 2019) being organized at Zurich, Switzerland.

<https://cseit2019.org/cmla/committee.html>

- **Scientific Committee:** International Meeting on Advanced Technologies in Energy and Electrical Engineering (IMATE3E19) being organized at National Engineering School of Tunis (ENIT) belonging to University of Tunis El Manar.

<https://imat3e19.sciencesconf.org/resource/page/id/5>

- **Technical Committee Member:** 2019 International Conference on Computer Science, Communication and Multimedia Engineering (CSCME 2019) being organized in Shanghai, China.

<http://www.cscme-conf.org/>

- **International Advisory Committee:** 5<sup>th</sup> International Conference on Nanoelctronics, Circuits and Communication Systems (NCCS-2019) being organized at ARTTC, Ranchi, India.

<http://www.isve.in/Default?page=adminisve&pid=NCCS-2019>

- **Programme Committee Member:** 3<sup>rd</sup> International Conference on Networks and Communications (Networks-2019) being organized in Dubai, UAE.

<https://csea2019.org/networks/committee.html>

- **International Scientific Committee:** 2019 International Conference on Biotechnology and Medical Engineering (ICBME2019) being organized in Beijing, China.

<http://www.icbme2019.com/com.html>

- **Technical Programme Committee:** ChinaCom 2019- 14<sup>th</sup> EAI International Conference on Communications and Networking in China being organized in Shanghai, China.

<http://chinacom.org/29-2/>

- **International Scientific Committee:** 2019 International Conference on Mechatronics, Control and Automation Engineering (ICMCAE 2019) being organized in Guangzhou, China.

<http://www.icmcae.org/com.html>

- **Advisory Committee:** 2019 IEEE International Conference on Advances in Computing, Communication and Control (ICAC3'19) being organized by Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India.

<http://icac3.fragnel.edu.in/nSite/index.php/icac3-committees/88-advisory-committee>

- **Programme Committee:** 2019 IEEE International Conference on Advances in Computing, Communication and Control (ICAC3'19) being organized by Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India.

<http://gyan.fragnel.edu.in:2222/nSite/index.php/icac3-committees/90-programme-committee>

- **International Advisory Committee:** International Conference on Innovative Sustainable Computational Technologies (CISCT 2019) being organized at Graphic Era University, India.

<http://www.geucisct.com/>

- **International Technical Programme Committee: 2019 The 8<sup>th</sup> International Conference on Networks, Communication and Computing (ICNCC 2019)** being organized at Henan University of Science and Technology, China.  
<http://icncc.org/com.html>
- **International Advisory Committee: 3<sup>rd</sup> International Conference on Innovations in Computing (ICIC2019)** being organized at CGC College of Engineering, Mohali, Punjab, India.  
<https://icic2019.webs.com/committee-speakers>
- **International Advisory Committee: ICEECCOT 2019** being organized at GSSS Institute of Engineering and Technology for Women, Mysuru, India.  
<http://iceeccot.geethashishu.in/#Committee>
- **Scientific Committee: New Trends on Naval Research, Sustainable Future and Technology Development** being organized at Constanta, Romania.  
<https://inres.ro/honorific-members/>
- **International Scientific Committee: 2019 3<sup>rd</sup> International Conference on Advanced Education and Management Science (AEMS 2019)** being organized at Beijing, China.  
<http://www.aems2019.org/com.html>
- **Programme Committee Member: 5<sup>th</sup> International Conference on Networks, Mobile Communication (NMCO 2019)** being organized in Chennai, India.  
<https://csita2019.org/nmco/committee.html>

## 2020

- **Technical Review Committee:** 4<sup>th</sup> International Congress 2020 being organized at Kuala Lumpur, Malaysia.  
<https://intcongress.com/comt.php>
- **Technical Programme Committee:** MIC-Networks 2020  
<http://mosharaka.net/?Area=Conferences&Page=CongSite&Sec=MIC-Networks2020&Div=Committee&Conf=39>
- **International Advisory Committee:** International Conference on Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things (ICETCE 2020) being organized by SKIT College, Jaipur, Rajasthan.  
<http://www.icetce.in/2020/committee>

- **Industry Liaison Committee Chair:** 3<sup>rd</sup> International Multi-Topic Conference on Engineering and Science (IMCES 2020) being organized in Bali, Indonesia.  
<http://imces.tech/tpc.html>
- **Technical Programme Committee:** 3<sup>rd</sup> International Conference on Innovative Computing and Communication (ICICC 2020) being organized by Shaheed Sukhdev College of Business Studies, University of New Delhi, New Delhi, India.  
<http://icicc-conf.com/technicalprogramcommittee>
- **Technical Committee:** 2020 International Symposium on Intelligent Robotics and Systems (ISoIRS 2020) being organized at Nagoya, Japan.  
<http://www.isoirs.org/com.html>
- **International Advisory Board:** International Conference on Innovations in Computational Intelligence and Computer Vision (ICICV 2020) being organized at Manipal University, Jaipur.  
<https://icicv2020.com/internationaladvisory.php>
- **Technical Committee:** 2020 IEEE International Conference on Artificial Intelligence and Information Systems (ICAIIS 2020) being organized in Dalian, China.  
<http://www.icaais.org/committees.html>
- **Organizing Committee Member:** International Conference on Blockchain and Datascience being organized at Las Vegas, USA.  
<https://www.meetingsint.com/conferences/blockchain/ocm>
- **Programme Committee:** International Conference on Big Data (CBDA 2020) being organized in Zurich, Switzerland.  
<https://cosit2020.org/cbda/committee.html#>
- **Programme Committee:** 7<sup>th</sup> International Conference on Bioinformatics and Bioscience (ICBB 2020) being organized in Sydney, Australia.  
<https://ccseit2020.org/icbb/committee.html>



- **International Advisory Committee:** Second International Conference on Advances in Electrical and Computer Technologies 2019 (ICAET 2020) being organized in Coimbatore, India.  
<http://icact.co.in/international-advisory-committee-2/>
- **International Advisory Board:** International Conference on New Computer Science and Engineering Trends (NCSET 2020) being organized at Turkey, Istanbul.  
<http://worldscience.com/ncset2020/index.html#Committee>
- **International Advisory Board:** International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2020) being organized at Sir M. Visvesvaraya Institute of Technology, Bangalore.  
<http://icscss.com/committee.html>
- **Programme Committee Member:** International Conference on Artificial Intelligence and Machine Learning (CAIML 2020) being organized in Vancouver, Canada.  
<https://itcse2020.org/caiml/committee.html>
- **Programme Committee Member:** International Conference on Natural Language Processing and Machine Learning (NLPML 2020) being organized in Zurich, Switzerland.  
<https://cosit2020.org/nlpml/committee.html>
- **International Scientific Committee:** 2020 3<sup>RD</sup> International Conference on Applied Mathematics, Modeling and Simulation (AMMS 2020) being organized in Shanghai, China.  
<http://www.amms2020.org/com.html>
- **Programme Committee:** The 2020 16th International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery (ICNC-FSKD 2020) being organized at Xian, China.

[https://icnc-fskd.sust.edu.cn/Program\\_Committee.htm](https://icnc-fskd.sust.edu.cn/Program_Committee.htm)

- **International Advisory Committee:** AICTE Sponsored International Conference on Computing, Communication, Electrical and Electronics Engineering (ICCCEEE 2020) being organized by G.Pulla Reddy Engineering College (Autonomous), Kurnool In Association with Institute For Engineering Research and Publication (IFERP).

<http://iccceee.com/international-committee.php>

- **Technical Programme Committee:** International Conference on Data Science, Machine Learning and Blockchain Technology (AICDMB 2020) being organized at Mysuru, India.

<https://aicdmb.co.in/committee.html#technical>

- **General Conference Chair:** 2020 5<sup>th</sup> International Conference on Intelligent Information Technology (ICIIT 2020) being organized at Hanoi, Viet Nam.

<http://www.iciit.org/com.html>

- **Advisory Committee:** International Conference on Applications of AI & Machine Learning (ICAML-2020), being organized by Department of Computer Science, Punjabi University, Patiala.

<http://icaml.in/advisory-committee/>

- **Programme Committee:** World Congress on Big Data, Data Mining and Cloud Computing (WCBDDMCC 2020) being organized in Tokyo, Japan.

<https://conferenceera.com/big-data-data-mining-cloud-computing-conference/program-committee>

- **International Scientific Committee:** 2020 3<sup>rd</sup> International Symposium on Computers and Communications (ISoCC 2020) being organized in Newcastle University, Newcastle upon Tyne, U.K.

<http://www.isocc.net/commit.html>

- **Program Committee:** International Conference on Natural Language Processing, Information Retrieval and AI (NIAI 2020) being organized in Sydney, Australia.

<https://ccseit2020.org/niai/committee.html>

- **Technical Committee:** 2020 International Conference on Smart Transportation and Future Mobility (CSFTM 2020) being organized in Madrid, Spain.

<http://www.csftm.org/com.html>

- **Technical Programme Committee:** 2019 2<sup>ND</sup> International Conference on Communication, Network and Artificial Intelligence (CNAI 2019) being organized in Guangzhou, China.

<http://www.cnai-conf.org/com.html>

- **Programme Committee Member:** 8<sup>th</sup> International Conference of Advanced Computer Science & Information Technology (ACSIT 2020) being organized at Copenhagen, Denmark.

<https://acsit2020.org/program.html>

- **Programme Committee:** 6<sup>th</sup> International Conference on Software Engineering (SOFE 2020) being organized in Copenhagen, Denmark.

<https://acsty2020.org/sofe/committee.html>

- **Programme Committee:** International Conference on Big Data, Machine Learning and Applications (BIGML 2020) being organized in Vienna, Austria.

<https://ccsit2020.org/bigml/committee.html>

- **International Scientific Committee:** 2020 International Conference on Electronics, Automation and Communication Engineering (EACE 2020) being organized in Hangzhou, China.

<http://www.eace2020.org/com.html>

- **Programme Committee Member:** 8<sup>th</sup> International Conference of Security, Privacy, and Trust Management (SPTM 2020) being organized in Helsinki, Finland.

<https://csit2020.org/sptm/committee.html>

- **Programme Committee Member:** 9<sup>th</sup> International Conference on Information Technology Convergence and Services (ITCSE 2020) being organized at Vancouver, Canada.  
<https://itcse2020.org/committee.html>
- **Advisory Committee:** 5<sup>th</sup> International Conference Information, Communication and Computing Technology (ICICCT 2020) being organized at Jagan Institute of Management Studies (JIMS), New Delhi, India.  
<http://www.jimsindia.org/icicct2020/committee.html>
- **International Scientific Committee:** 2020 International Conference on Advanced Education, Management and Social Science (AEMSS 2020) being organized at Hangzhou, China.  
<http://www.aemss2020.org/com.html>
- **International Scientific Committee:** 2020 2<sup>nd</sup> International Conference on Computer Modeling, Simulation and Algorithm (CMSA 2020) being organized at Beijing, China.  
<http://www.cmsa2020.org/com.html>
- **Programme Committee Member:** International Conference on Semantic and Natural Language Processing (SNLP 2020) being organized at Copenhagen, Denmark.  
<https://acsit2020.org/snlp/program.html>
- **Programme Committee Member:** 2<sup>nd</sup> International Conference on Machine Learning and Applications (CMLA 2020) being organized at Copenhagen, Denmark.  
<https://cseit2020.org/cmla/committee.html>
- **Technical Programme Committee:** Second International Conference on Advances in Intelligent Systems, Soft Computing and Optimization Techniques 2020 (ICAISCO 2020) being organized at Pinang, Malaysia.

<http://icaisco.com/sample-page/organizing-committe/>

- **Programme Committee Member:** International Conference on Big Data and Machine Learning (BDML 2020) being organized at London, U.K.  
<https://ccsea2020.org/bdml/committee.html>
- **Programme Committee Member:** 9<sup>th</sup> International Conference on Natural Language Processing (NLP 2020).  
<https://cst2020.org/nlp/committee.html>
- **Organizing Committee Member:** International Scientific and Practical Conference “Modern Management Trends and Digital Economy: from Regional Development to Global Economic Growth” (MTDE 2020) being organized at Yekaterinburg, Russia.  
<https://mtde2020.com/en/committees>
- **Program Committee Member:** 6<sup>th</sup> International Conference on Signal and Image Processing (SIPRO 2020) being organized at London, United Kingdom.  
<https://ccsea2020.org/sipro/committee.html>
- **Program Committee Member:** The 14<sup>th</sup> International Conference on Multimedia and Ubiquitous Computing (MUE 2020) being organized at Seoul, Korea  
<http://www.mue-conference.org/2020/program-committee.php>
- **Technical Programme Committee Member:** International Conference on Computing Science, Communication and Security (COMS2) being organized at Ganpat University, Gujarat, India.  
<http://coms2.gnu.ac.in/NewCommittee1.php>
- **Programme Committee:** International Conference on Natural Language Computing Advances (NLCA 2020) being organized at Vancouver, Canada  
<https://itcse2020.org/nlca/committee.html>

- **Programme Committee:** 7<sup>th</sup> International Conference on Artificial Intelligence and Applications (ARIA 2020) being organized at Zurich, Switzerland.  
<https://cst2020.org/aria/committee.html>
- **Organization Chair:** International Conference on Smart City and Green Energy (ICSCGE 2020) being organized at Da Nang, Viet Nam.  
<http://www.icscge.org/com.html>
- **Technical Programme Committee:** International Conference on Machine Learning, Security and Cloud Computing (ICMLSC 2020) being organized at JNTU, New Delhi, India.  
<https://icmlsc.com/committee#content>
- **International Technical Programme Committee:** 2020 9<sup>TH</sup> International Conference on Networks, Communication and Computing (ICNCC 2020) being organized at Tokyo, Japan.  
<http://www.icncc.org/com.html>
- **Technical Programme Committee:** The 6<sup>th</sup> International Conference on Fuzzy Systems and Data Mining (FSDM 2020) being organized at Xiamen, China.  
<http://www.fsdmconf.org/Committee.html>
- **Programme Committee:** International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA 2020) being organized by NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, Bengaluru.  
<https://www.nmit.ac.in/ercica/committees.html>
- **Technical Programme Committee (Chair):** 2020 International Conference on Intelligent and Innovative Computing Applications (ICONIC 2020) being organized at Hotel INN Mauritius.  
<http://mauricon.org/index.php/committees/>

- **Technical Programme Committee: 2020 2<sup>nd</sup> International Conference on Artificial Intelligence and Computer Science (AICS 2020) being organized at Hangzhou, Zhejiang, China.**  
<http://www.aicsconf.cn/news/view/129>
- **Programme Committee Member: 11<sup>th</sup> International Conference on Ubiquitous Computing (UBIC 2020) being organized at Sydney, Australia.**  
<https://iccsea2020.org/ubic/committee.html>
- **Programme Committee Member: 12<sup>th</sup> International Conference on Wireless, Mobile Network and Applications (WiMOA 2020) being organized at Sydney, Australia.**  
<https://iccsea2020.org/wimoa/committee.html>
- **Programme Committee Member: 7<sup>th</sup> International Conference on Foundations of Computer Science and Technology (CST 2020) being organized at Zurich, Switzerland.**  
<https://cst2020.org/committee.html>
- **Technical Committee Member: 2020 2<sup>nd</sup> International Conference on E-Business and E-Commerce Engineering (EBEE 2020) being organized at Bangkok, Thailand.**  
<http://www.ebee.net/com.html>
- **Technical Programme Committee: Fourth International Conference on ICT for Intelligent Systems (ICTIS 2020) organized in Ahmedabad, India.**  
<https://ictis.in/committees.php#tab03>
- **International Technical Committee: 5<sup>th</sup> International Conference on Communication, Image and Signal Processing (CCISP 2020) being organized at Sichuan University, Chengdu, China.**  
<https://www.ccisp.org/com.html>

