

Prof. Satyendra Kumar Sharma

B.E. M.Tech. Ph.D. M.B.A. Ph.D.



Principal/Director Modern Institute of Technology & Research Centre Alwar (Raj)
Mobile: +91-9352118885, 9413106854(O) **PAN No. AOOPS4690A, ADHAR NO. 5439 9505 8372**
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Dedicated to Creating a Positive Learning Environment and Making a Difference in Students' Lives

Job Objective

Dedicated, resourceful and innovative Educationalist offering an impressive **experience of over two decades with renowned Engineering Colleges**. Seeking challenging assignments across reputed Education Institutions and be involved in implementing new systems and improving existing process by utilizing vast experience in Education Sector. Looking forward to be a part of an organizational structure that pursues excellence and offers solutions and aims to improve the quality of life and services to the wider community

Profile

Academically enriched Educationist with rich academic and administrative experience; **offering an illustrious career spanning 25+ years in various reputed Engineering Colleges**. Accomplished trainer and a mentor with sound track record of creative scholastic achievements. Expert in planning, organizing, coordinating and monitoring all types of curricular and co-curricular activities for the overall development personality of students and management of the institution. Distinction of having starting new engineering colleges namely, **MIT Engineering College, Bulandshar** and **Techno India NJR India Institute Of Technology, Udaipur; Instrumental in accreditation of Gyan vihar school of Engineering & Technology, Jaipur for three departments, namely, Electronics & Communication, Mechanical Engineering and Computer Science And Engineering, Pacific Institute of Engineering, Udaipur**. Superior record of promoting the welfare of the institution by enhancing staff efficiency and productivity through efficient administration, effective motivation, guidance and incentives

Career Highlights

- Hands on experience in handling the entire gamut of functions related to managing institution, maintaining the infrastructure and effectively managing the administrative functions to ensure seamless operations.
- Set the academic tone, hire, evaluate, and help improve the skills of teaching and non teaching staff members.
- Supervise Facilities Management operations with accountability of developing/ negotiating with vendors for obtaining timely procurement of requisite items at favorable terms

- Effectively managed the Residential facility for students demonstrating a caring and empathetic attitude and carried out supervisory responsibilities in accordance with the institute policies, procedures and applicable laws while staying at the campus
- Visit classrooms, observe teaching methods, review instructional objectives, and examine learning materials.
- Manage & direct teachers, office staff and support staff, providing guidance on the goals of achieving excellence in academics, extra-curricular activities as well as holistic development of students.
- Prepare reports on various subjects, including attendance, and oversee the requisition and allocation of supplies.
- Plan for the upcoming year, participating in workshops/seminars/conferences for faculty members and administrators and working to be sure the has adequate staff for the institution years.
- Determine training needs and conducting programs to enhance efficiency in Personality
- Evaluate the effectiveness of training programs by developing pre/post assessment programmes
- Drawing to the attention of the appropriate authorities, via the committees of faculty members for different task of institute, any repair or maintenance work required at the institute which is beyond the caretaking staff. Carry out minor or temporary repairs as directed. Directing workmen or contractors to the location of repair and maintenance work.
- Collaborate with lecturers on lesson plans and performed administrative tasks viz. recording attendance, managing student portfolios and providing individual assistance to the students.
- Actively work with faculty to develop and maintain high curriculum standards, develop mission statements, and set performance goals and objectives of the institute.

