

CURRICULUM VITAE



Name : **Dr. Sanjay Pachauri**
Date of Birth : 11th Jan. 1971
Father's Name : Late. Er. S.C.Pachauri
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Academic Qualification

- **Ph.D.** (Computer Science & engineering) From JJT University, Jhunjhunu, Rajasthan. (January, 2013) on the topic: **Network Intrusion Detection system Based on Protocol Behaviour** in Ist Div (With 69.8%).
- **MBA (IT)** from Sikkim Manipal University (2009) in 1st div.
- **M.Tech.** (Computer Sc. & Engineering) from A.A.I. Deemed University (2007), Allahabad. In I Div (With 78.8%).
- **M.Sc. (Computer Science)** from Maharishi Dayanand University, Rohtak (2004) in I Div.
- **APGDCA** from Maharishi Dayanand University, Rohtak (2003) in I Div.
- **PGDITM** from AIMA-CME New Delhi (1997) in I Div (With 71.25%).
- **B.Sc. (P.C.M.)** from Agra University, Agra (1991) in I Div (With 61.4%).

Other Certifications and Diploma's

- Advance level Innovation Ambassador from IIC Council of MOE
- Fortinet's Network Security Expert NSE-1 Network Security Associate Nov 2020. 
- Fortinet's Network Security Expert NSE-2 Network Security Associate Dec 2020. 
- Certificate from Session Chair for the Global Emerging Innovation Summit 2021 from Lovely Professional University, Punjab
- Certificate for Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mode.
- Cloud Computing, Virtualization, & Resiliency, (SKILLSOFT 4AB065E9-9A13-11E7-981C-E6485196E111), Dec 2020.
- Microsoft Certified System Engineer 2003.

- Microsoft Certified System Administrator.
- Microsoft Certified System Administrator on Microsoft Windows Server 2003.
- Microsoft Certified Professional.

Research Guidance:

- Ph.D. Degree Awarded from Himalayan University for (03) Scholar
- Ph.D. Degree Awarded from Sunrise University Alwar for (04) Scholars
- Guiding Six (05) scholars for Ph.D.

Experience

University/Intitute	Post/Disignation	Duration
Mangalmay Institute of Engineering and Technology, G.Noida	Professor and Head of CSE	26 Sept 2022 till date
IIMT College of Engineering, Knowledge Park-III, G.Noida	Professor of CSE and Dean Research and Development	19 Jan 2020 to 7 Sept 2022
IIMT College of Engineering, Knowledge Park-III, G.Noida	Professor and Dy. Director, College of Engineering	11 Jan 2020 to 18 Dec 2020
IIMT College of Engineering, Knowledge Park-III, G.Noida	Professor & Dean Academics, College of Engineering	05-Aug, 2019 to 10 Jan 2020
IIMT College of Engineering, Knowledge Park-III, G.Noida	Professor and HOD (Department of CSE) & Chief Proctor of IIMT College of Engineering	10 Aug, 2016 to 05 Aug, 2019
IMS Unison University, Dehradun	Associate Professor and Dean School of Computer Applications	Apr 2013 to June 2013(IMS Dehradun) July 2016
Excel Institute of Management and Technology, Mathura	Head of the Department B.Tech(CS/IT)	Aug 2010 to Apr.2013
BLS Institute of Technology and Management, Ghaziabad	Head of the Department, Department of Computer Science	Jan 2005 to Jan 2010
Rajiv Academy for Technology and Management, Mathura	Senior Lecture, Department of Computer Science	Dec 2000 to Dec 2004
Indian Institute of Management and Technology, Agra	Lecture, Department of Computer Science	July 1998 to Nov 2000

Thesis Evaluation/Session Chaired

- **01 Ph.D.** Thesis evaluated for a research Scholar (Computer Science) for Magadh University, Bodh-Gaya, Bihar (A central university).
- Member of Ph.D. viva expert panel in the department of computer science for Magadh University, Bodh-Gaya, Bihar(A Central University).
- **01 viva for Ph D** (Computer Science) conducted in Magadh University, Bodh-Gaya(A central University) and Sunrise University, Alwar.