- **Committee Chair:** International Conference on Physics, Mechanics and Mathematical Sciences (PMMS 2020) being organized in Chengdu, China.  
[http://www.pmms2020.com/pmms2020/bk\\_22484577.html](http://www.pmms2020.com/pmms2020/bk_22484577.html)
- **Scientific Committee:** 2<sup>nd</sup> International Conference on Future of Engineering Systems and Technologies (FEST 2020) being organized by FIST New Delhi in association with NIET, Greater Noida.  
<https://fistinternational.com/fest2020/scientific-committee/>
- **International Scientific Committee:** 2020 International Conference on Bioengineering, Clinical Medicine and Artificial Intelligence (BCMAI 2020) being organized at Beijing, China.  
<http://www.bcmai2020.org/com.html>
- **International Scientific Committee:** 2020 International Conference on Big Data and Cloud Computing (BDCC 2020) being organized at Beijing, China.  
<http://bdcc2020.org/com.html>
- **Programme Committee:** 2020 International Conference on Industrial Automation, Robotics and Control Engineering (IARCE 2020) being organized at Prague, Czech Republic.  
<http://www.iarce.org/comm.html>
- **International Scientific Committee:** 2020 International Conference on Intelligent Computing, Communication and Data Engineering (ICCDE 2020) being organized at Beijing, China.  
<http://www.iccde2020.org/com.html>
- **International Technical Committee Member Conference Committee Chair:** International Conference on Modeling, Simulation, optimization and Algorithm (ICMSOA 2020) being organized in Sanya, China.  
<http://www.yaseen.org.cn/About.aspx?ClassID=23>



- **Conference Committee Member:** 2020 International Conference on Artificial Intelligence and Cloud Computing (ICAICC 2020) being organized at Suzhou, China.  
<http://www.vaseen.org.cn/NewsDetail.aspx?ID=53>
- **International Scientific Committee:** 2020 3<sup>rd</sup> International Conference on Applied Mathematics, Modeling and Simulation (AMMS 2020) being organized at Shanghai, China.  
<http://amms2020.org/com.html>
- **Programme Committee:** 6<sup>th</sup> International Conference on Natural Language Computing (NATL 2020) being organized at Chennai, India.  
<https://csea2020.org/natl/committee.html>
- **International Technical Committee:** 2020 International Conference on Pattern Recognition and Intelligent Systems (PRIS 2020) being organized at Athens, Greece.  
<https://www.pris2020.org/com.html>
- **Programme Committee:** 22<sup>nd</sup> International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2020) being organized by Department of Computer Science, West University of Timisoara, Romania; Research Institute for Symbolic Computation, Johannes Kepler University, Linz, Austria and Research Institute e-Austria, Timisoara, Romania. (Workshop on Big Data Applications)  
<https://synasc.ro/2020/bid-2020/>
- **Programme Committee:** 4<sup>th</sup> International Conference on Electrical and Computer Engineering (E&C 2020) being organized at Dubai, UAE.  
<https://cse2020.org/ec/committee.html>
- **Programme Committee:** 4<sup>th</sup> International Conference on Electrical Engineering (ELEC 2020) being organized at Dubai, UAE.  
<https://aisca2020.org/elec/committee.html>

- **Scientific Committee:** 8<sup>th</sup> International Conference on e-Health and Bioengineering (EHB 2020) being organized from IASI-Romania.  
<http://www.ehbconference.ro/Committees.aspx>
- **Programme Committee:** International Conference on Data Mining and NLP (DNLP 2020) being organized at Dubai, UAE.  
<https://aisca2020.org/dnlp/index.html>
- **Technical Programme Committee:** The International Workshop on Security, Privacy, and Trust for Emergency Events (EmergencyComm 2020)- EAI Community organized.  
<https://securecomm.eai-conferences.org/2020/emergencycomm-2020/>
- **Programme Committee:** 4<sup>th</sup> International Conference on Electrical and Electronics Engineering (EEEN 2020) being organized at Dubai, UAE.  
<https://cse2020.org/eeen/committee.html>
- **Programme Committee:** 2020 7<sup>th</sup> International Conference on Information Science and Control Engineering (ICISCE 2020) being organized at Changsha, Hunan, China.  
<http://www.icisce.org/ProgramCommittee.asp>
- **Technical Committee:** 4th International Conference on Advanced Informatics for Computing Research (ICAICR-2020) being organized at Gurugram, Haryana, India.  
<http://informaticsindia.co.in/ConferenceCommittee.html>
- **Technical Programme Committee:** 2020 International Conference of Blockchain Technology and Applications (ICBTA 2020) being organized at Changsha, China.  
<http://www.icbtaconference.com/2020/menu/Organizing-Committee>

- **Advisory Committee:** 2<sup>nd</sup> International Conference on Communication and Intelligent Systems (ICCIS 2020) being organized at Birla Institute of Applied Sciences and Soft Computing Research Society, India.  
<https://www.iccis20.scrs.in/committee/advisory-committee>
- **International Scientific Committee:** 2020 2<sup>nd</sup> International Conference on Computer, Communications and Mechatronics Engineering (CCME 2020) being organized at Xiamen, China.  
<http://www.ccme2020.org/com.html>
- **Technical Committee:** 2020 IEEE the 3<sup>rd</sup> International Conference on Electronics and Communication Engineering (ICECE 2020) being organized at Xian, China.  
<http://www.icece.net/com.html>
- **Technical Program Committee:** 4<sup>th</sup> International Conference on Advanced Informatics for Computing Research (ICAICR 2020) being organized at Gurugram, Haryana, India.  
<http://informaticsindia.co.in/ConferenceCommittee.html>
- **Programme Committee:** IEEE Tale 2020 Conference  
<http://tale2020.org/program-committee/>

**2021**

- **International Advisory Committee:** International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2021) being organized by Sir M Visvesvaraya Institute of Technology (Sir MVIT), Karnataka, India.  
<http://icscss.com/2021/committee.html>
- **Conference Co-Chair:** International Conference on Artificial Intelligence and Sustainable Computing (AISC 2021) being organized at Gautam Buddha University (GBU), Noida.  
[https://aiscindia2021.com/?page\\_id=333](https://aiscindia2021.com/?page_id=333)

- **International Scientific Committee:** 2021 3<sup>rd</sup> International Conference on Computer Modeling, Simulation and Algorithm (CMSA 2021) being organized at Changsha, China.  
<http://www.3rd-cmsa.org/com.html>
- **International Technical Committee:** 2021 3<sup>rd</sup> International Conference on Pattern Recognition and Intelligent System (PRIS 2021) being organized at Bangkok, Thailand.  
<https://www.pris2021.org/com.html>
- **Technical Committee:** 2021 5<sup>th</sup> International Conference on E-Commerce, E-Business and E-Government being organized in Rome, Italy.  
<http://www.iceeg.org/com.html#>
- **Technical Programme Committee:** International Conference on Computing Science, Communication and Security (COMS2) being organized at Ganpat University, Gujarat.  
<http://coms2.gnu.ac.in/technical-program-committee/>
- **Technical Programme Committee:** 2021 Workshop on Algorithm and Big Data being organized at Fuzhou, China.  
<http://www.tdiconference.com/workshop.html>
- **Technical Program Committee:** 2021 International Conference on Environment, Earth Science and Intelligent Information System (EESIIS 2021) being organized at Guangzhou, China.  
<http://www.eesiis.org/com.html>
- **Technical Program Committee:** 2021 International Symposium on Connected and Autonomous Vehicle (SOCAV 2021) being organized at Singapore.  
<http://www.socav.org/com>

- **Technical Program Committee:** 2021 International Conference on Modeling, Simulation and Optimization: Technologies and Engineering Applications (MSOTEA 2021) being organized at Beijing, China.  
<http://www.msotea.org/com.html>
- **Program Chair:** 2021 6<sup>th</sup> International Conference on Computing, Control and Industrial Engineering (CCIE 2021) being organized at Hangzhou, China.  
<http://ccieconf.com/Committee.html>
- **Scientific Committee:** International Conference on Communication and Signal Processing and Information Technology 2021 (CSP-SSD 2021) being organized in Tunisia.  
<https://ssd-conf.org/scientific-committee-csp/>
- **Technical Programme Committee:** 2021 International Conference on Artificial Intelligence, Automation and Algorithms (AI2A 2021) being organized at Singapore.  
<http://www.icaia2a.net/committee.html>
- **Advisory Committee:** 3<sup>RD</sup> International Conference on Latest Trends in Engineering and Management (ICLTEM 2021) being organized by Institute for Engineering Research and Publication (IFERP), Pune, India  
<https://icltem.com/advisory-committee.php>
- **Publication Chair:** International Conference on Mobile Networks and Wireless Communications (ICMNBC 2021) being organized at Sri Siddhartha Institute of Technology, Tumakuru, Karnataka.  
<https://www.icmnbw.com/committee.php>
- **International Scientific Committee:** 2021 International Conference on Control, Automation and Intelligent Computing (CAIC 2021) being organized in Beijing, China.

<http://www.caic2021.org/com.html>

- **Programme Committee:** 18<sup>th</sup> International Conference on Wireless Networks and Mobile Systems (WINSYS 2021) being organized as “CyberSpace Conference”.

<http://www.winsys.org/ProgramCommittee.aspx>

- **Programme Committee:** 2<sup>nd</sup> International Conference on Big Data and Machine Learning (BDML 2021) being organized at Cophegan, Denmark.

<https://ccsea2021.org/bdml/committee>

- **Programme Committee:** 2021 International Conference on Computer Engineering and Artificial Intelligence (ICCEAI 2021) being organized at Shanghai, China.

<http://icceai.org/ProgramCommittee.asp>

- **Technical Programme Committee:** The 3<sup>rd</sup> International Conference on Machine Learning and Intelligent Systems (MLIS 2021) being organized at Xiamen, China.

<http://www.machinelearningconf.org/TPC>

- **Program Committee:** The 2<sup>nd</sup> International Conference on Embedded Systems and Artificial Intelligence (ESAI 2021) being organized at Fez, Morocco.

<http://www.esai21.com/comittees.html#Program>

- **Advisory Committee:** International Conference on Artificial Intelligence and Energy System (ICAIES 2021) being organized in Jaipur, India.

<http://icaies.com/Committee/>

- **Programme Committee:** 10<sup>th</sup> International Conference on Embedded Systems and Applications (EMSA 2021) being organized at Copenhagen, Denmark.

<https://ccsea2021.org/emsa/committee>

- **Programme Committee:** 2<sup>nd</sup> International Conference on Big Data and IoT (BDIoT 2021) being organized at Cophegan, Denmark.  
<https://csity2021.org/bdiot/committee>
- **Technical Programme Committee:** 5<sup>th</sup> International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2021) being organized at RVS Technical Campus, Coimbatore, India.  
<http://iccvbic.com/2021/home/Committee.html>
- **Advisory Committee:** 2021 International Conference on Advances in Computing, Communication and Control (ICAC3'21)-7<sup>th</sup> Edition being organized by Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai, India.  
<http://gyan.fragnel.edu.in:2222/nSite/index.php/icac3-committees/88-advisory-committee>
- **Advisory Board:** International Conference on Advances in Materials Science, Communication and Microelectronics (ICAMCM 2021) being organized at JECRC Foundation, Jaipur, Rajasthan, India.  
<https://jecrcconference.in/icamcm2021/Committee.html>
- **International Advisory Committee:** 3<sup>rd</sup> International Conference on Communication, Devices and Computing (ICCDC 2021) being organized at Department of Electronics and Communication Engineering, Haldia Institute of Technology, Haldia, India.  
[https://eekhithaldia.in/iccdc2021/adv\\_committee.php](https://eekhithaldia.in/iccdc2021/adv_committee.php)
- **Technical Committee:** International Conference on Trends in Smart Material Engineering and Technology (ICSMT 2021) being organized at Narasu's Sarathy Institute of Technology, Salem, India.  
<http://www.ictsmet.com/Committee>

- **International Program Committee:** International Conference on Industry 4.0 and Smart Manufacturing (ISM 2021) being organized at Upper Austria University of Applied Sciences- Hagenberg Campus- Linz, Austria.  
<http://www.msc-les.org/ism2021/about/#committees>
- **Program Committee:** 13<sup>th</sup> International Conference on Computational Collective Intelligence (ICCI 2021) being organized at Rhodes, Greece.  
<https://iccci.pwr.edu.pl/2021/>
- **International Advisory Committee:** International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT 2021) at KIET Group of Institutions, Ghaziabad, India.  
<https://www.kiet.edu/icict2021/index.php?/home/committees#interadvisory>
- **Program Committee:** 18<sup>th</sup> International Conference on Informatics in Control, Automation and Robotics (ICINCO 2021) being organized at Portugal.  
<http://www.icinco.org/ProgramCommittee.aspx>
- **Technical Committee:** 2021 International Conference on Network and Information Security (NISECURITY 2021) being organized at Stockholm, Sweden.  
<http://www.nisecurity.org/com>
- **International Scientific Committee:** Interdisciplinary Conference on Mechanics, Computers and Electrics (ICMECE 2021) being organized at Ankara, Turkey.  
<http://icmece.org/committees/>
- **International Scientific Committee:** 2021 International Conference on Mathematics, Big Data and Intelligent Computing (MBDIC 2021) being organized at Shanghai, China.  
<http://www.mbdic2021.org/com.html>
- **Local Chair:** Workshop on Big Data Engineering (WBDE 2021)- Virtual Conference.



<http://www.wbde.org/com.html>

- **Publication Chair & Technical Programme Committee: 2021 2<sup>nd</sup> International Conference on Electronics, Communication and Information Technology (CECIT 2021) being organized in Sanya, China**

<http://www.cecit.net/committee.html>

## National Conferences Associations

- **Technical Committee- National Conference on Research Trends in Computer Science and Technology (NCRTCST-2012) by CMR College of Engineering and Technology, Hyderabad, Andhra Pradesh, India.**

<http://www.ncrtcst.org/>

- **Technical Committee- COMMUNE CACCS 2012 Conference on Advancements in Communication and Computing Systems**

[http://www.thecommune.info/index.php/commune2011/caccs\\_2012/about/organizingTeam](http://www.thecommune.info/index.php/commune2011/caccs_2012/about/organizingTeam)

- **Technical Committee-** UGC Sponsored National Seminar on “Social Implications of Artificial Intelligence”  
<http://www.kmvjla.org/seminarAI/Default.html>
- **Organizing Committee/ Advisory Committee-** PTU Sponsored HR Summit 2012 Future of Strategic HR: Challenges and Opportunities Ahead.
- **Advisory Committee:** 43<sup>rd</sup> ISTE Section Convention on “Quality Assurance and Quality Excellence in Professional Institutions” being organized by Rayat Bahra College of Engineering and Nano Technology for Women, Hoshiarpur.
- **Advisory Committee:** First Conference on Advanced Information Networking and Applications (CAINA 2013)  
<http://www.caina.co.in/org2.html>
- **Programme Committee:** National Conference on Innovations in Electrical, Electronics and Computer Science Engineering (IEECSE 2013) being organized in Pune.  
<http://ieecse.aerindia.org/about-the-conference.html>
- **Programme Committee:** 10<sup>th</sup> National Conference on Emerging Paradigms of Information and Communication Technologies & Impact on Society (EPICTIS 2014) being organized by ITS, Ghaziabad, India.  
[http://www.its.edu.in/epictis-2014/Program\\_Committee.html](http://www.its.edu.in/epictis-2014/Program_Committee.html)
- **Advisory Committee:** National Conference on Current Trends in Computational Sciences (CTCS 2018) being organized by Department of Computer Science & Computer Applications, Annai Violet College of Arts and Sciences, Chennai.
- **Advisory Committee:** National Conference on Advances in Big Data and Cloud Computing (NCABC 2019) being organized at Satyabama Institute of Science and Technology, Chennai  
<https://sites.google.com/view/ncabc2019/about-us>

## **(Tech Events/Industry Events Associations)**

- **Mentor & Speaker: GDG Mientrung---DevFest 2018.**  
<https://devfest18.gdgmientrung.com/en/#speaker>
- **Indian Didactics Association-Virtual Global Round Table Conference- Viet Nam**  
Topic on “Education 4.0: Pedagogy’s Role in Blended Learning”
- **Chief Guest: SMART India Hackathon 2020.**
- **Chief Guest: Valedictory Function “AICTE Sponsored Two-Weeks FDP Program on “Artificial Intelligence and its Applications in Biomedical Engineering” being organized by Rajashri Shahu College of Engineering, Pune, India.**

## **(Visiting Professor / Scientist / Consultant Associations)**

- **Visiting Professor** to National Institute of Technical Teacher's Training and Research (NITTTR, Chandigarh) for Short Term Programs, Technical Lectures and Faculty Development Programs.
- **External Advisor** to Web 3.0 and Blockchain Community at Vidyavardhaka College of Engineering for Consulting, Research and Scientific Projects.

