DR. ADITYA KUMAR SINGH PUNDIR
LMISTE, MIEEE, MACM, LMCSI

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Permanent Address:

105, Sumer Nagar, Agrawal Farm, Jaipur-302020 (Rajasthan)

VITAL STATS

ACADEMIC PERFORMANCE

COURSE	%
Ph.D.	Awarded (SGPA-8.44 Course Work)
M.Tech.	72(With Hons)
B.E. (Elec. & Comm.)	73(With Hons)
12TH	78.92
10TH	85.17

EXTRA CURRICULAR ACTIVITIES/ACHIEVEMENT

- **Chief Investigator: C2S EDA tool Access, MeitY, Govt. of India**

- **Successfully organized More than 15 National & International Conferences, Seminars and Workshops as Convener, Co-convener, Coordinator, Organizing Secretary and Chair.**

- **Delivered special lectures and organizing three training programmes of MATLAB. VLSI and Embedded Systems.**

- **Member IEEE, Member ACM , Life Member CSI, Life Member ISTE**

- **Mentor Incubation and IPR Activities of the Institute**

OBJECTIVE

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To be a **valuable** and an **active asset** to an organization and contribute by generating high returns with my confidence and capabilities

PROFESSIONAL EXPERIENCE:

I have around **Fifteen** years of professional experience in following organizations:

Organization	: **Arya College of Engineering & IT** (**NAAC- Accredited (A)**)
Department	: Electronics and Communication (**NBA- Accredited**)
Role	: Professor, Convenor NAAC, Coordinator NBA, Mentor Incubation & IPR Activities
Duration	: 28th Nov. 2017 to till date

Previous Experience:

Organization	: **Jaipur National University**
Department	: Electronics and Communication
Role	: Asso. Professor, Coordinator NAAC SoET, & M.Tech. Coordinator
Duration	: 25th July 2011 to 15th Aug 2012 (Assistant- Professor) 16th Aug.2012 to 28th Nov. 2017 (Associate Professor)

Organization	: **Laxmi Devi Institute of technology**
Department	: Electronics and Communication
Role	: Lecturer/Research Scholar
Duration	: 11st May 2009 to 15th July 2011

Industry	: **Suzlon Infrastructure Pvt. Ltd.**
Department	: Generation
Role	: GTE
Duration	: 14st July 2008 to 20th March 2009

Company	: **ZDRiVE Software Private Limited**
Department	: Engineering
Role	: ESTP-GTE
Duration	: 1st Oct 2007 to 15th March 2008

EDUCATION:

EXAMINATION	BOARD/UNIV.	PASSING YEAR	%/SGPA/CGPA
Ph.D. (Broad Area: VLSI & Embedded) Title: "*Fault Tolerant Reconfigurable hardware Design using BIST Technique on SRAM*"	Poornima University, Jaipur	**Enrolled:** *09 July 2013* **Submitted:** *10 October 2017* **Viva Defense:** *09 April 2018* **Provisional Degree:** *28 April 2018* **Degree Awarded:** *05 January 2019*	**SGPA** 8.44 Or **Percentage** 76.72% **(Course Work)** Status: Awarded
M.Tech. (VLSI Design) LIET Alwar	R.T.U, Kota	*2012-2013*	72% (Hons) (1576/2200)
B.E. (Electronics & Communication Engineering) PCE, Jaipur	Rajasthan Univ.	*2007-2008*	73% (Hons) (5080/7000)
XII	R.B.S.E	*2002-2003*	79% (513/650)
X	R.B.S.E	*2000-2001*	85% (511/600)

RESEARCH SUPERVISOR:

Registered Ph.D. Supervisor in Rajasthan Technical University Kota, Office Order: RTU/Dean/ (R)/F (45)/ 2024 /1053-1062, Dated: 16/03/2024.

ONGOING Ph.D. Student (As Co-Guide):

Ms. Vinita Mathur, Ph.D. Scholar, Amity University, Jaipur, (Ph.D./RS/RL/21/12-03) letter dated 21/12/2021.

GUIDED STUDENTS FOR THEIR M.TECH. DISSERTATION:

Number of Candidate: 10, at Jaipur National University

Ongoing: 01, Arya College of Engineering and I.T., Rajasthan Technical University

Area: VLSI, Image watermarking, Video Watermarking, DSP processor, FPGA, Full custom IC layouts.

Tool: MATLAB (Image processing), Xilinx Project Navigator, Plan Ahead, X-Power, Microwind, Tanner tool, CC-Studio, Keil, Proteus.