- **O5 viva for Ph D** (Computer Science) conducted in Sunrise University, Alwar.
- Chaired the technical session-II in the National Conference on “Innovation in Computer Science & Emerging Technologies (ICSET 2014)” on June 27-28, 2014 at IMS-unison university, Dehradun.
- Chaired a technical session-in the National Conference on “Innovation in Computer Science & Emerging Technologies (ICSET 2017)” on March 27-28, 2017 at Technia Institute of Management and Technology, New Delhi.

International/National Patents

- An Automatic water quality monitoring system (Application No. 202011002131), 2020
- Design of cross-layer routing protocol for multimedia transfer over wireless networks (Application No. 202111013040), March 2021.

Publications

2021

- Published a paper in **Scopus indexed journal** of March 2021 IJSDR, Volume 6, Issue 3 ISSN: 2455-2631 on the topic, “An Investigation of Smart Traffic System Optimization through IoT-based Simulation in MATLAB” Dr. Sanjay Pachauri, and Sakshi Kathuria.

2018 International Journals/Conferences

- Published a paper in “International Conference on Research and Innovation Trends” on the topic, Review: Secure Routing Protocols for Mobile Ad-Hoc Network By Dr. Sanjay Pachauri, Mahendra Prasad Sharma and Prof. (Dr.) D.K Chauhan.
- Published a paper in “ International Journal of Innovations in Engineering and Technology” (IJIET), ISSN: 2319 – 1058, Impact Factor - 0.672, **Thomson Reuters Researcher ID indexed Journal Researcher ID: D-6658-2018**, ISO CERTIFIED on the topic, “Encryption Based Authenticated Routing Protocol for Ad-Hoc Network” July 2018 By Dr. Sanjay Pachauri, Mahendra Prasad Sharma and Prof. (Dr.) D.K Chauhan.



2017 (International Journals)

- Published a paper in **Scopus indexed journal** of International Journal of Pure and Applied Mathematics ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version) Volume 117 No. 21 2017, 243-255 on the topic, “Being a Smart Sapien with Information Centric Networking and Cloud Computing” Dr. Sanjay Pachauri, Suresh Kumar Mandala and Mahipal Reddy Pulyala

URL: <http://acadpubl.eu/jsi/2017-117-20-22/articles/21/27.pdf>

- Published a paper in International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 6 Issue 1 Jan. 2017, Page No. 20011-20016 Index Copernicus Value (2015): 58.10, DOI: 10.18535/ijecs/v6i1.31 on the topic, Usage of Data Mining Techniques for combating cyber security” Farhad Alam & Dr. Sanjay Pachauri
URL: <http://ijecs.in/issue/v6-i1/31%20ijecs.pdf>
- Published a paper in International Journal Of Engineering Science and Computing ISSN: 2321-3361 Volume 7 Issue 10 October 2017, Page No. 15278 – 15281 Publication Impact Factor 50611 on the topic, Leveraging DMM for an Effective Cyber-Security A Conceptual Study” by Farhad Alam & Dr. Sanjay Pachauri
URL: <http://ijesc.org/articles-in-press.php?msg=1&page=article>
- Published a paper in **Scopus indexed journal**, Journal of Advanced Research in Dynamical and Control Systems ISSN: 1943-023X Volume 9. SP- 18/2017, on the topic, PERFORMANCE EVALUATION OF MULTI STAGE ATTACKS PREDICTION” by Suresh Kumar Mandala, Sanjay Pachauri
- Published a paper in **Scopus indexed journal**, Journal of Advanced Research in Dynamical and Control Systems ISSN: 1943-023X Volume 9. SP- 18/2017, on the topic, “EXPERIMENTAL EVALUATION OF ASSOCIATION RULE IN APRIORI AND ANT COLONY OPTIMIZATION” by Mahipal Reddy Pulyala, Sanjay Pachauri