<http://web3.vvce.ac.in/>

- **External Domain Expert- Intellectual Property Rights (Patents Consultancy)-** For Patent evaluations at Sree Vidyanikethan Engineering College, Tirupati, India.

### (Conference's Invited Talk)

1. Missiles & their Attacking System- An Invited Talk in LASER-11 Conference being organized by Baba Farid Institute of Engineering & Technology.
2. Mobile Computing and Wireless Communications-An Invited talk in AISE-2012 Conference organized by Guru Ram Das Institute of Engineering and Technology, Bathinda.
3. Smartphones and Hacking- An Invited Talk cum Workshop delivered on UGC Sponsored National Conference on Internet Commerce organized by Sant Hira Dass Kanya Mahavidyalaya, Kala Sanghian, Kapurthala.

4. Artificial Intelligence and Robotics-An Invited Talk delivered on UGC Sponsored National Seminar on Social Implications of Artificial Intelligence organized by Kanya Maha Vidyalaya, Jalandhar.
5. Wireless Sensor Networks-An Invited Talk delivered on UGC Sponsored National Seminar on Emerging Trends in IT organized by Sikh National College, Banga.
6. Digital Image Processing- An Invited Talk delivered on UGC Sponsored National Seminar on Image Processing organized by RR Bawa DAV College for Girls, Batala.
7. Neuro Fuzzy Systems and its Applications-An Invited Talk delivered on UGC Sponsored National Conference on Recent Trends in Discrete and Fuzzy Mathematics organized by DAV College, Jalandhar.
8. Network Security using Firewall and Mobile Adhoc Networks- an Invited Talk delivered on 2<sup>nd</sup> National Conference on Next Generation Computing and Information Security-Emerging Trends and Challenges organized by Institute of Management Studies (IMS), Noida.
9. Wireless Sensor Networks & Its Applications cum Research Issues-An Invited Talk delivered on AICTE, CSI Sponsored International Conference on Advanced Information Communication Technology in Engineering organized by The Technological Institute of Textile & Sciences (TITS), Bhiwani, Haryana.
10. Raspberry Pi and Cloud Computing-An Invited Talk delivered on 2<sup>nd</sup> International Conference on Innovation and Sustainability Managing for Change (Management and Computer Science) organized by Hindu Institute of Management, Sonipat.
11. Cyber Security and Raspberry Pi (\$25 Computer) - An Invited Talk Delivered at International Conference on Computer Science and Information Technology: Trends, Challenges and Issues (CSIT-TCI 2015) by Rukhmani Devi Institute of Advanced Studies, New Delhi.
12. Swarm Intelligence- An Invited Talk Delivered at International Conference on Advanced Computing and Communication Technologies (ACCT15), Organized by RG Educational Society, Rohtak.
13. Swarm Intelligence and Its Simulation- An Invited Talk Delivered at UGC Sponsored National Conference on Emerging Trends in Computer Science and

Information Systems (NCETCSIS 2015) at Maharaja Agrasen College, University of Delhi, New Delhi.

14. Cyber Security- An Invited Talk Delivered at DEITY, CERT, ISTE Sponsored National Conference on Emerging Trends in Information Technology: Cyber Security: A Panoramic View at Institute of Information Technology and Management cum Institute of Innovations in Technology and Management at New Delhi.
15. Business Intelligence- An Invited Talk Delivered at PCMA Sponsored 1<sup>st</sup> National Conference on Contemporary Issues in Commerce and Management at Guru Kashi University, Talwandi Sabo, Punjab.
16. Internet of Things (IoT)- An Invited Talk Delivered at International Conference on Innovative Research in Engineering Science, Information and Communication Technology (ICREICT 2015) being organized by IRD India at Lala Lajpat Rai College of Engineering and Technology, Moga, Punjab, India.
17. Swarm Intelligence and Live Demonstration of Data Glove- An Invited Talk Delivered at National Conference on Recent Trends in Mathematics and Computational Techniques at Dev Samaj Post Graduate College for Women, Ferozepur City.
18. Cloud Computing and Cyber Security- An Invited Talk Delivered at National Conference on Recent Advancements in Science, Commerce and Technology (NCRSCT 2016) at Mata Sahib Kaur Girls College, Talwandi Sabo.
19. Wireless Sensor Networks and Live Demonstration of Sensors- WSN Kit and WSN Simulation Tools- An Invited Talk Delivered at National Conference on Recent Developments in Engineering and Technology (RDET 2017) at Gurukul Vidyapeeth Institute of Engineering and Technology, Rajpura, Punjab.
20. Google Machine Learning Kit (Google ML)- An Invited Talk Delivered at Google I/O Mien Trung, Da Nang, Vietnam.

<https://io2018.gdgmientrung.com/>

21. Internet of Things & IoT in Finance- An Invited Talk Delivered at FinTech 2018 at Da Nang Software Park, FinTech 2018 Day, Da Nang, Vietnam.

<http://ictnews.vn/khoi-nghiep/fintech/da-nang-nhieu-co-hoi-tro-thanh-trung-tam-cua-cong-nghe-fintech-169194.ict>

22. **Career in Programming- An Invited Talk delivered at Developer Student Club (DSC)- Duy Tan University, Da Nang, Viet Nam.**
23. ***Transforming the Future with Internet of Things- An Invited Talk Delivered at Two Day International Conference on Data Science, Machine Learning and Blockchain (AICDMB 2020) being organized at Vidyavardhaka College of Engineering, Mysore.***

**(Conference Chair/Co-Chair/Keynote Speaker/Special Guest)**

## ***National Conferences***

1. ***Session Chair & Session Co-Chair in (Laser-11) Conference by Baba Farid Group of Institutions in following sessions:***
  - i. **Computer Science & Engineering (1 Session-Chair & 1 Session Co-Chair)**
  - ii. **Information Technology (1 Session Co-Chair)**
2. ***Session Chair in (Raise-2012) Conference by Guru Ram Das Institute of Engineering and Technology in following session:***
  - i. **Computer Science and Engineering (1 Session-Chair)**

3. ***Keynote Speaker*** in UGC Sponsored National Conference on Internet Commerce by Sant Hira Dass Kanya Mahavidyalaya, Kala Sanghian, Distt. Kapurthala.
4. ***Guest of Honor cum Resource Person*** in UGC Sponsored National Conference on Emerging Trends in IT being organized by Sant Hira Dass Kanya Mahavidyalaya, Kala Sanghian, Distt. Kapurthala.
5. ***Guest of Honor cum Invited Guest*** in UGC Sponsored National Seminar on Social Implications of Artificial Intelligence organized by Kanya Maha Vidyalaya, Jalandhar.
6. ***Guest of Honor cum Resource Person*** in UGC Sponsored National Seminar on Emerging Trends in IT organized by Sikh National College, Banga.
7. ***Guest of Honor cum Resource Person*** in UGC Sponsored National Seminar on Image Processing organized by RR Bawa DAV College for Girls, Batala.
8. ***Guest of Honor cum Resource Person*** in UGC Sponsored National Conference on Recent Trends in Discrete and Fuzzy Mathematics organized by DAV College, Jalandhar.
9. ***Session Chair*** in UGC Sponsored National Conference on Emerging Trends in Computer Science and Information Systems (NCETCSIS-2015) being organized by Maharaja Agrasen College, University of Delhi, New Delhi.
10. ***Session Co-Chair (Technical Session –II)*** at DEITY, CERT and ISTE Sponsored National Conference on Emerging Trends in Information Technology: Cyber Security: A Panoramic View at Institute of Information Technology and Management cum Institute of Innovations in Technology and Management at New Delhi.
11. ***Session Chair (Technical Session –I)*** at PCMA Sponsored 1<sup>st</sup> National Conference on Contemporary Issues of Commerce and Management at Guru Kashi University, Talwandi Sabo, Punjab.
12. ***Session Chair (Technical Session- I)*** at National Conference on Recent Trends in Mathematics and Computational Techniques at Dev Samaj Post Graduate College for Women, Ferozepur City, Punjab.



13. *Session Chair (Technical Session-I + Judge-PPT Competition)* at National Conference on Recent Advancements in Science, Commerce and Technology (NCRSCT 2016) at Mata Sahib Kaur Girls College, Talwandi Sabo.
14. *Session Co-Chair (Technical Session II)* at 8<sup>th</sup> National Conference on Innovations for Sustainable Business being organized by Apeejay School of Management, Dwarka, New Delhi.
15. *Keynote Speaker* at National Conference on Recent Developments in Engineering and Technology (RDET 2017) being organized by Gurukul Vidyapeeth Institute of Engineering and Technology, Rajpura, Punjab.
16. *Keynote Speaker* at National Conference on Current Trends in Computational Sciences (CTCS 2018) being organized by Annai Violet College of Arts and Science, Menambedu, Ambattur, Chennai. Topic: Industry 4.0.
17. *Keynote Speaker* at 5<sup>th</sup> National Scientific Conference on Applying New Technology in Green Buildings (ATiGB 2019) being organized at The University of Da Nang- University of Technology and Education. Topic: Discussion of Green Building Trend in Viet Nam- Latest Happening and Future Directions to become Green Building Country in World.

## *International Conferences*

1. *Session Co-Chairman* in 4<sup>th</sup> International Conference on Emerging Trends in Engineering & Technology (IETET 2013) organized by Geeta Institute of Management & Technology, Kanipla, Kurukshetra.
2. *Session Chair cum Resource Person* in International Conference on Advanced Information Communication Technology in Engineering (ICAICTE –2K13) organized by The Technological Institute of Textile & Sciences (TITS), Bhiwani, Haryana.
3. *Chief Guest cum Session Chairman* in International Conference on Computer Science & Engineering organized by IRAJ Association in New Delhi.
4. *Session Chair & Co-Chair* in 4<sup>th</sup> International Conference on Advanced Computing and Communication Technology (ACCT14) being organized by RG Educational Society-Rohtak, Haryana.

5. ***Chief Guest cum Session Chairman*** in 3rd International IRF Conference on Computer Science & Engineering organized by IRAJ Association in New Delhi on 12 April, 2014.
6. ***Chief Guest cum Session Chairman*** in 4<sup>th</sup> IRAJ SARC International Conference on Computer Science & Engineering organized by IRAJ Association in New Delhi on April 27, 2014.
7. ***Chief Guest cum Session Chairman*** in 5<sup>th</sup> IRAJ SARC International Conference on Computer Science & Engineering organized by IRAJ Association in New Delhi on May 25, 2014.
8. ***Chief Guest cum Session Chairman*** in 6<sup>th</sup> IRAJ SARC International Conference on Computer Science & Engineering organized by IRAJ Association in New Delhi on July 6, 2014.
9. ***Chief Guest cum Session Chairman*** in 7<sup>th</sup> IRAJ SARC International Conference on Computer Science & Engineering organized by IRAJ Association in New Delhi on August 3, 2014.
10. ***Session Co-Chair*** in 2<sup>nd</sup> International Conference on Innovation and Sustainability Managing for Change (Management and Computer Science) organized by Hindu Institute of Management, Sonipat in Jan 25, 2015.
11. ***Guest of Honor cum Session Chair*** in International Conference on Computer Science and Information Technology: Trends, Challenges and Issues (CSIT-TCI 2015) by Rukhmani Devi Institute of Advanced Studies, New Delhi in Jan 30-31, 2015.
12. ***Session Chair cum Guest of Honor*** at IEEE Sponsored 5<sup>th</sup> International Conference on Advanced Computing and Communication Technologies (ACCT15), Organized by RG Educational Society, Rohtak in Feb 20-21, 2015.
  - a. **Sessions Chaired:** Advanced Computing, Computer Vision, Wireless Sensor Networks, and Artificial Intelligence.
13. ***Session Chair cum Guest of Honor*** in International Colloquium on Contemporary Issues in Language Learning, Teaching, Literature, Media and Culture organized by Indo Global Chamber of Commerce, Industries and Agriculture in Association with Confederation of Indian Universities (CIU) at India International Center on March 15, 2015.

a. **Session Chaired: Engineering and Management-Technical Session.**

**14. *Keynote Speaker cum Session Chair* in International Conference on Innovative Research in Engineering Science, Information and Communication Technology (ICREICT 2015) being organized by IRD India at Lala Lajpat Rai College of Engineering and Technology, Moga, Punjab, India.**

a. **Session Chaired: Computer Science and Information Technology**

**15. *Session Chair* in International Conference on Green Computing and Internet of Things (ICGCIoT 2015) being organized by Galgotia College of Engineering and Technology, Greater Noida, India.**

a. **Session Chaired: Wireless Communication Engineering and Technology**

a. **Eco-Friendly Computing and Communication Resources**

**16. *Session Chair and Guest of Honor* in Sixth International Conference on Advanced Computing and Communication Technologies (ACCT16) organized by RG Education Society, Rohtak.**

**17. *Session Chair and Guest of Honor* in International Conference on Communication and Computing Systems (ICCCS2016) at Dronacharya College of Engineering, Gurgaon.**

**18. *Keynote Speaker* in International Conference on Recent Innovations in Engineering, Science, Humanities and Management (ICRIESHM-17) at Dev Samaj College for Women, Ferozepur, India.**

**19. *Keynote Speaker* in International Conference on International Business-Emerging Trends, Opportunities and Challenges (CIB 2017) at Apeejay School of Management, Dwarka, New Delhi. *Talk on “Internet of Things (IoT)”*.**

**20. *Keynote Speaker* in 8<sup>th</sup> International Conference on Engineering and Advancement in Technology (ICEAT 2018) at Shri Krishna College of Technology, Coimbatore. *Talk on “Flying Adhoc Networks”*.**

**21. *Keynote Speaker* in International Conference on Advances in Big Data, Computing and Data Communication Systems (icABCD 2018) being organized at Durban, South Africa. *Talk on “Modern Scenario of Drones”*.**

**22. Keynote Speaker cum Session Chair in 7<sup>th</sup> International Conference on Frontiers of Intelligent Computing: Theory and Application (FICTA 2018) being organized at Duy Tan University, Da Nang, Vietnam. Talk on “Internet of Drone Things (IoDT)”**

**Session Chaired: Fuzzy Systems, Artificial Intelligence and Machine Learning; Trends in Big Data and Web Technologies.**

**23. Keynote Speaker in 2018 International Conference on Intelligent & Innovative Computing Applications (ICONIC 2018) being organized at Holiday Inn, Plaine Magnien, Mauritius. Talk on Blockchain, Bitcoin and Next...?**