Career Snapshot

Director/Principal

Modern Institute of Technology Research Centre Alwar (Raj)	17th Feb. 2020 ---- till date
Modern Institute of Technology Research Centre Alwar (Raj)	6th Sept, 2016 21st Jan. 2020
Pacific Institute of Engineering, Udaipur Director/ Dean Faculty of Engineering Pacific University, Udaipur (Raj)	July 2010 30th Aug. 2016
TECHNO INDIA NJR INDIA INSTITUTE OF TECHNOLOGY, UDAIPUR Professor cum Vice-Principal	August 2008-July 2010
GYAN VIHAR SCHOOL OF ENGINEERING & TECHNOLOGY, JAIPUR Head of Department – Electronics and Communication Engg.	Apr 2007 – Aug 2008
NIMT, KOTHPUTLI, JAIPUR Dean	June 2004 - March 2007
MIT ENGINEERING COLLEGE, BULANDSHAR Principal/Director	July 1999 – May 2004
Marathwada Institute of Technology, AURANGABAD Sr. Faculty & HOD– Electronics & Computer Engineering Department	March 1994 – Jun 1999
Marathwada Institute of Technology, AURANGABAD Lecturer - Electronics & Computer Engineering Department	Jun 1990 – July 1991

Academic and Professional Credentials

Ph.D. – (CS & IT) J R N Rajasthan Vidyapeeth (Deemed) University Udaipur(Raj) Feb. 2015

M.B.A (IT) Sikkim Manipal University 2013

Ph.D. - Operational Research awarded in 2011
C.C.S. University, Meerut (U.P.)

Master of Technology - Computer Science & Technology 1993
Roorkee University, Roorkee (U.P.)

Bachelor of Engineering – Electronics Engg. 1990
Marathwada University, Aurangabad (M.S.)

Bachelor of Science 1985
Meerut University (U.P.)

Personal Details

Address : Flat No. 113, Tower -3, Shalimar Extn. Alwar (Raj.) pin 301001
Date of Birth : 01st July 1968
Passport No : A8683997 valid till April 2020
Aadhaar Number : **543995058372**
Pan Card Number : **AOOPS4690A**
Languages Known : English and Hindi

References & Supporting Documents Available upon Request

1. Prof.B.K. Sharma, Dean, Faculty of Engineering, Poornima University, Jaipur
 2. Dr. Rajveer Singh Shekhawat, Dean, Faculty of Computer Science, Manipal University, Jaipur
 3. Dr.Anoop Srivastav, Principal, R.R. College, Alwar
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5 Scholars have completed their research under my guidance and have been awarded Ph.D. degree

List of Research Papers Publications/Presented

- (1) Research paper entitled "A new approach to solve transportation problem" was presented at 1st Rashtreeya Yuva Vaigyanic Sammeian at NIT Kurukshetra on 28-30 Nov'2008.
- (2) Research paper entitled "A new approach to solve algorithm Problem " was presented at National conference on advanced Communication technologies & application at Electronics &

Communication engineering department Geetangli institute of Technical studies, Dabok Udaipur (Rajasthan) on 13-14 May '2009.

- (3) Research paper entitled "A Non probabilistic prospective and retrospective human reliability Analysis method application to Railway System " was presented at the Institution of Engineering all the India seminar on ICT for rural Development access and application" at Udaipur on 12-12 Sept'2009.
- (4) Research Paper entitled "A new Approach to solve an assignment Problem" in accepted for application in Acta Cincia Indica.
- (5) A certificate course in MOUDULE I (Programming& programming Method) Organized by the Cosrow Wadia Institute of Engineering of Technology Pune in collaboration with Deptt. Of Electronics Govt. of India from 4/7/1991 to 10/8/1991.
- (6) International Conference held at Pacific University, Udaipur a Research Paper presented "Profit, Public Safty and E-Governance" on April 13-14 '2012 at "contemporary Innovative practices in management" at Pacific Academy of Higher education & Research University at Udaipur.
- (7) Participated in one day workshop on "TELECOMMUNICATION AND INFORMATION TECHNOLOGY " held on 21st Dec'2007 organized by FALCON ELECTRO-TAK PVT LTD Mumbai at Gyan Vihar School of Engg. Jaipur.
- (8) One day work Shop "Tanner Tools- A Completed VLSI Design System' by Integrated micro system at Banasthali Vidyapith Jaipur (Rajasthan) on 23 Dec.2007.
- (9) Two day work shop on "Design & Fabrication of microwave integrated circuit And R.F. Software PUFF 7 Service by the expert CARE IIT Delhi (7 Feb to 8 Feb.2009) at Geetangali Institute of Engineering, Udaipur.