2016 (International Journals)

- Published a paper in **Scopus indexed journal** of International Journal of Engineering Research & Management Technology ISSN: 2348-4039 November- 2016 Volume 3, Issue 6, Page No. 45-51 on the topic, Solution Of Tsp With Simulated Annealing Of Mann” Kamlesh Pathak & Dr. Sanjay Pachauri
URL: <http://www.ijermt.org/archive.php?viewId=25>
- Published a paper in **Scopus indexed journal** of Airo International Research Journal Volume VII, ISSN: 2320-3714 March- 2016 Volume VII, on the topic, Analytical Study For Intrusion Detection System To Detect Cyber Attack by Dr. Sanjay Pachauri & Suresh Kumar Mandala
URL: http://www.airo.co.in/internationalvol_search.php?volume=7
- Published a paper in International Journal of Advances in Arts, Sciences and Engineering(ijoaase.com) Volume 4 Issue 9,Sep 2016, ISSN. 2320-6144 (Online) on the topic, A Reviewed Study On Financial Cyber Crime And Frauds by Dr. Sanjay Pachauri & Suresh Kumar Mandala
URL: <http://www.ijoaase.com/volume-4-issue-9/>

2015 (International Journals)

- Published a paper in IJAPRR International Peer Reviewed Refereed Journal, on the topic, “Environmental and Green Cloud Computing”, Aruna Singh and **Dr. Sanjay Pachauri**, **Impact Factor: 1.018**, Volume. II, Issue V, p.n. 20-28, 2015,, ISSN: 2350-1294
URL: http://ijaprr.com/vol2i5/73_ijaprr-vol2-5-20-28sanjay.pdf

2014(International Journals)

- Published a paper in International Journal of Innovations and Advancement in Computer Science (IJIACS), on the topic, “Cloud-computing: Challenges, Security and Solutions Using, SaaS”, **Dr. Sanjay Pachauri**, Dr. Rajeev Srivastava, Dr. Udai Bhan Trivedi, **Impact Factor: 1.96**, indexed in diif.org, Volume 3, Issue 5, July 2014, ISSN: 2347-8616,PP 1-10,
URL: <http://www.academicscience.co.in/admin/resources/project/paper/f201408041407164297.pdf>
- Published a paper in International Journal of Latest Technology in Engineering, Management & Applied Science, (**A Unit of International Standards Publication, TMA,Victoria, Australia**), on the topic, “Cloud Computing with Dynamic Auditing Protocol”, Paper ID IJ7S071, **Dr. Sanjay Pachauri**, Dr. Udai Bhan Trivedi, **Impact Factor: 1.356**, Volume III Issue VII, July 2014, ISSN 2278-2540, PP. 124-128, URL: <http://www.ijltemas.in/digital-library/volume-iii-issue-vii>

(Conferences)

- Published a paper in DCAS Journal of Management and IT Applications, A Bi Annual Journal by Delhi College of Advanced Studies an ISO Certified Institute, **ISO-9001: 2008**, Affiliated by GGSIP University, Delhi, on the topic, “A Novel Algorithm for Multi Objective Evolution, **Dr. Sanjay Pachauri**, Dr. Rajeev Srivastava, Volume IV No. 1, ISSN 2277-9728, PP. 38-48.
- Presented a research paper in the national conference on “Innovation in Computer Science & Emerging Technologies (ICSET 2014)” on June 27-28, 2014 on the topic Project Loon in Disaster at IMS-unison University, Dehradun.