**24. Keynote Speaker cum Session Chair in 3<sup>rd</sup> International Conference on Data Management, Analytics and Innovation (ICDMAI 2019) being organized at Kuala Lumpur, Malaysia. Talk on “Industry 4.0”**

**Session Chaired: Track 1: Data Management & Smart Informatics**

**25. Keynote Speaker in International Virtual Conference on “Recent Developments in Computer Vision and Its Emerging Applications (IVCRCVE 2019)”. Talk on “Machine Vision for Intelligent Drones”**

**26. Keynote Speaker in International Virtual Conference on “Advances in Computing and Information Technology (IVACIT-2019)”. Talk on “Industry 4.0 and Smart Industries Transformation”.**

**27. Keynote Speaker in Blockchain Society Seminar. Talk on “Blockchain Technology”.**

**28. Keynote Speaker in International Virtual Conference on “Current Trends in Artificial Intelligence and Information Security (IVCCTAIS-2019)”. Talk on “Artificial Intelligence in Cyber Security”.**

**29. Keynote Speaker cum Chief Guest in Two Day “International Conference on Data Science, Machine Learning and Blockchain (AICDMB 2020)”. Talk on “Transforming Future with Internet of Things”.**

**30. Keynote Speaker cum Conference Chair, Session Chair, Session Co-Chair, Chief Guest in Two Day “2020 5<sup>th</sup> International Conference on Intelligent Information Technology (ICIIT 2020)” at Hanoi, Viet Nam. Talk on “Industry 4.0- Transforming Traditional Industries to Smart Manufacturing Industries”.**

31. **Session Chair in 1<sup>ST</sup> International Conference on Computer Science, Communication and Security (COMS2-2020) being organized by Ganpath University, Gujarat, India.**
32. ***Keynote Speaker in 6<sup>th</sup> International Conference on Optimization and Applications (ICOA 2020) being organized at Morocco. Talk on “Industry 4.0: Transformation of Traditional Industries to Smart Manufacturing”.***
33. ***Session Chair and Panellist in 1<sup>st</sup> Online International Conference on Rebuilding Bharat with Artificial Intelligence Interventions After COVID-19 Pandemic: Opportunity and Challenges being organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Noida.***
34. ***Session Chair at International Conference on Recent Trends in Science and Technology (ICRTST 2020) being organized at ATME College of Engineering, Mysore.***
35. ***Keynote Speaker cum Chief Guest in Virtual Conference on “Mechatronics, Automation and Cyber Physical Systems (MAC 2020)” being organized by Vellore Institute of Technology (VIT), Vellore and Cyber Physical System Research Group. Talk on “Cyber Physical Systems and Security in Cyber Physical Systems”.***
36. ***Keynote Speaker in “The 2<sup>nd</sup> International Conference on Industrial Control Network and System Engineering Research” being organized in Kuala Lumpur, Malaysia. Talk on “Deep Dive into Blockchain, Bitcoins, Smart Contracts, Cryptocurrencies and Security? The Most Disruptive Tech in Years.”***
37. ***Keynote Speaker cum Chief Guest in “Third International Virtual Conference on Data Science- A Future of Digital Transformation (DST 2020)” being organized by School of Information Technology and Engineering, Department of Digital Communications, Vellore Institute of Technology (VIT), Vellore, India.***
38. ***Keynote Speaker in “International Virtual Conference on recent trends in Mechanical, AI and IoT Applications” by NAFE Malaysia. Talk on “Artificial Intelligence in Medical Field”.***

39. **Keynote Speaker** in “International Virtual Conference on Emerging Trends and Challenges in Circuit to System Design (IETCCSD-2020)” by Vellore Institute of Technology (VIT), Vellore. Talk on “*Internet of Vehicle*”.
40. **Guest of Honor** in “International Conference on Communication, Optical, and Microelectronics: The Emerging Trends (ICCOMET-2020)” by Jaipur Engineering College and Research Center, Co-Associated with Rajasthan Technical University, Kota.
41. **Keynote Speaker** in “2020 International Conference on Intelligent and Innovative Computing Applications (ICONIC 2020)” at Mauritius. Talk on “*Internet of Drone Things*”
42. **Keynote Speaker** in “1<sup>ST</sup> International E-Conference on Recent Developments in Science, Engineering and Information Technology (ICRDSEIT 2020), being organized by Madhurai Kamraj University, India. Talk on “*Industry 4.0*”
43. **Keynote Speaker** in “2<sup>nd</sup> International Conference on Computing, Communication and Cyber Security (IC4S 2020)” being organized by Department of Electronics and Communication Engineering, KEC Ghaziabad, India. Talk on “*LoRaWAN Technologies: Issues, Challenges and Applications*”.
44. **Keynote Speaker** in “*Smart City 360° The Gateway to Innovation*” by EAI. Talk on “*Future Autonomous Transportation in Smart Cities*”
45. **Keynote Speaker cum Session Chair** in “International Conference on Computational Techniques and Intelligent Machines” being organized by Baba Farid College, Punjab, India. Talk on “*Industry 4.0: Transforming Traditional Industries into Smart Factories*” and “*Cobotics: The Future Robotics for Industry 4.0*”.
- a) *Track on Advances in Computational Intelligence and its applications*
  - b) *Advances in Ambient Intelligence and its Applications*
46. **Session Chair** in “2<sup>nd</sup> International Conference on Artificial Intelligence and Speech Technology (AIST 2020) being organized by Indira Gandhi Delhi Technical University for Women (IGDTUW), New Delhi, India.

**47. Keynote Speaker in “5G<sup>AI</sup> INSAI Connected Global Forum and 2<sup>nd</sup> International Conference on Artificial Intelligence and Advanced Manufacturing (AIAM 2020) being organized in China.**

*Talk on “Foundations of Cyber Physical Systems”*

**48. Keynote Speaker cum Session Chair in Fourth International Conference on Advanced Informatics for Computing Research (ICAICR-2020), India.**

*Talk on “Technologies and Advancements in Smart Grids and Intelligent Sensors”*

*Session Chair Track: Technical Session 1, 2.*

**49. Keynote Speaker cum Session Chair at IEEE ICOT 2020 at Kyungpook National University, South Korea.**

**Talk On “ Deep Dive into Blockchain, Bitcoins, Smart Contracts, Cryptocurrencies and Security? The Most Disruptive Tech in Years  
Session Chair: Technical Session 1-6.**

**50. Keynote Speaker at International Conference on Electronics, Circuits and Information Engineering (ECIE 2021) being organized in Zhengzhou, China.  
Topic: Industry 4.0- Transforming Industries and Digital Revolution.**

**51. Keynote Speaker cum Session Chair at The 2021 International Conference on Digital Technologies and Applications (ICDTA 2021) being organized at Fez, Morocco.  
Topic: Industry 4.0- Transforming Industries and Digital Revolution.**

**52. Keynote Speaker at Second Annual International Conference on Data Science, Machine Learning and Blockchain Technology (AICDMB-2021) being organized at Vidyavardhaka College of Engineering, Mysuru, India.  
Topic: Digital Twin: Myths Vs Reality**

**53. Guest of Honor and Session Chair at International Conference on Advances in Material Science, Communication and Microelectronics (ICAMCM 2021) being organized by Department of Electronics and Communication Engineering, Jaipur Engineering College and Research Center, Jaipur, India.**

**54. *Session Chair* at International Conference on Artificial Intelligence and Sustainable Computing for Smart Cities (AIS2C2: 2021) being organized by Department of Computer Science and Engineering at Gautam Buddha University, Noida, India.**

## **International Citations & Indexing**

- **Biography Cited in Marquis Who's who in the world 2014/2015/2016/2017/2018/2019/2020/2021.**
- **Biography Cited in Asia Pacific: Who's Who Men and Women of Achievement 2013 by Rifacimento International, New Delhi.**
- **Biography Cited in Marquis Who's Who in Asia 2017.**
- **World Book of Researchers 2018.**

**<https://bookofresearchers.com/2018/anand-nayyar/>**



## **Research Supervision Experience**

**Total Students Completed: 7**

**Total Students Undergoing: x**

### **M.Tech (ECE) Supervision**

**Supervision Completed: 2**

**Supervision Undergoing: xxx**

- 1. Sandeep Kumar Arora: An Intrusion Detection System (IDS) & Traffic Analysis, M.Tech (ECE) from Lovely Professional University, Punjab. Reg No: 40900113. Thesis Defended on May 23, 2012.**

2. **Vicky Kumar: Zero Packet Loss Hand off Mechanism in SIP Based Wireless Networks, M.Tech (ECE) from Lovely Professional University, Punjab. Reg No: 11011411. Thesis Defended on May 23, 2012.**

## **M.Tech (CSE) Supervision**

**Supervision Completed: 5**

**Supervision Undergoing: 0**

1. **Tejinderdeep Singh Kalsi: Detection and Correction of Sinkhole Attack with Novel Method in WSN using NS2 Tool, M.Tech (CSE) from Punjab Technical University, Punjab. Reg No: 96436582706. Thesis Defended on May 15, 2013.**
2. **Naveen Sharma: Enhancement in DDCSA for improving Power Consumption and Network Lifetime of Wireless Sensor Networks using Geographical Forwarding and Face Routing Technique, M.Tech (CSE) from Punjab Technical University, Punjab. Reg No: 1290120223. Thesis Defended on September 1, 2014.**

3. **Shuchi Sharma: Combating Congestion in TADR via Combined Dominating Set (CDS) Technique in Wireless Sensor Network (WSN), M.Tech (CSE) from Punjab Technical University, Punjab. Reg No: 1290122235.**

***Thesis Defended on September 12, 2014.***

4. **Manjot Kaur: A Novel Defense Mechanism for Counterfeiting and Combating Jelly Fish Attack in Mobile Adhoc Networks (MANETS), M.Tech (CSE) from Punjab Technical University, Punjab. Reg No: 1290120218.**

***Thesis Defended on October 1, 2014.***

5. **Agam Gupta: Improved Energy Efficiency and Reduced Delay using Self Knowledge with SCHP in Wireless Sensor Networks (WSN), M.Tech (CSE) from Punjab Technical University, Punjab. Reg No: 1290120201.**

***Thesis Defended on December 18, 2014.***

### **M.S. (CS) Supervision**

**Supervision Completed: 2**

1. **Vo Mai Huong: K14MCS: Performance comparison of Web App Testing via Manual Testing Methodology v/s Automation Testing Tool.**
2. **Ngo Ding Cuong: K14MCS: Implementing Serverless Compute Using Amazon Web Services and Private Cloud based SaaS Solution.**

### **MCA Project Guidance**

**Supervision Completed: 30**

**(2013 Batch) (Project Defended on May 24, 2013)**

**No of Students: 3**

- 1. Mandeep Kaur: Web Penetration Testing and Cyber Security, Batch: 2010-13. Roll No: 104762183597**
- 2. Kalyani Sharma: Website Penetration Testing, Batch: 2010-13. Roll No: 104762183595**
- 3. Jasleen Kaur Reehal: Article Submission Application, Batch: 2010-13. Roll No: 10476183594**

**(2014 Batch) (Project Defended on May 2, 2014)**

**No of Students: 5**

- 1. Kalpana: Website Development of Friends\_Buzz.com (Online Social Networking Website), Batch: 2011-14. Roll No: 1178259**
- 2. Jyoti Mehta: ONLINEKCLMCA.COM, Batch: 2011-14. Roll No: 1178258**
- 3. Manpreet Kaur: B2BMART.COM, Batch: 2011-14. Roll No: 1178268**
- 4. Devinder Kaur: B2BFAIR.COM, Batch: 2011-14. Roll No: 1178246**
- 5. Neha Dutt: Web Shoppie, Batch: 2011-14. Roll No: 1178274**

**(2015 Batch) (Project Defended on May 21, 2015) No of Students: 9**

- 1. Sarabjit Kaur: To Access Applications Using Web Access Through Terminal Server, Batch: 2012-15. Roll No: 1278258**
- 2. Tanvi: Deploying Personal Virtual Desktops by using Remote Desktop Web Access (Cloud Computing), Batch: 2012-15. Roll No: 1278269**
- 3. Manpreet Singh: Mobile Bazaar, Batch: 2012-15. Roll No: 1278244**
- 4. Kanika Malhotra: Perfect Match.com, Batch: 2012-15. Roll No: 1278238**
- 5. Lakhbir: Swipe-Run, Batch: 2012-15. Roll No: 1278242**
- 6. Anjali Kohli: Cleartax.com, Batch: 2012-15. Roll No: 1334395**
- 7. Harinderjit Singh: Getjobs.com, Batch: 2012-15. Roll No: 1334404**
- 8. Navneet Kaur: Programmingera.in, Batch: 2012-15. Roll No: 1278248**
- 9. Raju: Online Bid Management Website, Batch: 2012-15. Roll No: 1334435**

**(2016 Batch) (Project Defended on June 2, 2016) No. of Students: 6**

- 1. Amit Kumar: Android Gladys Chat, Batch: 2014-16. Roll No: 1434141**
- 2. Kriti Grover: Outside 9 to 5, Batch: 2014-16. Roll No: 1434166**
- 3. Nidhi Duggal: E-Movies, Batch: 2014-16. Roll No: 1434178**
- 4. Satinder Kaur: Easy Bargains, Batch: 2014-16. Roll No: 1434192**
- 5. Satvir Kaur: Women Security App, Batch: 2014-16. Roll No: 1434193**
- 6. Satwinder Pal Singh: Spying Application, Batch: 2014-16. Roll No: 1434194**

**(2017 Batch) (Project Defended on May 26, 2017) No of Students: 7**

- 1. Harmanjeet Kaur: Event Management Website, Batch: 2015-17. Roll No: 1523800**
- 2. Harpreet Kaur: Virasat Punjab, Batch: 2015-17. Roll No: 1523801**
- 3. Harwinder Kaur: Health Insurance, Batch: 2015-17. Roll No: 1523803**
- 4. Heena: Ganpati Modern Automation, Batch: 2015-17. Roll No: 1523804**
- 5. Hemneter: Total Fitness, Batch: 2015-17. Roll No: 1523805**
- 6. Jasdeep Kaur: Dance Academy, Batch: 2015-17. Roll No: 1523806**
- 7. Jatinder Kumar: Just Jalandhar, Batch: 2015-17. Roll No: 1523808**

## **Research Grants**

- IRAJ- (Institute of Research and Journals) - Grant worth Rs 1.5 Lakhs for Ph.D. Research in the area of Wireless Sensor Networks and Swarm Intelligence.**

**Letter No: 01/056**

**(Project Completed and Submitted on: 1 June, 2017)**

- Gill Instruments- Grant worth Rs 2 Lakhs as MSP430 Wireless Sensor Network Kit (1 Gateway, 3 Sensor Nodes, Emulator, IAR Software) for Live Protocol Implementation of Ph.D. Research.**

**(Project Completed and Submitted on: 1 June, 2017)**

## **Ph.D Thesis Evaluations**

**Total Evaluations:19**

- 1. Kamali Gupta, Adaptive and Dynamic Management of Cloud Data Centers. Department of Computer Science and Engineering, Maharishi Markandeshwar University (MMU), Ambala, Haryana, India. Reg No: 09-ECM-1807**
- 2. Parteek Agarwal, A Machine Translation System for Sanskrit to Hindi Language. Department of Computer Science and Engineering, Punjab Technical University (PTU), Kapurthala, Punjab, India. Registration Number: 1303087**
- 3. Harsimranjit Singh Gill, Mitigation of Security Issues in Next Generation Passive Optical Networks. Department of Electronics and Communication Engineering, Punjab Technical University (PTU), Kapurthala, Punjab, India. Registration Number: 1405013**