Language: C, MATLAB , VHDL, Assembly.

Internal Quality Assurance Cell (IQAC):

NAAC:

- **Arya College of Engineering and Information Technology, Kukas, Jaipur, Rajasthan, India:** *as Convenor NAAC Criteria-3, IPR Activity Coordinator, R & D Coordinator*

- **Jaipur National University, Jaipur, Rajasthan, India, as** *Coordinator of School of Engineering & Technology,* **Asso. Professor, Coordinator NAAC SoET & M.Tech. Coordinator**

NBA:

- **Department of Electronic & Communication Engineering, Arya College of Engineering and Information Technology, Kukas, Jaipur, Rajasthan, India,** *as IPR Activity Coordinator, R & D Coordinator, Convenor NBA Criteria 5.*

Institute Innovation Council (IIC)[4.5 Star (2019-20), 4 Star (2020-21)]:

- **Arya College of Engineering and Information Technology, Kukas, Jaipur, Rajasthan, India as an** *IPR Activity Coordinator* **and Certified** *Innovation Ambassador, Advance Level***,** *total 50+ IPR applications* **has been prepared and filed. Around** *25 Events* **has been** *planned and executed* **till now.**

SUBJECT TAUGHT:

UG Levels:

Electronic Devices and Circuits (III SEM CS), **Microprocessor 8085** (IV SEM CS), **Digital logic design** (V SEM in CS),**Circuit Theory** (III SEM EC), **Electronic Devices and Circuits** (III SEM EC),**CAD of ICs** (VIII SEM CS),**VLSI Design** (VI SEM), **Signal & Systems** (V SEM ECE), Advance Microprocessor (VII SEM ECE)

PG Levels:

Introduction to Embedded Systems (I SEM ES and CSP)**, VLSI Design** (II SEM ES)**, HDL for Embedded Systems** (III SEM ES)**, Research Methodology & IPR**

CERTIFICATION:

1. **Intel Edge- AI Certified Engineer**

   https://www.intel.in/content/www/in/en/developer/tools/devcloud/edge/learn/certification.html

Other Courses:

Sl. No.	Name of the Faculty	Designation & Affiliation	Title of the Course	Duration	Completed	Platform	Session

1.	Dr. Aditya Kumar Singh Pundir	ACEIT, Jaipur	One Month Course Quantum Computing using Indigenous Quantum Simulator QSim conducted by IIT Roorkee, CDAC Hyderabad and MEITY	06th May-28th May 2023	28th May 2023	Online	2022-23
2.	Dr. Aditya Kumar Singh Pundir	ACEIT, Jaipur	IBM Getting Started with Enterprise-grade AI	Self paced	September 21, 2022	Online	2022-23
3.	Dr. Aditya Kumar Singh Pundir	ACEIT, Jaipur	IBM Getting Started with Threat Intelligence and Hunting	Self paced	October 21, 2022	Online	2022-23
4.	Dr. Aditya Kumar Singh Pundir	ACEIT, Jaipur	The Data Science Course: Complete Data Science Bootcamp	Self pace	September 28,2020	Online	2020-21
5.	Dr. Aditya Kumar Singh Pundir	ACEIT, Jaipur	Introduction to Internet of Things	NPTEL	July-Dec	Online	2023-24
6.	Dr. Aditya Kumar Singh Pundir	ACEIT, Jaipur	VLSI RTL to GDS II	NPTEL	July-Dec	Online	2023-24

GRANT/ SPONSORED PROJECT:

COMPLETED FUNDED PROJECT:

"Adaptive Bio-Impedance Based Monitoring System for Medical and Industrial Applications" Ramesh Kumar Meena, S. K Pahuja, H. S Mewara, Aditya Kumar

Singh Pundir (**Co-PI**), Shashank Tripathi, TEQIP III Collaborative Research Scheme, , Grant No. 1-5737385093, from **18th June 2019 to 30 June 2021** by National Project Implementation Unit **(Total Amount: 411000)**

CONFERENCE AND SEMINAR GRANT:

1. **Received grant for TEQIP III RTU (ATU) Sponsored <u>Springer: International Conference on Recent Trends in Communication & Intelligent Systems on June 08-09, 2019 as Organizing Secretary</u>. The Conference is technically supported by Institute of Engineers India (IEI), Institute of Electronics and Telecommunication Engineers (IETE), Computer Society of India (CSI), Indian Society of Technical Education (ISTE) and Space Society of Mechanical Engineers (SSME), India (Up-to INR 5,00,000)**