2013 (Conferences)

- Published a paper in Bi annual Pragyaan journal of Information technology Dec 2013 issue, on the topic, “ Sensor Network for Disaster Management”, **Dr. Sanjay Pachauri**, Satyajee Srivastava, Volume 11, Issue 2,Dec 2013, PP. 1-9, ISSN 0974-5513, URL <http://iuu.ac/download-pdf/PragyaanITDec13.pdf>
- Published a paper in Bi annual Pragyaan journal of Information technology Dec 2013 issue, on the topic, “ Mobile Cloud Computing: Taking Web based Mobile Application to the Cloud”, Mohd. Abdul Salam, Avinash Chandra Pandey, **Dr. Sanjay Pachauri** Volume 11, Issue 2,Dec 2013, pp 14-20, ISSN 0974-5513,
URL <http://iuu.ac/download-pdf/PragyaanITDec13.pdf>

- Published a paper in Bi annual Pragmaan journal of Information technology Dec 2013 issue, on the topic, “ Performance Tuning of Database Management System by Fuzzy Controlled Architecture”, Mazher Hussain, Avinash Chandra Pandey, **Dr. Sanjay Pachauri**, Volume 11, Issue 2, Dec 2013 pp 1-9, ISSN 0974-5513,
URL <http://iuu.ac/download-pdf/PragmaanITDec13.pdf>
- Presented a research paper in the national seminar 2013 on “Innovation in ICT: Implications for Business Organizations” on 19-20-July, 2013 at IMS-unison university, Dehradun on the topic “Sensor Networks for Disaster Management”.

2012 (International Journals)

- Published a paper in International Journal of Advanced and innovative Research, Nov 2012, on the topic: “Secure Computation Of Face Recognition Based On Cryptography” **Sanjay Pachauri**, Dr. D. K. Pandey, (A High Confidence System) (IJAIR) volume.1, issue 6, pp 155-161, ISSN: 2278-7844,
URL: <http://ijair.jctjournals.com/Nov2012.html>, **Impact Factor 0.349**
- Published a paper in International Transactions in Applied Sciences July-Sept 2012, on the topic Network security : Challenges and Issues in organizations, Dr. D.K.Pandey, **Sanjay Pachauri** Vol 4, No. 3, pp 521-534, ISSN(Printing) 0974-7273, (Online) 0975-3761 URL: <http://www.aacsjournals.com/>

(Conferences)

- Presented a research paper in the National Conference 2012 on “Emerging trends in Electronics, Computer science and Information Technology” on 14-15 April 2012 at Advanced Institute of Technology, Palwal, Haryana on the topic An Overview of the Next Generation Network Services.
- Presented a research paper in the International Conference 2012 on “Emerging trends in Computer science and Information Technology” on 09-10 April 2012 at JJT University, Jhunjhunu, Rajasthan on the topic “An Intrusion Detection System using Distributed Agents” (IDSUDA).
- Presented a research paper in the International Conference 2012 on “Renewable energy recourses on 14th and 15th March 2012 at JJT University, Jhunjhunu, Rajasthan on the topic “MAC Layer Impact on the performance of routing protocols in Mobile Ad-hoc networks.

2010 (Conferences)

- Presented a research paper in the National Conference (Contemporary and Futuristic trends in Computer Science & Engineering) at Advanced Institute of Technology & Management, Palwal, Haryana on the topic “A Peer-TO-Peer Overlay Network For Real Time Video Communication Using Multiple Paths” on 27th and 28th Nov. 2010.

- Presented a research paper in 2nd International Conference “SRIJAN 10” on “The Action and Future of Web Mining” on dated 8th may 2010 at Maharaja Agrasen Institute of Management, Jagadhari, Haryana.
- Presented a research paper in the National Conference (Information Management in knowledge Economy) at University School of Management Studies, GGSIP University, N.Delhi) “A Straightforward Approach for Detecting offensive Routers” on 20th March. 2010.
- Presented a research paper in National Conference 2010 (AICTE Sponsored) on “Information Integrity Supply Chain Management” on 19th and 20th March 2010 at Wadia Institute of Himalaya Geology, Dehradun.