4. **Pertik Garg, Restoration Technique to Optimize Recovery Time for Efficient OSPF Network. Department of Computer Science and Engineering, Punjab Technical University, Kapurthala, Punjab, India. Registration Number: 1103028**
5. **Arun Kumar, Design of Innovative and Efficient Algorithms for Efficient Fruit Quality Assessment. Department of Computer Science and Engineering, Visvesvaraya Technological University, India. Seat Number: 2GI12PEN03**
6. **Parveen Kakkar, Detection & Mitigation of DDoS Attacks in Mobile Adhoc Networks. Department of Computer Science and Engineering, Punjab Technical University, Kapurthala, Punjab, India. Registration Number: 1003007**
7. **S Subalakshmi, Performance Analysis of EER-LEACH Protocol for Body Sensor Network. Department of Computer Science, Bharathiar University, Coimbatore. Registration Number: Ph.D-CB-DEC2013-0741**
8. **Kapil Sethi, Development of Machine Learning based Support system to select subject for subjects. Faculty of Engineering and Technology, Shoolini University of Biotechnology and Management Sciences, Solan, H.P. Registration Number: 151092**
9. **Gaurav Gupta, Development of Android Assistive toolkit for Alzheimer Patients and Prediction of Alzheimer Associated Protein Using Machine Learning. Faculty of Engineering and Technology, Shoolini University of Biotechnology and Management Sciences, Solan, H.P. Registration Number: 151191**
10. **Sudhakar K.N, Load Balancing in Self Organized Wireless Sensor Networks. Department of Electronics and Communication. Visvesvaraya Technological University, India. Seat Number: 1CR13PEN05.**
11. **N. Poornima, Semantic Enriched Lecture Video Retrieval using Machine Learning Techniques, School of Computing Science and Engineering, Vellore Institute of Technology, India. Registration Number: 14PHD1104.**
12. **Abhay Sharma, Image Segmentation Using Firefly Algorithm, Department of Computer Science and Engineering, Amity University, Rajasthan, India. Registration Number: A20436414004.**
13. **Sudha M, Development of Efficient Fault Tolerant Methods and Practices for Cloud Computing Environment, Department of Computer Science, Visvesvaraya Technological University, India. USN: 1RV12PEN04.**
14. **Rubeena, Object Based Classification Using Multi-Resolution Image Fusion, Department of Civil Engineering, Delhi Technological University, India. Registration Number: 2K13/PHDCE/03.**

15. Ramesh Arjun Medar, Design of Novel Crop Yield Prediction Methods Using Machine Learning Techniques, Department of Computer Science and Engineering, Visvesvaraya Technological University, India. USN: 2GI15PEJ12.
16. Sachin Sharma, Data Dissemination and Optimization of Processes for Business Data Analytics, Department of Computer Science and Engineering, Maharishi Markandeshwar University, Ambala, India. Reg No: 12-ECM-1396
17. Gaindi Lal Saini, Software Quality Prediction of Open Source Software Using Computational Intelligence, Department of Computer Science and Engineering, Amity University, Rajasthan, India. Reg No: A20436415013
18. Alok Katiyar, A Security Context Aware Service Discovery (SCASD) Model in Pervasive Computing Environment, Department of Computer Science and Engineering, Sharda University, Greater Noida, India. Reg No: 2010002604
19. K. Chidananda Murthy, Generation of Chaotic Binary Sequences for Cryptographic Applications, Department of Electronics and Communication, Visvesvaraya Technological University, India. Reg No: 1DA15PEJ04

## **(SEMINARS/WORKSHOPS/TECHNICAL LECTURES DELIVERED)**

### **(Seminars/Webinars Delivered)**

1. Organized Seminar on “Career in Networking & Internet Terminology” at Quest Infosys, Regional Center Punjab Technical University, Ludhiana
2. Organized Seminar on “Database Administration-Oracle & Internet Security” in Punjab Technical University Center (460) in Sirhind, Fatehgarh Sahib.
3. Organized seminar on “Wireless Networking & Securing Networks” at Quest Infosys, Regional Center Punjab Technical University, Ludhiana



4. Organized seminar on “Data Recovery: Mechanisms and Techniques” at Quest Infosys, Regional Center Punjab Technical University, Ludhiana.
5. Organized seminar on “Career and Futuristic Impact of Information Technology in career of India + Programming Aspects of Java & .net” at Quest Infosys, Regional Center Punjab Technical University, Ludhiana.
6. Organized 3 Days International Online Faculty Development Program on “AI and IoT for Medical Applications” by GMR Institute of Technology, Andhra Pradesh, India. (June 1- June 3, 2020)
7. Organized 1 Day Webinar on “Internet of Medical Things + Artificial Intelligence Internet of Things” at Career Point University, Kota, Rajasthan, India. (June 10, 2020)
8. Organized International Workshop on IoT, AI and Machine Learning for Engineering on “Internet of Everything”. (June 13, 2020)
9. International Webinar on Strategies against the Covid-19 Pandemic, Delivered Talk on “Artificial Intelligence on Healthcare + Case Study on Covid-19” at Department of Biotechnology, Kumaun University, Nainital, India. (June 18, 2020)
10. International Webinar on Future of Technology using Cloud Computing and Industry 4.0, Delivered talk on “Industry 4.0” at Sant Baba Bhag Singh University, Punjab. (June 18, 2020)
11. Organized 2-Days Online Webinar on “Tips to formulate Research Project Proposals and Write Technical Papers” at Department of Electronics and Communication Engineering, GMR Institute of Technology, Andhra Pradesh, India. (June 21-22, 2020)
12. Organized International Webinar on “Internet of Vehicles” at Department or Electronic and Telecommunication Engineering, MGM’S College of Engineering, Nanded, India. (June 28, 2020)
13. Organized 1 Day International Webinar on “Cyber Physical Systems and Real Time Case Study on Internet of Underwater Things” at Department of Electrical Engineering, Narula Institute of Technology, Kolkata, India. (June 28, 2020)
14. Organized 1 Day International Webinar on “Brain Computer Interface and its Applications, Research Issues” at Department of Electronics and

Communication Engineering, Brainware University, Kolkata. (June 30, 2020).

15. Organized 1 Day International Webinar on “Research in Higher and Technical Education” at One Day International Webinar on Learners Never Stop Learning- Risk Management for Students and their future. Organized by BITT Polytechnic College, Jharkhand, India. (June 30, 2020).
16. Organized 1 Day International Webinar on “Internet of Autonomous Vehicles” at Hindustan College of Engineering and Technology, Coimbatore, India. (July 6, 2020)
17. Organized 1 Day International Webinar on “Blockchain Technology” at Department of Computer Science and Engineering, Faculty of Engineering and Technology at Khaja Bandanawaz University, Mumbai, India. (July 7, 2020)
18. Organized 1 Day International Webinar on “Introduction to Internet of Things (IoT) and Its Application” at Mandsaur Universty, Mandsaur, India. (July 7, 2020)
19. Organized 1 Day International Webinar on “Industry 4.0 Cyber Physical Systems and Real Time Cases” at JSPM’s Imperial College of Engineering and Research, Wagholi, Pune, India. (July 10, 2020)
20. Organized 1 Day International Webinar on “6G Technologies” at Hindustan College of Arts and Sciences, Coimbatore, India. (July 16, 2020)
21. Organized 1 Day International Webinar on “Industry 4.0” at Jeppiaar Engineering College, Chennai. (July 20, 2020)
22. Organized 1 Day International Webinar on “Artificial Intelligence for Healthcare” at Vidyavardhaka College of Engineering, Wireless Inter Networking Group, Mysuru, India. (July 23, 2020)
23. Organized 1 Day International Webinar on “Research Methodology- Paper Writing and Online Tools” at Department of Electrical Engineering, Sobhasaria Group of Institutions, Sikar, Rajasthan. (July 24, 2020)
24. Organized 1 Day International Webinar on “Leveraging Artificial Intelligence in Healthcare-Special Reference to COVID-19 Pandemic” at Amar Singh College, Srinagar, India. (July 28, 2020)

25. Organized 2 Days International Webinar on “High Quality Research-Approach, Design and Publishing” at Bangalore Institute of Technology, Bengaluru, India. (August 5, 6, 2020)
26. Organized 1 Day International Webinar on “Artificial Intelligence in Healthcare” at SNS College of Technology, Chennai, India. (August 7, 2020)
27. Organized 1 Session at IEEE Virtual Talk Series-2020 on “Online Research Tools for Effective Research+Tips for Writing an Effective SCIE Paper+Tips for Acceptance” at IEEE ACSIR-CSIO-Student Branch, Chandigarh, India. (August 10, 2020)
28. Organized 1 Day International Webinar on “Internet of Drone Things (IoDT)” AT Gandhipathy Tulsi’s Jain Engineering College, Vellore, Tamil Nadu, India. (August 11, 2020)
29. Organized 1 Session at International Webinar on “Wireless Communication (6G) and IoT” at Shri Sant Gajanan Maharaj College of Engineering, Shegaon, India. (August 12, 2020)
30. Organized 1 Session at International Webinar on “Industry 4.0” at IETE Mysuru Center, India. (August 16, 2020)
31. Organized 1 Session at BPB Publications on “Industry 4.0: Transforming Industries to Smart Industries in Near Future” (September 5, 2020)
32. Organized 1 Session at Sardar Vallabhbhai Patel Institute of Technology-VASAD, India on “Blockchain and Its Applications” (September 12, 2020)
33. Organized 1 Session at Bharati Vidyapeeth’s College of Engineering, New Delhi India on “Career in Programming” (October 6, 2020)
34. Organized 2 Days Webinar at Vaagdevi Engineering College, Warangal, India on “Artificial Intelligence for Health Applications” (October 6, 7, 2020)
35. Organized 1 Day Webinar at Surya Engineering College, Erode, Tamil Nadu on “Internet of Drone Things” (October 27, 2020)

36. Organized 1 Day Webinar at Center for Development of Advanced Computing (CDAC), Mohali, India on “LoRaWAN” (October 29, 2020)
37. Organized 1 Day Webinar at VIT, Vellore, India on “Introduction to LoRaWAN Technology and Research Opportunities” (November 28, 2020)
38. Organized 1 Day Webinar at Raj Kumar Goyal Institute of Technology, India on “Cobotics” (December 22, 2020)
39. Organized 1 Day International Webinar at Shri Neeljanteshwar Government P.G. College, India on “Autonomous Vehicles: Future Transportation for Smart Cities”(January 5, 2021)
40. Organized 1 Day Webinar on One Day International workshop on E-Waste : Awareness and its Management at Science College, Nanded, Mumbai, India on “E-WASTE MANAGEMENT AND ITS EFFECTS” (January 9, 2021)
41. Organized 1 Day Webinar on Career Opportunities in Machine Learning and AI at Jagannath University, Rajasthan, India on “Career Opportunities in Machine Learning and AI” (February 11, 2021)

### **(Special Invited Technical Lectures)**

1. Technical Lecture delivered on “Career in Networking, Database and Software Engineering. Trends in Latest Technologies like Android and 3G Networks” being organized by Rayat Bahra college of Engineering and Nanotechnology for Women, Hoshiarpur.
2. Technical Lecture delivered on “Cloud Computing and Future Trends in Cloud Computing” being organized by Rayat Bahra College of Engineering and Nanotechnology for Women, Hoshiarpur.
3. Technical Lecture delivered on “Computer Networks and Network Security” being organized by Sant Hira Dass Kanya Mahavidyalaya, Kala Sanghian, Distt. Kapurthala.

4. Technical Lecture delivered on “Research Methodology and Cyber Security” being organized by CGC Landran Group of Colleges, Chandigarh.
5. Technical Lecture delivered on “Innovations in Research and Wireless Sensor Networks” being organized by Global Institute of Engineering and Emerging Technologies, Amritsar.
6. Technical Lecture delivered on “Current and Future Medical Technologies” being organized by Punjab Institute of Medical Studies (PIMS), Jalandhar.
7. Technical Lecture delivered on “MOSIX OS, Red Hat Linux Administration and Windows 2012 Administration” in Department of Computer Science being organized by CGC Landran Group of Colleges, Chandigarh.
8. Technical Lecture delivered on “Computing Technologies” in Department of Computer Science being organized by S.G.G.S. Khalsa College, Mahilpur, Hoshiarpur.
9. Technical Lecture delivered on “HR Interview-Preparation” in Department of Computer Science & Engineering being organized by Lyallpur Khalsa College of Engineering, Jalandhar.
10. Technical Lecture delivered on “Wireless Sensor Networks- Live Demonstration of Sensor Nodes and Issues on WSN” in Department of Computer Science being organized by Desh Bhagat University, Mandi Gobindgarh.
11. Technical Lecture delivered on “Security Issues and Recent Advancements of IoT in Healthcare” in VIT University, Vellore, India.
12. Technical Lecture delivered on “Internet of Drone Things (IoDT)” in VIT University, Vellore, India.
13. Technical Lecture delivered on “Industry 4.0” in DAV Institute of Engineering and Technology, Punjab, India.
14. Technical Lecture delivered on “Blockchain and Bitcoins” in Bharti Vidyapeeth College of Engineering, New Delhi, India.

15. Technical Lecture delivered on “Trends in Cloud Computing towards Industry Oriented Concepts” in IILM, Noida, India.
16. Technical Lecture delivered on “Future Trends in Networking and Communication” at Dr. Akhilesh Das Gupta Institute of Technology and Management (Formerly Northern India Engineering College) at New Delhi, India.
17. Technical Lecture delivered on “Futuristic Artificial Intelligence Direction Towards the Internet of Vehicles and Cyber Security” in School of Information and Communication Technology, Gautam Buddha University, Noida, India.
18. Technical Lecture delivered on “Artificial Intelligence in Wireless Networks” in Department of Telecommunication Engineering at Sri Siddhartha Institute of Technology, Tumakuru.
19. Technical Lecture delivered on “Career in Programming and Latest Trends 2020 in Technology” in Department of ECE, CSE at Vidya Vikas Institute of Engineering and Technology, Mysore, Karnataka.
20. Technical Lecture delivered on “6G Wireless Technology, Panel Discussion on General Research, IoT, IoT Lab Development and Research Methodology” in Department of ECE, CSE at Vidyawardhaka College of Engineering, Mysore, Karnataka.
21. Technical Lecture delivered on “Career in Programming” in Department of ECE at GSSS Institute of Engineering and Technology for Women, Mysore, Karnataka.
22. Technical Lecture delivered on “Internet of Drone Things (IoDT)” in Department of ECE at SJB Institute of Technology, Bengaluru, India.
23. Technical Lecture delivered on “Bitcoins, Blockchains and Cryptocurrencies” in Online Lecture Series organized by Amity Institute of Information Technology (AIIT), Amity University, Noida, India.

24. Technical Lecture delivered on “Industry 4.0” in Online Lecture Series organized by Amity Institute of Information Technology (AIIT), Amity University, Noida, India.

25. Technical Lecture delivered on “Transforming Traditional Industries to Smart Manufacturing via Industry 4.0” in Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Noida, India.

26. Technical Lecture delivered on “How to Use Cloud Computing Effectively (Theory to Practise)” in Department of Computer Science and Engineering, Sathyabama Institute of Science and Technology, Chennai, India.

## **(Seminar's/Workshop's/Faculty/Staff Development Programs (FDP/SDP Attended))**

**Total FDP'S Attended: 22**

### **12 Days FDP Programs**

- 12 Faculty Development Programme on “Advanced Optimization Techniques and Hands on with MATLAB/SCILAB” being jointly organized by Electronics and ICT Academy, MNIP Jaipur; NIT Patna; PDPM IIT DM Jabalpur.