- (10) A National Work Shop on VLSI & FPGA Attended (two days) by APPIN KNOWLEGDE SOLUTION at Suresh Gyan Vihar University Jaipur by Deptt. Of Electronics & Communication Engineering 31st march to 1st April 2010.
- (11) Five Day course on workshop on networking Conducted by Government of India Centre Electronic Test of Engineering STQC Directorate Department of Information Technology Ministry of Communication & Information Technology phase II Gearter Noida conducted from 5th January 2004 to 9th January' 2004.
- (12) Paper Presented in International Conference on Contemporary innovative practices in Management on April 13-14, 2011 on the topic " Issues and impact in Green Marketing" at Pacific Academy of Higher Education & Research University, Udaipur.
- (13) Paper Presented in International Conference on Contemporary innovative practices in Management on April 13-14, 2011 on the topic "Potential of e-learning in India education system" at Pacific Academy of Higher Education & Research University Udaipur.
- (14) Paper Presented in International Conference on Contemporary innovative practices in Management on April 13-14, 2011 on the topic "Study the potential of e-learning in rural – India" at Pacific Academy of Higher Education & Research University Udaipur.
- (15) Paper Presented in International Conference on Contemporary innovative practices in Management on April 13-14, 2011 on the topic "A Critical study of e-mitra Project in Udaipur" at Pacific Academy of Higher Education & Research University Udaipur.
- (16) Paper Presented in International Conference on Contemporary innovative practices in Management on April 13-14, 2011 on the topic " Study the potential of e-Governance in India for next Generation" at Pacific Academy of Higher Education & Research University Udaipur.
- (17) International conference on Communication and Network csi-comnet-2011 organized by SIG-WNS , Division IV Computer-Society of India 4-6 Dec'2011 at CTAE Udaipur Chair the Session in Research paper Presentation.
- (18) 25th National Convention of computer Engineering and National Seminar on network home system and service (NHSS-2011) organized by the Institute of Engineering Udaipur Local Centre

Under the India aegis of computer Engineering Division Board IE in association with computer society of India Udaipur chapter and SIG-WNS college of Technology and Engineering Udaipur and Techno India NJR Institute of Technology Udaipur during Feb.4-6 2011 held at college of Technology & Engineering Udaipur (Raj).

- (19) 3rd National Seminar on **“Recent Trends and physical Science in Advancement of mathematical and Physical Sciences participated”** held on 5-6 Feb ‘2011 at D.N College Meerut Presented Papers **“Reliability analysis of series system with reliable components”**.
- (20) National Conference on **“ Research Methodologies** for meeting design challenges in 21st Century” Organized by computer Society of India Udaipur local chapter and SIG-WNs at Sunrise Group of Institution (SGIs) Udaipur And Department of computer Science and Engineering College of Technology and Engineering Udaipur held during January 17-18 ‘2011 at SGI Campus Udaipur.
- (21) Certificate of Appreciation by Society of Computer Professional Geetangli institute of Technical studies Dabok Udaipur (Rajasthan) on 12-13 Feb.’ 2010 Advance Computer and creating entrepreneur session chairperson in this conference.
- (22) A Paper Presented at National Conference on **“ Recent Advances in Electrical Engineering and Energy Systems”** at Department of Electrical Engineering, Institute of Technology & Management, Bhilwara (Raj) on the Topic **“Analysis of Basic Feasible solution in Special case assignment Problem”** held on 10-11 September, 2011.
- (23) A Paper Presented at National Seminar on **“ E-Governance : An Overview of the Present System ”** at Mahaveer Institute of Technology, Meerut (U.P.), held during 7th and 8th November 2009.
- (24) All India Seminar on ICT for rural Development Access and Application (ICTRD-2009) Organized by The Institution of Engineers (India),Udaipur Local Chapter during September 11-12, 2009 at Udaipur, participated and presented Paper Entitled **“ E-Governance “ Past And Future”**
- (25) National Conference on Advanced Communication Technologies & Applications Organized by Geetanjali Institute of Technical Studies Dabok, Udaipur on 13-14 May,2009, a research paper

presented on “E-Governance “ **The Basic Challenges and Acceptability of E-Governance and success stories in India”**