Seminars /Conferences

- Participated in two days national workshop in LATEX [the language of scientific writing LATEX2012] by Hindustan Institute of Technology and Management, Agra on 17-18-March-2012
- Attended one day workshop on “How To Tech C: Fundamentals and Advances of C” by Prof. Ajay Mittal at Hindustan College of Science and technology, Farah, Mathura on date 22-Oct.-2010
- Participated in National Conference on “Financial Sector Reforms in India- the Roadmap Ahead” held on 23rd and 24th April 2010 at BLS Institute of Management, Ghaziabad.
- Participated in National Conference on “Rural Marketing (NCRM 2010)” held on 16th and 17th April 2010 at BLS Institute of Management, Ghaziabad.
- Attended one day National Conference on “Information Management on Knowledge Economy” by GGSIP University on 20th March 2010.
- Attended one day “Industry Integrated Train and trainer program” in IT-Retail by Future Group in 29th June 2007.
- Attended one day seminar on “Network Security and Ethical Hacking” by Ankit Fadia at Bharti Vidyapeeth on 16th Feb 2005.
- Participated in the National Seminar on “ ERP: A Platform for Building Efficient Capabilities” at BLS Institute of Management on 24th Feb-2007

FDP/WORKSHOPS

- Participated and Attended 7 Days Faculty Development Programme on “Digital System Design” by NITTR in IIMT college of Engineering, Greater Noida, during 20-24 Jan, 2020.
- Participated and Attended 7 Days Faculty Development Programme on “Outcome Based Quality Education And Accreditation” in IIMT college of Pharmacy, Greater Noida, during 10 – 14 Dec. 2018.

- Participated and Attended 3 Days workshop on “Application Development Program” in IIMT college of Engineering, Greater Noida, ” during 08-10 January 2018.
- Participated and Attended 1 weeks FDP program, on OOPs and JAVA in IIMT college of Engineering, Greater Noida, ” during 12-17 December 2016.
- Participated and Attended 2 weeks FDP program, AICTE sponsored in IMS, Dehradun on “ Research methods and data Analysis Tools” during 17-29 June, 2013.

MEMBERSHIP

- Member Computer Society of India, Membership No. F8001463, Valid till Apr 2020.
- Member of International Association of Computer Science and Information Technology (IACSIT), 9 Jurong Town Hall Road iHUB, Singapore 609431, Membership NO.: 80350435.
- Member of International Association of Engineers (IAENG), Unit 1, 1/F, 37-39 Hung To Road, Hong Kong, Membership No. 153056.
- Senior Member of Universal association of computer and electronics engineers (UACEE), 42 Broadway, Suite 12-217, New York, NY 10004, USA, Membership No. SNM1010003189.
- Member of International Journal of Computer Trends and Technology, Seventh Sense Research Group™ Lafayette State, Louisiana, USA., Membership No. SSRGJ-IJCTT-1209.

Member Editorial Board/Reviewer

NAME OF THE JOURNAL	ISSN No.	IF	URL
International Journal of Innovative and Applied Research (IJIAR)	2348-0319	0.739	http://journalijiar.com/editorial-board/
International Journal of Research in Cloud Engineering, Management and Allied Science	2394-5036		http://ijrcemas.com/editorial-board/
International Journal of Latest Technology in Engineering, Management & Applied Science	2278-2540	1.356	http://www.ijltemas.in/international-advisory-board
International Journal of Research in Engineering & Technology	(Print) : 2347-4599 (Online):2321-8843	1.5548	http://impactjournals.us/journals.php?type=2&id=77#
International Journal of Scientific and Engineering Research (IJSER)	2229-5518	1.4	http://www.ijser.org/editorial-board_page8.aspx
International Journal of Information Technology and Computer Sciences Perspectives	(Print) 2319-9016 (Online) 2319-9024	IF-2013: 5.058	http://pezzottaitejournals.net/pezzottaite/Editorial_Board_of_%20IJITCSP.php
Academic Journals Online	2348-1976		http://www.academicjournalonline.org/dashboard/editorial_computerscience
International Journal of Allied Practice,	2350-1294		http://ijaprr.com/editorial_bord.html