Dates: 13-24 July 2020

### **8/7 Days FDP Programs**

- **7 Days National Workshop on “Computer Networks and Computing Technologies (CNCT-2011)” at Apeejay Institute of Fine Arts, Jalandhar. Dates: 22-28 December, 2011**
- **8 Days PTU Sponsored Workshop on “Human Values and Professional Ethics (HVPE)” at Swami Paramanand Institute of Engineering and Technology, Lalru, Mohali. Dates: 30 Apr-7 May, 2012**
- **7 Days IGCCIA & IRD Sponsored Workshop on “Emerging Trends & Challenges in Management and IT Education” at KCL Institute of Management and Technology, Jalandhar. Dates: 14 Dec-20 Dec, 2015.**

## **5 Days FDP Programs**

- **5 Days AICTE Sponsored Staff Development Programme (SDP) on Research Methodology and Data Analysis using SPSS 18.0 at Bhai Gurdas Institute of Engineering and Technology, Sangrur. Dates: 21-25 May, 2012.**
- **5 Days Short Term Course (STC) on Recent Trends in Optical Communication Systems and Networks at Thapar University, Patiala, Punjab. Dates: 24-28 Dec, 2012.**
- **5 Days Computer Society of India (CSI) Sponsored National Workshop on Network Simulator 3 (NS-3) ‘Simulation for Network Protocols on a Complex Innovation Network (Sim4Net 2016) at Amity University, Jaipur, Rajasthan. Dates: 19-23 December, 2016.**
- **5 Days FIRST Sponsored Training Workshop on “Fundamentals on High Spectral Efficiency Communications” at University of Da Nang, Da Nang, Vietnam. Dates: May 28 to June 1, 2018.**
- **5 Days Online Training on “Industrial IoT using LoRaWAN Technology” being organized by Enthi Academic Solutions (An Academic Division of Enthi Technology Solutions, India Pvt. Ltd.). Dates: April 27, 2020 to May 1, 2020. Certificate No: EAS202104A036**



### **3 Days FDP Programs**

- **3 Days Faculty Development Program on “Learn Arduino Step by Step” being organized by GMR Institute of Technology, Kakinada. Dates: 15<sup>th</sup> May, 2020 to 17<sup>th</sup> May, 2020**

### **2 Days FDP Programs**

- **2 Days PTU Sponsored Workshop on Advancements in Wireless Technology (AWT) at Bahra Group of Institute, Patiala Campus, Patiala. Dates: 18-19 May, 2012.**
- **2 Day’s Workshop on Cloud Computing- “Amazon, Google Cloud and Microsoft Azure” being organized by Punjab Technical University (PTU) in association with IFC3 India and Neuromacers IIT Bhubaneshwar. Date: 31 October, 2015 & 1<sup>st</sup> November, 2015.**
- **2 Day’s Training Course on “Case & Effect Graphing Testcase Design Method for Software Safety” being organized by ThinkforBL at Da Nang Software Park, Da Nang, Viet Nam.**
- **2 Day’s Online Training Course on “Understanding Citations and Tips to Improve H-Index” being organized by “Learning with Chandan” and “Voice of Environment” on 6-7<sup>th</sup> May, 2020.**

### **1 Day FDP Programs**

- **1 Day Workshop on Research Paper Writing being organized at Rayat Bahra College of Education, Sahauran, Mohali, Punjab. Date: 16 November 2012.**
- **1 Day Workshop on Case Study Analysis and Skill Development being organized at KCL Institute of Management and Technology, Jalandhar. Date: 7 April 2014.**

- **1 Day Workshop on Embedded Systems- “PIC Microcontroller- PIC 16F877A” being organized at Lovely Professional University (LPU), Phagwara. Date: 9 August 2014.**
- **1 Day Workshop on “LaTeX”- Research and Report Writing Tool being organized at CT Institute of Technology and Research (CTITR), Maqsudan, Jalandhar. Date: 17 November 2015.**
- **1 Day Workshop on Financial Planning in Collaboration with Investor Awareness Division, SEBI being organized at KCL Institute of Management and Technology, Jalandhar. Date: 1 February 2017.**
- **1 Day Workshop on “PHP” being organized by KCL Institute of Management and Technology, Jalandhar. Date: 18 February, 2017.**
- **1 Day Workshop on “Case Analysis” being organized by KCL Institute of Management and Technology, Jalandhar. Date: 29 March, 2017.**
- **1 Day Online Workshop on “Python Programming” being organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Noida. Date: 25<sup>th</sup> April, 2020.**
- **1 Day Online Workshop on “How to Catch Fake/Predatory/Cloned Journals in Academic” hosted by Library of DAV College, Chandigarh. Date: 30<sup>th</sup> June, 2020**

**(Workshop / Faculty Development Program's)  
(Resource Person)**

1. Delivered 2 Day Workshop on Microsoft Windows XP Administration: Networking and Security Issues in Quest Infosys, Ludhiana as Faculty Development Program.
2. Delivered 1 Day Workshop-ISTE Student Chapter Sponsored Workshop on Futuristic Trends in Communication Systems at Rayat Bahra College of Engineering and Nano Technology for Women, Hoshiarpur.
3. Delivered 1 Day Student Workshop on Network Security in PCMSD College, Jalandhar.
4. Delivered 1 Day (2 Sessions) on ISTE & PTU Sponsored Faculty Development Workshop titled “Emerging Computer Trends and Technologies in Industry” at RIMT, Mandi Gobindgarh.

**(Topic: Research Methodology, Cloud Computing, Wireless Sensor Networks)**

5. Delivered 2 Day (4 Sessions) on PTU Sponsored Faculty Development Workshop on “Cloud Computing Algorithms & Architectures” at CGC College of Engineering, Chandigarh.

(Topic: Cloud Simulators, Cloud Servers and Online Cloud O/s)

6. Delivered 1 Day (3 Sessions) at MSME Govt. Sponsored Faculty Development Programme on “Scientific Research Methodology Using MATLAB” at Rukmini Devi Institute of Advanced Studies, Rohini, New Delhi

(Topic: Research Methodology and Live Wireless Sensor Network Implementation)

7. Delivered 1 Day (2 Sessions) at TEQIP FDP on “Soft Computing” at Deenbandhu Chottu Ram University of Science and Technology (DCRUST), Murthal.

(Topic: Innovations in Research Practices and Swarm Intelligence)

8. Delivered 1 Day (3 Sessions) at Short Term Course on “Wireless Communications” at National Institute of Technical Teachers Training and Research (NITTTR, Chandigarh)

(Topic: Live Demonstration of Wireless Sensor Networks, Live Hands on OMNeT++ and Raspberry Pi)

9. Delivered 1 Day (3 Sessions) at Short Term Course on “Big Data Analytics” at National Institute of Technical Teachers Training and Research (NITTTR, Chandigarh)

(Topic: Big Data, Apache Hadoop, Pig and Hive)

10. Delivered 1 Day (2 Sessions) at Short Term Course on “Digital Repository and Storage Management” National Institute of Technical Teachers Training and Research (NITTTR, Chandigarh)

(Topic: Concept of Digital Repository, How to Formulate Digital Repository, Coverage towards various Digital Repositories in World)

**11. Delivered 1 Day (3 Sessions) at Workshop on Internet of Things (IoT 2016) Learn Design and Development Internet of Things Systems at Dronacharya College of Engineering, Gurgaon.**

**(Topic: Raspberry Pi, Awareness of Pi 1/2/3, Making Pi as Web Server, Kali Linux Server, Cloud Computing Server and Many More)**

**12. Delivered 1 Day (2 Sessions) at Seminar on “Quality Education” at Dev Samaj College for Women, Ferozepur**

**(Topic: Indian Education System, Education System Problems, Issues and Solutions to Engineering in Technical Institutes of India).**

**13. Delivered 1 Day (3 Sessions) at Two Weeks Faculty Development Programme on “Emerging Research Trends in Computer Science and IT” at Bharti Vidyapeeth Institute of Computer Applications (BVICAM), New Delhi in Collaboration with IEEE Delhi Section, IEEE Computer Society- Delhi Section, AICTE, CSI Delhi Chapter and ISTE Delhi Section.**

**Topics Delivered: Wireless Sensor Networks, Hands on Sensors and Wireless Sensor Network- Real Time Environmental Monitoring, NS-3 Simulator, Raspberry Pi.**

**14. Delivered 1 Day (4 Sessions) at 1 Day Faculty Development Programme on “Emerging Trends in Networks & IoT” at Maharaja Agrasen Institute of Technology (MAIT), Rohini, New Delhi.**

**Topic Covered: Wireless Sensor Networks- Research Issues and Simulations, Internet of Things, Cup Carbon Simulator, Research Methodology and Hands on Raspberry Pi.**

**15. Delivered 4 Days (8 Sessions) at 4 Day Faculty Development Programme at Vellore Institute of Technology (VIT) Vellore, Tamil Nadu. (*ACM Distinguished Speaker Coverage*)**

**Topics Covered: Trends in Cloud Computing, Cloud Services and Security Enhancements- 19<sup>th</sup> August, 2019. Industry 4.0 and Transformation of Smart Industries to Industry 5.0/X.0- 20<sup>th</sup> August, 2019. Industrial Internet of Things and Technologies Surrounding and Powering Internet of Things- 21<sup>st</sup> August, 2019. Exploring Hidden Secrets of writing Research Paper and Effective Policies of becoming Scientific Researcher- 22<sup>nd</sup> August, 2019.**

**16. Delivered 1 Day (1 Session) at 1 Day Faculty Development Programme on “Industry 4.0” at Shri Sai Rai Institute of Technology (SAIRAMIT), Tambaram, Chennai.**

**17. Delivered 1 Day (2 Sessions) at 1 Day Faculty Development Programme on “Industry 4.0 and Blockchain Technology” at Vellore Institute of Technology (VIT), Chennai.**

**18. Delivered 1 Day (1 Session) at 5-Day Global E-Symposium on “Global Pandemic Outbreak: Role of Technology and Automation (GPORTA)” at JSSATE, Noida**

**Topic Covered: Artificial Intelligence in Healthcare and Role of Artificial Intelligence in COVID-19.**

**19. Delivered 2 Day (2 Sessions) at 2-Day Faculty Development Program on “Internet of Vehicles” at KPR Institute of Engineering and Technology, Chennai, India. (June 4-5, 2020)**

**Topics Covered: Internet of Vehicles, Autonomous Technologies for Smart Vehicles, Security for Connected Car**

**20. Delivered 3 Days (6 Sessions) on Faculty Development Programme on “AI and IoT for Medical Applications” at GMR Institute of Technology, Andhra Pradesh, India (June 1 to June 3, 2020)**

**Day 1: Artificial Intelligence in Healthcare; Internet of Medical Things**

**Day 2: Cryptocurrency and Blockchain**

**Day 3: Brain Computer Interface and Industry 4.0**

**21. Delivered 1 Day (2 Sessions) on Faculty Development Programme on Recent Trends in Wireless Communications organized by R.C. Patel Institute of Technology, Shirpur, Mumbai. (June 7, 2020)\_**

**Talk’s on:**

**Artificial Intelligence in Wireless Communications  
6G Communications**

**22. Delivered 2 Days (2 Sessions) on Faculty Development Programme on Artificial Intelligence in Healthcare being organized by R.C. Patel Institute of Technology, Shirpur (June 10-11, 2020)**

**Talks on:**

- 1. Artificial Intelligence in Healthcare + Hands on Session on COVID-19**
- 2. Robotic Process Automation in Healthcare**

**23. Delivered 3 Days (3 Sessions) on Faculty Development Programme on Future Advancements and Applications of Internet of Things (IoT) at Sandip Institute of Engineering and Management, Nashik, Mumbai (June 12-14, 2020)**

**Talks on:**

- 1. Internet of Things Lab + Internet of Medical Things + Artificial Intelligence in Healthcare**
- 2. Research Methodology**
- 3. Internet of Underwater Things + Internet of Robotic Things + Internet of Drone Things**

**24. Delivered 2 Days (2 Sessions) on International Workshop on “The Craft of Research” in Department of Mathematics at SRM Institute of Science and Technology, Ramapuram Campus, India. (July 2-3, 2020)**

**Talks on:**

- 1. Writing Scientific Paper and Tips for Acceptance**
- 2. Writing Teaching and Research Statement**
- 3. Avoiding Rejections on Paper and Predatory Journals.**
- 4. How to get Grants on Projects**

**25. Delivered 3 Days (3 Sessions) Faculty Development Program on “Research Methodology and Techniques at Sandip Institute of Engineering & Management (SIEM), Maharashtra, India. (July 4-6, 2020)**

**Topics: Writing Research Paper, Getting Grant, How to Read Research Paper, Mistakes to Avoid in Paper, Writing Teaching and Research Statement, Research Tools and Techniques and, How to effectively write Scientific Paper.**

**26. Delivered 1 Session Faculty Development Program titled “Exposure & Rejuvenation of Technologies in Changed Era of The World” by Raj Kumar Goel Institute of Technology, Ghaziabad, India. (July 7, 2020)**

**Talk on “Internet of Drone Things”**

**27. Delivered 1 Session Short Term Training Programme Program on “Research Methodology” by Gautam Buddha University, Greater Noida, U.P. Noida. (July 9, 2020)**

**Talk on “How to do Research, How to do Academic Paper Writing + Common Mistakes to Avoid)**

**28. Delivered 1 Session on 1 Week Faculty Development Program on “Research Avenues in Electrical Engineering” by Karpagam College of Engineering, Coimbatore. (July 10, 2020)**

**Talk on “Research Avenues in Smart Grids”**

- 29. Delivered 2 Sessions on International Faculty Development Program titled “World of Cyber Physical Systems and Future Robotics of Industry: Cobotics” by R.C. Patel Institute of Technology, Shirpur, Mumbai. (July 11, 12, 2020)  
Topics: “World of Cyber Physical Systems”  
“Future Robotics of Industry: Cobotics”**
- 30. Delivered 1 Session Short Term Training Programme Program on “Research Methodology” by Gautam Buddha University, Greater Noida, U.P. Noida. (July 13, 2020)  
Talk on “How to do Write Thesis and How to write Scientific Paper + Get Published in ISI Journals)**
- 31. Delivered 1 Session on Faculty Development Programme on “Exploring the Nuances of Deep Learning for Research Applications- A Deeper Experience” by Karunya Institute of Technology and Sciences, Coimbatore, India. (July 13, 2020)  
Topic: Practical Points of Deep Learning for Medical Imaging”**
- 32. Delivered 1 Session on International Faculty Development Program on “Trends in Artificial Intelligence and Machine Learning” at Department of Computer Application, North Orissa University, Odhisa, India. (July 17, 2020)  
Topic: Deep Learning in Medical Image Processing**
- 33. Delivered 2 Session on International Faculty Development Programme on “Internet of Things” at Department of Information Technology, EASWARI Engineering College, Chennai. (July 18, 2020)  
Topic: Internet of Things and LoRaWAN**
- 34. Delivered 1 Session on National Level Faculty Development Program on “Online Social Network” at MIT Art Design and Technology University, Pune- MIT School of Engineering. (July 25, 2020)  
Topic: Challenges and Opportunities in Online Social Network**
- 35. Delivered 2 Session on International Virtual Workshop on “LoRaWAN and Intellectual Property Rights” at Easwari Engineering College, Chennai. (July 26, 2020)  
Topic: Hands on Demonstration on Dragino LoRaWAN Kit, Internet of Everything and Patents- How to File Patent in India.**