2. **Received grant for <u>National level Seminar on Recent Trends in VLSI & Embedded Systems (RTVES-2014)</u>** October 15 - 16, 2014 In association with **CSIR-CEERI, Pilani,** Rajasthan as a Convener/Coordinator. The Seminar is sponsored by **DRDO, Ministry of Defense, Govt. of India**, and technically supported by **Institute of Engineers India (IEI), Institute of Electronics and Telecommunication Engineers (IETE), Computer Society of India (CSI) and Indian Society of Lighting Engineers (ISLE)**. **(INR 50,000 DRDO**)

3. **Received grant for 3rd International Conference on Recent Trends in Communication and Intelligent Systems, ICRTCIS 2021: AICTE under Grant for Organizing Conference (GOC), AQIS Application ID: 1-9288904253, F.No. 67-39/IDC/GOC/POLICY-1/2020-21, Amount 2,94,200/-, Dated: 27 April 2021 as Co-Coordinator and Organizing Scretary.**

INTELLECTUAL PROPERTY RIGHTS:

DESIGN APPLICATION (05):

1. **Aditya Kumar Singh Pundir**, Pallavi Singh, "**Prosthetic Arm as artificial limbs**", Design Application Number: 341851-001, Dated 04/04/2021, **Accepted**, Certificate issued and Published.

2. Arya College of Engineering and Information Technology, Sachin Som, Rahul Tilockchandani, Nirmal Mali, Rahul Malviya, Pushpendra Singh, Er. Umesh Kumar Sharma, **Dr. Aditya Kumar Singh Pundir**, Dr. Rahul Srivastava, "**Robotic hand for sign language learning**", Design Application Number: 366542-001, **Accepted**, Certificate issued and Published.

3. Arya College of Engineering and Information Technology, Jatin Sain, Jatin Kumar, Ahassan Ahamed Ansari, Mr. Suresh Binwal, **Dr. Aditya Kumar Singh Pundir**, Dr. Rahul Srivastava, Dr. Chhavi Saxena," **Voice Assisted Robotic Arm Segment design for Humanoid Robot**", Design Application Number: 378823-001, **FER Filed**.

4. Dr. Ramesh Kumar Meena, **Dr. Aditya Kumar Singh Pundir**, Dr. Vivek Upadhyaya, Dr. Gajendra Singh, Dr. Vishal Vishnoi, "**Electrical Impedance Tomography based Data Acquisition Wearable Belt for Remote Patient Monitoring**", Design Application Number: 383046-001, **Filed dated: 05/04/2023.**

5. Arya College of Engineering and Information Technology, Anshika Garg, Nilesh Kumar Dev, Lakshya Gupta, Er. Suresh Binwal, **Dr. Aditya Kumar Singh Pundir**, Dr. Rahul Srivastava," **Spherical Quadruped Traker Robot**", Design Application Number: 401755-001, **Accepted**, Certificate issued and Published.

PATENT GRANT (04):

Indian Patent:

1. Dr. Aditya Kumar Singh Pundir, Dr. Om Prakash Sharma, "**A Method For Testing And Real Time Self Repairing Faulty Memory Cell**", **Granted, Patent Number: 497940,** Publication: Official Journal of the Patent Office, Journal No. 30/2018, Dated 27/07/2018, Application Number: 201811025666.

2. Dr. Ramesh Kumar, Dr. H.S. Mewara, Dr. Aditya Kumar Singh Pundir, Dr. Shashank Tripathi, Mr. Raj Kumar Yadav, "**Electrical Impedance Based Data Acquisition System for Imaging Applications**", **Granted, Patent Number: 549122,** The Patent Office Journal No. 14/2021, Dated 02/04/2021, Application Number: 202111011482.

Australian Innovation Patent:

1. Aditya Kumar Singh Pundir, Pallavi Singh, Akhtar Kalam, "**A Dynamic Built-in Self-Test and Repair for NVRAM**", Australian Innovation Patent Number: 2021100244, Dated 30/04/2021, **Granted**

2. Chhavi Saxena, Rahul Srivastava, Aditya Kumar Singh Pundir," Intelligent Client Management System", Australian Innovation Patent Number: 2021104758, Dated 30/07/2021, **Granted**

COPYRIGHT (02):

Class of Work: Computer Software

1. Aditya Kumar Singh Pundir, Pallavi Singh, "**Memory Self Repair using redundant memory locations**", Diary Number: 7621/2021-CO/SW, Registration Number: SW-14575/2021, **Registered**