Research and Review			
International Journal of Research Studies in Science, Engineering and Technology	(Print) 2349-4751 (Online) 2349-476X		http://www.ijrsset.org/editorial_board.php
Academic Science Indexed & Impact Factor Journals	2347-8616, 2347-8527, 2348-117X		
International Journal of Information Security	2356-5845		http://www.ijnngt.org/Board.php
International Journal of advancement in engineering technology, Management & Applied Sciences	2349-3224		http://ijaetmas.com/editorial-board/
International Journal of Computer Science and Artificial Intelligence(IJCSAI)	(Print) 2226-4450 (Online) 2226-4469		http://www.jcsai.org
Asian Journal of Educational Research and Technology (AJERT)	2249-7374		http://www.tspmt.com/editorial-board.html
International Journal of Advances in Engineering & Scientific Research			http://arseam.com/editorial-board/158
International Journal of Computer Science and Mobile Computing	2320-088X	ISRA 2.417, IIFS 20136, UIFacor 1.0148, SJIF 2.8, DOS 9.65, DRJI 5.96	http://www.ijcsmc.com/editorial_board
International Journal of Research in Information Technology (IJRIT)	2001-5569	ISRAJIF: 1.738, IIFS: 1.443	http://www.ijrit.com/editorial-board
International Journal of Soft Computing and Engineering (IJSCE) and all BEI-ESP Associated Journals	2231-2307		http://www.blueeyesintelligence.org/committee.php
International Journal of Computer Trends and Technology	2231-2803, 2349-0829	2.517	http://www.ijcttjournal.org/board-members
International Journal of Computer and Communication System Engineering IJCCSE	2312-7694		http://www.ijccse.org/editorialBoard.php
Euro Asia Research and Development Association, EARDA	2249-3905, 2349-6525	5.981	http://www.euroasiapub.org/editorial-board.php

BRAND & CAMPUS AMBESDOR

- Committee Member of International Conference on Recent Trends in Science, Engineering and Technology (ICRTSET) at Chennai on February 8Th 2015, By Academicians Research Center (ARC Journals).

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

- Designated as ICMRP Campus Ambassadors for International Conference on Multidisciplinary Research & Practice (ICMRP-2014) on 30th November 2014 at Ahmedabad

Management Association, ATIRA Campus, IIM-A Road, Ahmedabad, Gujarat, India organized by **Research and Scientific Innovation Society** Australia | Thailand | India.

URL: http://rsisinternational.org/ICMRP_Campus_Ambassador.html

Administrative Responsibilities Performed.

- Working as Single point of contact for DCS-CSED program in IIMT College of Engineering.
- Worked as Chief Proctor of IIMT College of Engineering Since 2016-2018.
- Worked as Editor For PRAGYAAN Journal of Information and technology from August 2013 in IMS Unison University, Dehradun.
- Member of Disciplinary Committee from August 2013 in IMS Unison University, Dehradun.
- Member of RDC in School of Management, IMS-Unison University, Dehradun as expert from other department.
- Member of Academic council in IMS-unison University, Dehradun.
- Member of board of studied in IMS-unison University, Dehradun.
- Program Coordinator for MCA Program.
- Appointed as Practical Examiner for conducting practical exam / viva-voce / paper setter for several courses by Dr. B.R.Ambedker University, Agra, C C S University, Meerut, and Amity University, Noida.
- Worked as officiating Director for one Year from July 2002 to Aug. 2003 at Rajeev Academy for Technology and Management, Mathura
- Got the letter of appreciation from the chairman of the Institute for best workings & services in 2006.

Subject Taught in last 3 Years:

S.No.	Subject Taught	Course	Session
1.	Computer Organization and Architecture	B.Tech (CSE) 2 nd Year	2021-2022
2.	Computer Organization and Architecture	B.Tech (CSE) 2 nd Year	2020-2021
3.	Computer Networks	B.Tech (CSE) 3 rd Year	2019-2020
4.	Cloud Computing	B.Tech 4 th Year	2018-2019

Date :

Place:

(Dr. Sanjay Pachauri)