- (26) National conference on “Advancements in Engineering and Technology : Vision 2025”Organized by Faculty of Engineering, Pacific University Udaipur on 12-13 Sept 2014, a research paper presented on” **Bio-metric Authentication system : Based on Dynamic Gestures”**
- (27) National conference on “Advancements in Engineering and Technology : Vision 2025”Organized by Faculty of Engineering, Pacific University Udaipur on 12-13 Sept 2014, a research paper presented on **“Analysis of Assets and Vulnerabilities in secure software Development Life Cycle”**
- (28) International Journal of Research Review in Engineering Science and Technology (ISSN 2278-6643)/ IJRREST (Volume-2, Issue-1, March-2013, A Research paper title **“ Security Requirement Elicitation Phase of Secure Software Development Life Cycle”**
- (29) International Journal of Research Review in Engineering Science and Technology A Research paper title **“ Geographic Information Systems, Population transport Spatial Modeling”**
- (30) National conference on “Advancements in Engineering and Technology : Vision 2025”Organized by Faculty of Engineering, Pacific University Udaipur on 12-13 Sept 2014, a research paper presented on **“Data Wiping And Anti Forensics Technique”**
- (31) National conference on “Advancements in Engineering and Technology : Vision 2025”Organized by Faculty of Engineering, Pacific University Udaipur on 12-13 Sept 2014, a research paper presented on **“Cyber Crime : Still Needs More Awareness in India”**
- (32) International conference on ICTCS-2014.by computer society of India Udaipur Chapter a research paper presented on **“ Challenges & Effects of increasing Computational Speed for ICT Applications”**
- (33) International conference on ICTCS-2014.by computer society of India Udaipur Chapter a research paper presented on **“Strengthening Private Cloud Security through effective random key Facet.**
- (34) National conference on “Advancements in Engineering and Technology : Vision 2025”Organized by Faculty of Engineering, Pacific University Udaipur on 12-13 Sept 2014, a research paper presented on **“Online exams using Cryptography”.**

- (35) International journal of Advanced Research in Computer Science (IJARCS) ISSN No. 0976-5697
Date of Publication Jan-Feb 2017 Page no. 141-143 volume 8, Issue I Title **“Study of Managing Traffic Performance in Converged Networks”**
- (36) International journal of Advanced Research in Computer Engineering & Technology (IJARCET) ISSN No. 2278-1323 Date of Publication January 2017 Page no. 55-57 volume 6, Issue I Title **“Security Monitoring and Management of Traffic performance in Converged Networks”**.
- (37) International journal on Recent and Innovation Trends in Computer and Communication (IJRITCC) ISSN No. 2321-8169 Date of Publication May 2017 Page no. 766-772 volume 5, Issue 5 Title **“Wireless Cellular Technologies and Convergence”**.
- (38) Oriental Journal of Computer Science and Technology (OJCST) ISSN No. 0974-6471, Date of Publication- March 2017, Page No. 41-46, Volume 10, Issue I, Title **“ Convergence, Converged Networks NGN, IMS, Residential Network, FMC, CATV”**
- (39) International journal on Recent and Innovation Trends in Computer and Communication (IJRITCC) ISSN No. 2321-8169 Date of Publication May 2017 Page no. 766-772 volume 5, Issue 5 Title **–“Cognitive Radio : A Solution for Issue in Network Convergence”**.
- (40) International journal of Advanced Research in Computer Science (IJARCS) ISSN No. 0976-5697 Date of Publication May-June 2017 Page no. 900-903 volume 8, Issue 5 Title **–“Study of Converged Infrastructure & Hyper Converge Infrastructure As Future of Data Centre”**.
- (41) International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN No. 2321-8169, Date of Publication May 2017, Page No. 696-699, Volume -5, Issue -5, Title :- **“ Study of Types and Practice of Network Convergence”**.
- (42) International Journal of Development Research (IJDR), ISSN No. 2230-9926, Date of Publication July 2017, Volume No. 7, Issue No. -7, Title :- **“ Advanced Technologies involved in Network Convergence ,QoS ,QoE ,Traditional Network, CI, open Flow”**.
- (43) International journal On Recent Innovations in Electrical, Electronics, Computer, Information, Communication and Engineering –ICRIEEICME-2017 ,ISBN NO. 978-93-86831-04-0 Page no. 752-55, Date -23rd July 2017, Mumbai, Title :- **“ The Future of Data Centre Consolidation : Super convergence”**.
- (44) International Conference on Recent Advances in Computer Science and Information Technology (ICRACSIT), ISBN NO. 978-93-86831-04-0, Page No. -100-103, Date 23rd July 2017, Mumbai, Title :- **“ Role of Network Virtualization in Cloud Computing and Network Convergence.”**