36. Delivered 1 Session on International Online Faculty Development Program on “Technologies with Social Relevance” at GMR Institute of Technology, Rajam, India. (July 27, 2020)  
Topic: LoRaWAN Technology- Glimpse into Future Communication
37. Delivered 1 Session on National Level Faculty Development Program on “Free Tools for Research and Publication” at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh. (July 30, 2020)  
Topic: Research Tools for Effective Research
38. Delivered 1 Session at National Level FDP on Virtual Classroom and LaTeX Programming at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, India. (24<sup>th</sup> August, 2020)  
Topic: Effective Research, Thesis Writing and Publications Pedagogy
39. Delivered 1 Session at Online One Week STTP on AI and Machine Learning at Manav Rachna International Institute of Research and Studies, Faridabad, India (28<sup>th</sup> August, 2020)  
Topic: Artificial Intelligence in Healthcare with hands on Covid-19
40. Delivered 1 Session at Online One Week FDP on Blockchain and Its Applications, Jaipur (16<sup>th</sup> September, 2020)  
Topic: Mining in Bitcoins
41. Delivered 2 Sessions at Online Six Days workshop on Contemporary Artificial Intelligence- Online Refresher Programme. (22<sup>nd</sup> October, 2020 and 23<sup>rd</sup> October, 2020)  
Topic: AI for Healthcare and AI for Biomedical Applications
42. Delivered 1 Session at Online FDP on “Blockchain Technologies and its Applications sponsored by AICTE Training and Learning (ATAL) Academy by Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur, India. (24<sup>th</sup> November, 2020)  
Topics: Blockchains, Bitcoins and what next
43. Delivered 1 Session at Six Days Online Refresher Program on “Contemporary AI: Application in Healthcare” organized by Dr. D.Y. Patil Pratishthan’s D.Y. Patil College of Engineering, Pune, India. (11<sup>th</sup> December, 2020)  
Topic: Prospects of AII in Healthcare with case study on COVID-19

**44. Delivered 1 Session at Two Weeks AICTE Sponsored FDP program on “Artificial Intelligence and its Applications in Biomedical Engineering” organized by JSPM’s Rajashi Shahu College of Engineering, Pune, India (14<sup>th</sup> December, 2020)**

**Topic: Advanced Artificial Intelligence technologies for Improvising Healthcare with Case Study on COVID-19.**

**45. Delivered 2 Sessions at Online 2 Days International Workshop on Paper and Report Writing organized by Vidyavardhaka College of Engineering, Mysuru, India. (15<sup>th</sup> December, 2020)**

**Topics: How to write SCIE Paper, How to Manage Project Grants and Research Tools for Effective Research.**

**46. Delivered 1 Session at Six Days Refresher Program on “Contemporary AI: Idea to Product” organized by Dr. D.Y. Patil Pratishthan’s D.Y. Patil College of Engineering, Pune, India. (25<sup>th</sup> December, 2020)**

**Topic: Autonomous Vehicles: Future Transportation of Smart Cities**

**47. Delivered 2 Sessions at Six Days AICTE Funded Short Term Training Programme (STTP) on Digital Twin Technology for Industrial Automation Process at Sathyabama Institute of Science and Technology, Chennai, India. (7<sup>th</sup> December, 12 December, 2020)**

**Topic: Modern Digital Twins and Digital Twin Tools for Industrial Automation  
Industry 4.0: Transforming Traditional Industries to Smart Factories  
Digital Twin Technology and Case Studies in Real World.**

**48. Organized 1 Session at Six Days Faculty Development Program on Blockchain Technologies and Applications at Department of Computer Science and Engineering, Jaypee Institute of Information Technology, Noida, India**

**Topic: Blockchain, Bitcoin and Next...?**

**49. Organized 1 Session at Five Day Faculty Development Program on Blockchain being organized by JSS Mahavidyapeetha JSS Academy of Technical Education, New Delhi, India.**

**Topic: Blockchain, Bitcoin and What Next ....?(Turning Point in the World)**

- 50. Organized 5 Days (One Week) Faculty Development Program in Department of Electronics and Telecommunication Engineering at Shri Sant Gajanan Maharaj College of Engineering, Shegoan, India. (Feb 1-5, 2021)**  
Feb 1, 2021: Industry 4.0 and Cyber Physical Systems  
Feb 2, 2021: Research Tools and How to Get Research Grant  
Feb 3, 2021: Medical Informatics and AR Technology  
Feb 4, 2021: Digital Twin Technology  
Feb 5, 2021: Autonomous Vehicles: Transportation for Future Megacities
- 51. Organized 1 Session at Short Term Course on “Technical Writing using LaTeX” at National Institute of Technical Teachers Training and Research (NITTTR, Chandigarh). (Feb 16, 2021)**  
Topic: Tips and Tools for Effective Technical and Research Writing
- 52. Organized 1 Session at Short Term Training Program on “Artificial Intelligence and Machine Learning” at Karpagam Academy of Higher Education, Coimbatore, India. (Feb 18, 2021)**  
Topic: Artificial Intelligence in Wireless Communication
- 53. Organized 2 Sessions at Two Days workshop on “Robotics: Tools and Technologies” at Charusat Charotar University of Science and Technology, Changa, Gujarat, India. (Feb 27, 2021)**  
Topic: Internet of Drone Things, Cyber Physical Systems and Cobotics
- 54. Organized 1 Session at Five-Day Faculty Development Program on “Advances in Internet of Things” at Vidyavardhaka College of Engineering, Mysuru, Karnataka, India. (March 2, 2021)**  
Topic: Advances in Industrial Internet of Things (IIoT)

**(ACADEMIC/ RESEARCH/ EDUCATION AWARDS)**

**Total Awards: 29**

1. **College Color** from DBIMCS as Best Speaker, Quizzer and Best Student of MCA Course 2005-08.
2. **Best IT Faculty Award** by Dotway Computers, Ludhiana (PTU Study Center) in 2009.
3. **Outstanding Reviewer 2012** in International Journal of Research in Computer Science (IJORCS) by White Globe Publications, Ludhiana, Punjab.
4. **Shiksha Ratan Puraskar Award 2012-Computer Science** by India International Friendship Society (IIFS), New Delhi.

5. **Best Citizen of India Award 2012- Computer Science** by Best Citizen Publishing House, New Delhi.
6. **ISTE Best Teacher Award 2013-Computer Science** by Indian Society of Technical Education (ISTE), India.
7. **Young Scientist Award 2013-Computer Science Research Excellence** by IRAJ Research Association, India.
8. **Bharat Excellence Award 2014-Education& Research** by Friendship Forum of India.
9. **Rashtriya Gaurav Puraskar Award 2014-Computer Science, Education & Research- Achievements and Contributions** by India International Friendship Society (IIFS), New Delhi.
10. **Rashtriya Jewel Award 2015-Education& Computer Science Research** by Friendship Forum of India.
11. **Global Excellence Award 2015-Education& Scientific Research** by Friendship Forum of India.
12. **Exemplary Educationist Award 2015-Education Achievements and Contributions Research** by Indo Global Chamber of Commerce, Industries and Agriculture in Association with Confederation of Indian Universities at The International Education and Leadership Summit-2015.

a. *(First Computer Science Professor in Punjab to Receive this Award)*

13. *Distinguished Faculty Award 2015-Education Achievements and Contributions Research* by Indo Global Chamber of Commerce, Industries and Agriculture in Association with Confederation of Indian Universities at The International Education and Leadership Summit-2015.

a. *(First Computer Science Professor in Punjab to Receive this Award)*

14. *Indira Gandhi Award for Excellence 2015-Education & Scientific Research* by Friendship Forum of India.

a. *(First Computer Science Professor in Punjab to Receive this Award)*

15. *ISTE SECTION BEST COMPUTER SCIENCE TEACHER* by Indian Society for Technical Education (ISTE), New Delhi.

a. *(First Computer Science Professor in Punjab to Receive this Award- 2<sup>nd</sup> Time)*

16. *Global Teacher Role Model Award 2015* by MVLA Trust, Mumbai.

a. *(First Computer Science Professor in Punjab to Receive this Award)*

17. **Young Researcher Award 2017** by ITSR (Institute of Technical and Scientific Research), Jaipur.
- a. **(First Computer Science Professor in Punjab to Receive this Award)**
18. **Best Scientist Award 2017** by ITSR (Institute of Technical and Scientific Research), Jaipur.
- a. **(First Computer Science Professor in Punjab to Receive this Award)**
19. **Asian Status Award for Intellectual People 2018-Education & Scientific Research** by Friendship Forum of India.
20. **Global Indian Personality Award 2018 -Education & Scientific Research** by Friendship Forum of India.
21. **Indo-International Emerging Star Award 2018-Education & Scientific Research** by Friendship Forum of India.
22. **Outstanding Researcher Award (Computer Science and Engineering)2019- Advanced Research** by GOREA, India.
23. **Top 1% Reviewer- Computer Science, Engineering and Cross-Field for Reviews** by Publons- Year 2019.
24. **Best Researcher- Computer Science** by Duy Tan University- Year 2019.

25. **Distinguished Scientist Award- Computer Science** by VDGGOOD Professional Association under International Scientist Awards on Engineering, Science and Medicine- Year 2020.
26. **International Researcher of the Year 2020- Computer Science** by ICCIC 2020 Conference.
27. **Excellence in Education Award-2020- Computer Science** by Institute of Technical and Scientific Research, Jaipur, India.
28. **Outstanding Teacher of Indian Origin working in Foreign University 2020** by MTC Global, under MTC Global Award for Excellence, 2020.
29. **Top 2% Scientist by PLOS ONE and STANFORD University, 2019 (Career Single Year)- Artificial Intelligence, Networking and Telecommunications and Information and Communication Technologies.**



### Books Published

Sr. No	Name of Book	Publisher Name	ISBN No	Edition	Revised Edition	Sole/Co-Author	Class
1.	Windows and Networking	ABS Publications	987-81-7072-121-5	1 <sup>st</sup> - 2010	----	Co-Author	B.Com (Prof.) II G.N.D.U
2.	Computer Applications	ABS Publications	978-81-7072-118-5	1 <sup>st</sup> - 2010	2 <sup>nd</sup> 2011	Co-Author	B.Com (Prof.) I G.N.D.U
3.	Data Communications and Computer Networking	ABS Publications	978-81-7072-127-7	1 <sup>ST</sup> - 2011		Sole Author	Refereed Book
4.	Computer Applications	ABS Publications	978-81-7072-134-5	1 <sup>ST</sup> - 2012		Co-Author	P.S.E.B XI Class
5.	Computer Applications	ABS Publications	978-81-7072-135-2	1 <sup>st</sup> - 2012		Co-Author	P.S.E.B. XII Class

6.	<b>Computer Applications for Business</b>	<b>ABS Publications</b>	<b>978-81-7072-148-2</b>	<b>1<sup>st</sup>- 2013</b>		<b>Co-Author</b>	<b>B. Com (Prof.) Sem-II G.N.D.U</b>
7.	<b>Software Engineering &amp; Project Management</b>	<b>Thakur Publications</b>	<b>978-93-83130-17-7</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>MCA Sem-III PTU, Jal.</b>
8.	<b>Information Management</b>	<b>ABS Publications</b>	<b>978-81-7072-160-4</b>	<b>1<sup>st</sup></b>		<b>Sole Author</b>	<b>MCA-I PTU, Jal.</b>
9.	<b>Data Warehousing and Data Mining</b>	<b>Thakur Publications</b>	<b>978-93-5163-015-9</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>MCA-4<sup>th</sup> PTU, Jal.</b>
10.	<b>Embedded Systems</b>	<b>Thakur Publications</b>	<b>978-93-5163-133-0</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>MCA-5<sup>th</sup> PTU, Jal.</b>
11.	<b>Wireless Sensor Networks</b>	<b>VSRD Publications</b>	<b>978-93-86258-11-3</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>Refereed Book</b>
12.	<b>Management Information Systems</b>	<b>VSRD Publications</b>	<b>978-93-86258-18-2</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>Refereed Book</b>
13.	<b>Handbook of Arduino</b>	<b>Scholar-Press, Germany</b>	<b>978-3-330-65093-0</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>Refereed Book</b>
14.	<b>Design and Analysis of Algorithms</b>	<b>Thakur Publications</b>	<b>978-93-86488-64-0</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>MCA-5<sup>th</sup> PTU</b>
15.	<b>Handbook of SPSS</b>	<b>VSRD Publications</b>	<b>978-93-86258-72-4</b>	<b>1<sup>st</sup></b>		<b>Co-Author</b>	<b>Refereed Book</b>
16.	<b>Advances in Swarm Intelligence for Optimizing Problems in Computer Science</b>	<b>CRC Press</b>	<b>978-11-38482-51-7</b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author (2 Chapters)</b>	<b>Edited Book + Refereed Book</b>
17.	<b>Handbook of Cloud Computing</b>	<b>BPB Publications</b>	<b>978-93-8817-666-8</b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author</b>	<b>Edited Book+ Refereed</b>

						(2 Chapter s)	Book
18.	<b>Green Building Management and Smart Automation</b>	<b>IGI-Global, USB</b>	<b>ISBN13: 9781522597544 ISBN10: 1522597549 EISBN13: 9781522597568 DOI: 10.4018/978-1-5225-9754-4</b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author (1Chapter)</b>	<b>Edited Book + Refereed Book</b>
19.	<b>Instant Approach to Software Testing: Principles, Applications, Techniques and Practices</b>	<b>BPB Publications</b>	<b>978-93-88511-162</b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author (1 Chapter )</b>	<b>Edited Book + Refereed Book</b>
20.	<b>Swarm Intelligence and Evolutionary Algorithms in Healthcare and Drug Development</b>	<b>CRC Press</b>	<b>978-03-67257-57-6 (Hard Copy) 978-04-29289-67-5 DOI: <a href="https://doi.org/10.1201/9780429289675">https://doi.org/10.1201/9780429289675</a></b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author (2 Chapter s)</b>	<b>Edited Book+ Refereed Book</b>
21.	<b>A Roadmap to Industry 4.0: Smart Production, Sharp Business and Sustainable Development</b>	<b>Springer</b>	<b>Hard Cover ISBN 978-3-030-14544-6 eBook ISBN: 978-3-030-14544-6 DOI: <a href="https://doi.org/10.1007/978-3-030-14544-6">https://doi.org/10.1007/978-3-030-14544-6</a></b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author (1 Chapter )</b>	<b>Edited Book + Refereed Book</b>

			Series ISSN: 2522-8714				
22.	<b>Handbook of Research on Emerging Trends and Applications of Machine Learning</b>	<b>IGI-Global, USA</b>	<b>ISBN13: 9781522596431 ISBN10:1522596437 EISBN13: 9781522596455 DOI: 10.4018/978-1-5225-9643-1</b>	<b>1<sup>st</sup></b>		<b>Editor</b>	<b>Edited Book + Refereed Book</b>
23.	<b>Emerging Technologies for Battling COVID-19: Applications and Innovations</b>	<b>Springer</b>	<b>Print ISBN: 978-3-030-60038-9 Online ISBN: 978-3-030-60039-6 Series Online ISSN: 2198-4190 Series Print ISSN: 2198-4182 Doi: <a href="https://doi.org/10.1007/978-3-030-60039-6">https://doi.org/10.1007/978-3-030-60039-6</a></b>	<b>1<sup>st</sup></b>		<b>Editor &amp; Author (2 Chapters)</b>	<b>Edited + Refereed Book</b>
24.	<b>Development and Future of Internet of Drones (IoD): Insights, Trends and Road Ahead</b>	<b>Springer</b>	<b>eBook ISBN 978-3-030-63339-4  Hardcover ISBN 978-3-030-63338-7  Series ISSN 2198-4182</b>	<b>1<sup>st</sup></b>		<b>Editor</b>	<b>Edited + Refereed Book</b>

			DOI 10.1007/978- 3-030-63339- 4				
--	--	--	--	--	--	--	--

### (Books in Progress)

- **Generative Adversarial Networks for Image-to-Image Translation- Elsevier**
- **Emergence of Cyber Physical Systems and IoT in Smart Automation and Robotics- Springer**
- **Comprehensive Guide to Heterogeneous Networks- Elsevier**
- **Futuristic Healthcare Informatics- IET Publishers.**