- (45) International Conference on Industrial Electronics and Electrical Engineering (ICIEEE-2017), ISBN NO. – 978-93-86831-04-0 ,Date of Conference in Mumbai- 23rd July 2017, Title :- **“Strategy to Foster the Network Convergence Industry”**.
- (46) International Conference on Signal Processing And BigData Analysis (ICSPBA), ISBN NO. 9788193296639, Date of Conference 16th July 2017at Aurangabad (M.S.) Title :-**“ Private Cloud and Network Convergence”**.
- (47) International Journal for Innovative Research in multidisciplinary field published in volume -1, issue -2, Date- Sept. 2015, ISSN. No. -2455-0620, Title :-**“ A COMPARATIVE STUDY OF CRYPTOGRAPHIC ALGORITHMS”**
- (48) International Journal for Innovative Research in multidisciplinary field published in volume -1, issue -4, Date- Nov. 2015, ISSN. No. -2455-0620, Title :-**“ A NOVEL APPROACH FOR VIDEO HASHING”**.
- (49) International Journal for Innovative Research in multidisciplinary field published in volume -2, issue -4, Date- APRIL 2016, ISSN. No. -2455-0620, Title :-**“ ERP IMPLEMENTATION FAILURES : A CASE OF SMALL AND MEDIUM ENTERPRISES”**
- (50) International Journal for Innovative Research in multidisciplinary field published in volume -3, issue -3, Date-March. 2017, ISSN. No. -2455-0620, Title :-**“ A STUDY OF CRITICAL FACTORS FOR ERP IN SMEs”** Paper ID. No. 201703019, Impact Factor – 4.34.
- (51) Interdisciplinary journal of information, knowledge, and Management Vol. 16, 2021 **“IMPLEMENTING SECURITY IN IOT ECOSYSTEM USING 5G NETWORK SLICING AND PATTERN MATCHED INTRUSION DETECTION SYSTEM: A SIMULATION STUDY”**.
- (52) Wesleyan Journal of Research, Vol. 13 No. 72(March 2021) research Article **“A Review of Heavy Metals Contaminants in Drinking Ground Water and Their Implications on Human Health”**
- (53) A research paper published on Topic **“ Comparative analysis of various substitution techniques in Cryptograph”**
- (54) A research Paper published on topic **“Compression and Quality Estimation of Video signals through PSNR and AAIM”**

Written Five Text Books for Engineering courses

- (1) “Electronics Devices & Circuit”** Authors Prof. S.K. Sharma, Sanjay Gour, Hemant Purohit and Mukesh K. Sharma by Ramesh Book Depot Jaipur –New Delhi ISBN-978-81-8142-381-8.
- (2) “Digital Electronics”** Author Prof. S.K. Sharma, Mukesh K. Sharma, Deepak Vyas in 2010 by Ramesh Book Depot Jaipur –New Delhi ISBN-81-8142-172-8.
- (3) “Computer Programming and IT”** Author Prof. S.K. Sharma, Hemant Joshi, Tara Chand joshi by Vayu Education of India 2/25, Ansari Road Darya Ganj, New Delhi. ISBN No. : 978-93-81348758.
- (4) “Software Engineering”** Author Prof. S.K. Sharma, Hemant Joshi, Sunita Gupta, Shilpa Choudary by Vayu Education of India 2/25, Ansari Road Darya Ganj, New Delhi. ISBN No. : 978-93-80712-30-7.
- (5) “Object Oriented Programming”** Author Prof. S.K. Sharma, Yatendra Mohan Sharma, Neelam Sharma by Vayu Education of India 2/25, Ansari Road Darya Ganj, New Delhi. ISBN No. : 978-93-81348-74-1.

Seminar/ Conferences Organized :

1. National conference on **“Advancements in Engineering and Technology : Vision 2025”** Organized by Faculty of Engineering, Pacific University Udaipur on 12-13 Sept 2014
2. International conference on ICTCS-2014.by computer society of India Udaipur Chapter
3. 25th National Convention of computer Engineering and National Seminar on **“network home system and service (NHSS-2011)”** organized by the Institute of Engineering Udaipur Local Centre Under the India aegis of computer Engineering Division Board IE in association with computer society of India Udaipur chapter and SIG-WNS.
4. **International Conference on Contemporary innovative practices in Management** on April 13-14, 2011 by Pacific Academy of Higher education & Research University at Udaipur.

5. Two days National conference on **“Advances in communication, Computer & Electrical (ACCE-2017)”** on 25th and 26th March,2017 in Mordern institute of Technology and Research Centre Alwar.
6. One Day workshop on **“ PLC/SCADA Automation “** on 30th January 2017 in Mordern institute of Technology and Research Centre Alwar (Raj.).
7. One Day National Seminar on **“Advanced Construction Techniques (ACT-2017)”** on 21 January 2017 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
8. One Day workshop on **“Line Follower Robotics”** on 31st July 2017 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
9. One Day workshop on **“ Virtual Labs”** by I I T Delhi Faculty members on 9th February 2017 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
10. One Day workshop on **“Smart India Workshop”** on 16th December 2016 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
11. One Day workshop on **“ Career Guidance”** on 27th August 2017 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
12. One Day workshop on **“CAD”** on 15th March 2017 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
13. One Day workshop on **“Career Opportunities in banking Sector and support for young Entrepreneurs”** on 7th March 2017 in Mordern institute of Technology and Research Centre Alwar.
14. One Day Seminar on **“Digital Payment “** 5th December 2016 in Modern Institute of Technology and Research Centre, Alwar (Raj.)
15. One Day workshop on **“Virtual Labs”** by I I T Delhi Faculty members on August 2017 in Mordern institute of Technology and Research Centre, Alwar (Raj.).
16. One Day National workshop on **“Solar Energy system opportunities, challenges & deployment” for young Entrepreneurs** on 17th April 2017 in Mordern institute of Technology and Research Centre Alwar (Raj.).
17. One Day National workshop **“Industrial Automation”** on 7th March 2017 in Mordern institute of Technology and Research Centre Alwar.
18. First International Conference successful organized in MITRC Alwar (Raj.) just last month on 24 and 25th Feb.,2018 theme of conference was **“ EMERGING TRENDS IN SCIENCE ENGINNERING & MANAGEMENT”** ETSEM-2018 as convener & Organizing Secretary.

19. First International Seminar organized on theme “ 5G role in IoT in future “ on 17th Feb, 2018. In MITRC Alwar.
20. During Covid period lockdown time we conduct webinar National / International in all departments of engineering & regular fdp’s in department for continuous learning from faculty also.

Date :

(Prof.S.K. Sharma)

Place