### (Administrative Experience)

- **Appointed as *Special Observer* in PTU Distance Examinations March 2010 in GGNIMT, Civil Lines Ludhiana. Center Code: 1219105**
- **Appointed as *Technical Panel Expert* in 1-Day Workshop to Design Curriculum of Diploma Programme in Information Technology for Polytechnic Colleges in NITTTR Chandigarh.**

**Syllabus Designed: Cloud Computing, Data Communications, Technical Specifications Writing.**

- **Appointed as *Resource Person (Region-1)* by Computer Society of India for delivering Lectures on Computing Areas- Cloud Computing, IoT, Wireless Sensor Networks, Cyber Security.**

[http://csi-india.org/resource\\_person.aspx](http://csi-india.org/resource_person.aspx)

### (Invited Judge/Guest- College Functions)

- **Invited as Judge at Guru Nanak Khalsa College for Women for “Paper Presentation Competition” at Prof. Gurbir Singh Sarna Memorial on February 20, 2015.**
- **Invited as Judge at Mata Sahib Kaur Girls College for “Power Point Presentation Contest” on April 7, 2016.**

### **Research Organizations/Professional Societies-Membership**

- 1. Senior Member- Professional Membership of Association for Computer Machinery (ACM)- (Membership No: 520633) (Membership Type: Professional Membership-Annual) (Senior Member: 2015 Onwards)  
(ACM DISTINGUISHED SPEAKER- September 2018 Onwards)**
- 2. Life Membership of Computer Society of India (CSI-INDIA), India.  
(Membership No: I1502825) (Membership Type: Life Membership)**
- 3. Distinguished Member of European Alliance for Innovation (EAI).  
(<https://blog.eai-conferences.org/2020/11/11/announcing-eai-distinguished-members-class-of-2020/>)**
- 4. Fellow Member of International Scientific Research Organization for Science, Engineering and Technology (ISROSET, India). (Membership Type: Fellow) (Membership Number: ISROSET-FM-1124)**
- 5. Life Membership of Indian Society for Technical Education (ISTE), India  
(Membership No: 78808) (Membership Type: Life Membership)**

- 6. Life Membership of Punjab Academy of Sciences (PAS), Punjabi University, Patiala. (Membership No: L-1304) (Membership Type: Life Membership)**
- 7. Life Membership of Indian Science Congress Association (ISCA), Kolkata, India. (Membership No: L23993) (Membership Type: Life Membership) (Section: Information and Communication Science & Technology (Including Computer Science))**
- 8. Life Membership of Cryptology Research Society of India (CRSI), India. (Membership No: L/0524) (Membership Type: Life Membership)**
- 9. Life Membership of International Association of Engineers (IAENG), Hong Kong (Membership No: 110841) (Membership Type: Life Membership)**
- 10. Life Membership of International Association of Computer Science & Information Technology (IACSIT), Singapore (Membership No: 80340482) (Membership Type: Life Membership)**
- 11. Life Membership of Indian Academicians and Researchers Association (IARA), India. (Membership No: M/M-148) (Membership Type: Life Membership)**
- 12. Life Membership of All India Association for Educational Research (AIAER), India (Membership No: 3399) (Membership Type: Life Membership)**
- 13. Life Membership of International Society for Development and Sustainability (ISDS), Japan (Membership No: M140445) (Membership Type: Life Membership)**
- 14. Life Membership of Computer Science Teachers Association (CSTA), USA (Membership No: 5200633) (Membership Type: Life Membership)**
- 15. Life Membership of Internet Society (ISOC), USA (Membership No: 62888) (Membership Type: Global Membership)**
- 16. Life Membership of Society of Digital Information and Wireless Communication (SDIWC), Lithuania. (ID No: 2006).**
- 17. Life Membership of Universal Association of Computer and Electronics Engineers (UACEE), India. (Membership No: A7800627) (Membership Type: Life Membership)**

- 18. Life Membership of Universal Association of Arts and Management Professionals (UAAMP), India. (Membership No: AM10100051254) (Membership Type: Life Associate Member)**
- 19. Life Membership of Institute of Research Engineers and Doctors (IRED), India. (Membership No: AM1002693) (Membership Type: Life cum Associate Member)**
- 20. Life Membership of International Association of Engineers and Scientists (IAEST), Singapore. (Membership No: 011084280, Membership Type: Member).**
- 21. Life Membership of Asia-Pacific Chemical, Biological and Environmental Engineering Society (APCBEES), Hong Kong. (Membership No: 200586, Membership Type: Life Membership)**
- 22. Life Membership of Science and Engineering Institute (SCIEI), Hong Kong. (Membership Type: Senior Member, Membership No: 009120120213001)**
- 23. Life Membership of International Economics Development Research Center (IEDRC), Hong Kong. (Membership No: 90080238, Membership Type: Life Membership)**
- 24. Life Membership of Global Educational Research Association (GERA), Phagwara, Punjab, India. (Membership Type: Prospective Member, ID No: 158).**
- 25. Life Membership of International Association for Engineering and Management Education (IAEME), India. (Membership Type: Life Membership).**
- 26. Life Membership of British Science Association.**
- 27. Life Membership of Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (ICST), Belgium.**
- 28. Life Membership of International Association of Online Engineering (IAOE), Vienna, Austria. (Membership ID: 413, Membership Type: Life Membership).**
- 29. Life Membership of Academy and Industry Research Collaboration Center (AIRCC), India. (Membership ID: 128716, Membership Type: Life Membership).**



- 30. Life Membership of i-Xplore International Research Journal Consortium (IRJCJOURNALS.ORG), India. (Membership ID: 12085, Membership Type: Life Membership).**
- 31. Life Membership of International Association of Academicians and Researchers (INAAR), India. (Membership ID: 1017, Membership Type: Life Membership).**
- 32. Life Membership of Research and Educational Society (RESINDIA), India. (Membership ID: RESIJMCS21MEM, Membership Type: Life Membership)**
- 33. Life Membership of Asian Society for Academic Research (ASAR), India. (Membership ID: ASAR20137, Membership Type: Life Membership)**
- 34. Life Membership of International Association of Academicians, Scholars, Scientists & Engineering, India. (IAASSE, Membership Type: Life Membership)**
- 35. Life Membership of International Association for Computerized Adaptive Testing (IACAT, Membership Type: Life Membership).**
- 36. Life Membership of International Society on Multiple Criteria Decision Making (MCDM, Membership Type: Life Membership).**
- 37. Life Time Membership of International Association for Cyber Science and Engineering (IACSE), Hong Kong. (Membership No: 2015ICTAA00306, Membership Type: Life Membership).**
- 38. Life Time Professional Membership of Industrial Engineering and Operations Management (IEOM) Society, India. (Membership No: PN-142-9311). Membership Type: Professional Member**
- 39. Life Membership of Association of European Operational Research Societies (EURO, Membership Type: Life Membership)**
- 40. Life Membership of Institute of Advanced Scientific Research (IASR), U.S.A.**
- 41. Life Membership of Informing Science Institute (ISI).**
- 42. Life Membership of International Association of CPAs, Attorneys and Management (IACAM), Delaware.**
- 43. Life Membership of International Fleet Management Benchmarking Association (IFMBA), USA.**

- 44. Life Time Associate Membership of Institute of Nanotechnology (IoN), U.K.**
- 45. Life Time Membership of International Scientific Academy of Engineering and Technology (ISAET), India.**
  - a. (<http://www.isaet.org/members.php?page=22> )
- 46. Life Membership of Indian Mathematical Society (IMA), University of Pune, India. (Membership Type: Life Membership)**
- 47. Life Membership of International Indian Statistical Association (IISA), India. (Membership Type: Life Membership)**
- 48. Life Membership of Indian Society of Information Theory and its Applications (ISITA), India (Membership Type: Life Membership)**
- 49. Life Membership of International Institution of Science Technology Engineering and Management (IISTEM), India. (Membership No: IISTEM20137)**
- 50. Life Membership of Center for Education Growth and Research (CEGR), India. (Membership No: CEGR/OT)**
- 51. Life Membership of South Asia Institute of Science and Engineering (SAISE), US. (Membership No: 20170129001)**
- 52. Academic Membership of MT Research & Educational Services (MTRES). (Membership No: AM-A0077)**
- 53. Affiliate Membership of International Federation of Automatic Control (IFAC), Austria.**
- 54. Life Membership- Associate Member of International Association of Innovation Professionals (IAOIP)**
- 55. Life Membership- Associate Member of International Association of Outstanding Professionals (IAOP), Florida. (Membership No: IAOP-64781)**
- 56. Annual Membership- Academic Professional Member of Society for Data Science, India. (Membership No: S4DS-APM-2018-00016)**
- 57. Life Membership- Associate Member of Global Leaders Foundation, India.**

## **Teaching Experience**

**Total Experience: (17+ Years)**

**Duy Tan University, Da Nang, Viet Nam**

**Professor, Researcher & Scientist- Graduate School, International School,  
American Development Program (ADP)**

**Jan 26, 2018- Present**

- **Teaching BS, MS, Ph.D. Classes.**
- **Subjects (Graduate-B.S. Classes): Introduction to Networking and Telecommunications, Introduction to Database Systems, Software Process and Quality Management, Software Project Management, Software Measurements and Analysis, Information Warfare, Artificial Intelligence, E-Commerce, Network Security.**
- **Subjects (Masters- M.S. Classes): Network Security, Software Testing, Distributed Systems and Cloud Computing.**
- **Speaker- ASEAN 2018, FICTA 2018, DSC-Hello World.**

- **Conferences- Local Chair- INISCOM 2018, Publicity Chair/Local Secretary- FICTA 2018.**

**KCL Institute of Management and Technology, Jalandhar**

**Assistant Professor & Head- Research and Development Cell**

**August 2011—October 2017**

- **Teaching BCA, BBA, BCom, MBA, MCA classes.**
- **Subjects: Computer/IT Fundamentals, IT Fundamentals (Lab), Management Information Systems, Software Engineering, Artificial Intelligence, System Simulation, Human Values and Professional Ethics (HVPE), System Analysis and Design (SAD), Operating System, Operating System LAB, Java Lab, Information Management Lab, Data Mining and Data Warehousing, Advanced Operating System (AOS), Advanced Operating System Lab, Computer Graphics Lab, Embedded Systems, Embedded Systems-LAB, Network Security and Administration, Information Security, Programming in C, Systems Administration.**
- **Research and Development Cell - Head and Coordinator**
- **Organized IT Quiz 6 Times for students of IT Department as Event Coordinator and “*Quiz Master*”**
- **Part of Organizing cum Advisory Committee of HR Summit 2012 Future of Strategic HR: Challenges and Opportunities Ahead.**

- Part of Event Coordination-Tech-Radiance 2015, 2016,2017 – Cyber Quiz, Typing Test and Lan Gaming.
- Part of Event Coordination/Discipline Committee -Symphonic 2014, 2015, 2016, 2017 – Cyber Quiz, Typing Speed Test.
- Co-Coordinator: 7 Days FDP on Emerging Trends & Challenges in Management and IT Education.
- Delivered 100% Results from last 8 Years of Service in MCA, BCA, MBA, BBA, B.Com. PTU University Examinations.

**K.L.S.D College & Arya College, Ludhiana**

**Assistant Professor**

**June 2009-June 2011**

- Teaching BCA, PGDCA, BBA, MSC (IT).
- Subjects: Data Structures, Networking, DBMS, Management Information System (MIS), FIT, Algorithm Analysis & Design (ADA), Linux Administration.
- Involved as Project Guide for B.C.A., PGDCA and M.Sc. (IT) Students.
- Worked as Deputy Superintendent/Assistant Superintendent in House Examinations & Punjab University Final Examinations 2009-10, 2010-11 Batches.

**Pace Computers Ltd., Ludhiana**

**Centre Manager**

**July 2008-June 2009**

- Teaching Hardware, MCSE, RHCE, CCNA, Web Development.

- Completely involved as Systems Administrator in Maintaining and Troubleshooting Labs Environments.
- Implemented Windows 2003 server for Students Rights and Policy management.
- Involved in 6Weeks/6Months Industrial Training of Networking, Database, .net and Live Projects Management and Deployment.

**IDS Infotech Ltd, Mohali**

**Systems Administrator cum Network Trainee**

**Jan 2008- July 2008**

- Desktop Technical Support on Windows 2003/2008/XP.
- Troubleshooting & Configuring CISCO Router 2600 and CISCO PIX 515e.
- Red Hat Enterprise Linux 4/5.2 Troubleshooting cum Server Administration.
- Windows 2003 Systems Administration cum Web Administrator on IIS & APACHE Web Server Administration.
- Full Implementation of VPN (SITE TO SITE AND REMOTE ACCESS) Server.

***PROJECTS***

***Networking/Data Communication Project***

**Company:** IDS Infotech Ltd, C-138 Phase VIII, Mohali

**Project Name:** Virtual Private Networking (VPN)

**Description:** Replaced Leased Line Technology with Virtual Private Networking (VPN) Infrastructure facilitating Site-To-Site and Remote Access VPN

**Technologies:** Cisco PIX 515E Firewall, Cisco Router 2600 Series, Windows 2003 Server Enterprise Edition and Cyberoam VPN Client

***Software Development Project***

**Company:** NIIT Technologies, Mall Road, Ludhiana

**Project Name:** Hotel Administration System  
**Description:** Complete Software implementing Hotel Billing, Administration and Management  
**Technologies:** Microsoft VB.net 2005, SQL Server 2008, .net Framework 3.5

### Information Systems Project

**Company:** Lipika Infotech. Pvt. Ltd.  
**Project Name:** Application of Project Management Techniques in Sales & Inventory Management System  
**Description:** Development of Complete Project Management System for Managing Sales and Inventory in an Organization  
**Technologies:** Microsoft VB.Net 2005, MS-Access 2010, .net Framework 3.5

## References

### Reference: 1

**Name:** Dr. Anand Paul  
**Designation:** Associate Professor, School of Computer Science and Engineering  
**Organization:** Kyungpook National University, South Korea  
**Address:** #411-2, IT Building # 4, The School of Computer Science and Engineering, Kyungpook National University, 80, Dae-Hak ro, Buk-gu, Daegu 702-701, South Korea.  
**Contact No:** +82-10-7930-9696  
**E-mail :** [paul.editor@gmail.com](mailto:paul.editor@gmail.com)

### Reference : 2

**Name :** Dr. (Prof.) Chuan Ming Liu

**Designation :** Professor, Department of Computer Science and Information Engineering  
**Organization :** National Taipei University of Technology (Taipei Tech), Taiwan  
**Address :** Room No :1530, Technology Building, National Taipei University of Technology, Taiwan  
**Contact No :** +886 982 201 689  
**Email :** [cmliu@csie.ntut.edu.tw](mailto:cmliu@csie.ntut.edu.tw)

## **PERSONAL INFORMATION**

**Name :** Dr. Anand Nayyar  
**Father's Name :** Sh. Sunil Kumar Nayyar  
**Date of Birth :** 10<sup>th</sup> July, 1984  
**Sex :** Male  
**Marital Status :** Single  
**Nationality :** Indian  
**Language :** English, Hindi, Punjabi, Vietnamese  
**Mobile No :** +91-09878327635 (WhatsApp); +84-0933622812  
**Driving License :** OLA: PB-10 No: PB-1020100011514; 1546035574  
**Passport No :** H7156660 (Old); T3893697 (New)  
**Pan Card No :** AHKPN6607P

***Declaration:*** I hereby declare that all the information that I have given here is true according to the attested testimonials. If given a chance to me, I will put in my best efforts to prove myself worthy in the eyes of my employers.

**Date:**

**Place: Da Nang, Vietnam**



**Signature**