2. Aditya Kumar Singh Pundir, Chhavi Saxena, Rahul Srivastava, "**A Voice Assisted Central Control System for Robotic Arm**", Diary Number: 3525/2023-CO/L, Registration Number: L-127490/2023, **Registered**

PUBLICATIONS:

PATENTS PUBLICATION(12) (Total 78 Applications filed for institute)

1. Dr. Aditya Kumar Singh Pundir, Dr. Om Prakash Sharma, "**A Low Cost, Economical, Real Time Self-Healing Approach for Ram Based on Dynamic Spare Allocation using Microcontroller**", **Official Journal of the Patent Office, Journal No. 30/2018, Dated 27/07/2018, Application Number: 201811025666.**

2. Abhishek Singh, Prakhar Tandon, Harshit Gupta, Divya Choudhary, Deepanshu Gupta, Ayushi Yadav,Guddy Kumari, Avinesh Gupta, Er. Nikhil Jain, Dr. Vibhakar Pathak, Dr. Aditya Kumar Singh Pundir, Dr. Rahul Srivastava, "**A Portable Traffic Light System using Real Time Traffic**

Data", **Official Journal of the Patent Office, Journal No. 46/2018, Dated 16/11/2018, Application Number: 201811016336.**

3. Shruti Jha, Santan Kumar Sharma, Mayank Sharma, Adarsh Kumar Pandey, Dr. Aditya Kumar Singh Pundir, Dr. Vibhakar Pathak, Dr. Rahul Srivastava, " **A Computer Cloud based Smart Irrigation System using Internet of Things (IOT), The Patent Office Journal No. 52 / 2018, Dated 28/12/2018, Application Number: 201811016335.**

4. Pankaj Yadav, Parminder Singh, Dr. Rahul Srivastava, Dr. Aditya Kumar Singh Pundir, Dr. Chhavi Saxena, " **IoT based Digital Attendance Monitoring System**", **The Patent Office Journal No. 43/2020, Dated 23/10/2020, Application Number: 202011044310.**

5. Kashish Jain, Dr. Chhavi Saxena, Dr. Rahul Srivastava, Dr. Aditya Kumar Singh Pundir, "**A Low cost, low power, microcontroller based robotic arm**", **The Patent Office Journal No. 47/2020, Dated 20/11/2020, Application Number: 202011048317.**

6. Dr. Ramesh Kumar, Dr. H.S. Mewara, Dr. Aditya Kumar Singh Pundir, Dr. Shashank Tripathi, Mr. Raj Kumar Yadav, "**Electrical Impedance Based Data Acquisition System for Imaging Applications**", **The Patent Office Journal No. 14/2021, Dated 02/04/2021, Application Number: 202111011482.**

7. Rishav Anand, Vishaka Kumari, Rohan Kumar, Raushan Raj, Dr. Chhavi Saxena, Er. Ankit Gupta, Dr. Rahul Srivastava, **Dr. Aditya Kumar Singh Pundir, "**Real-Time Field Monitoring System For Assistance In Farming", **The Patent Office Journal No. 19/2021, Dated 07/05/2021, Application Number: 202111016321.**

8. **Dr. Aditya Kumar Singh Pundir**, Dr. Pallavi Singh, Dr. Akhtar Kalam, "A Dynamic Built-in Self-Test and Repair for NVRAM", **Australian Innovation Patent Number: 2021100244, Dated 31/04/2021**

9. Dr. Chhavi Saxena, Dr. Rahul Srivastava, **Dr. Aditya Kumar Singh Pundir**, "Intelligent Client Management System", **Australian Innovation Patent Number: 2021104758, Dated 30/07/2021**

10. Sachin Som, Rahul Tilockchandani, Nirmal Mali, Rahul Malviya, Pushpendra Singh, Er. Umesh Kumar Sharma, **Dr. Aditya Kumar Singh Pundir**, Dr. Rahul Srivastava," Wireless Robotic hand to teach sign language", **The Patent Office Journal No. 24/2022, Dated 17/06/2022, Application Number: 202211032418.**

11. Jatin Sain, Jatin Kumar, Ahassan Ahamed Ansari, Mr. Suresh Beniwal, **Dr. Aditya Kumar Singh Pundir**, Dr. Rahul Srivastava, Dr. Kirti Vyas," A Voice Assisted Robotic Hand and mechanism thereof", **The Patent Office Journal No. 05/2023, Dated 03/02/2023, Application Number: 202311004360.**

12. Faisal Sohail, Anshika Garg, Jatin Sain, Jatin Kumar, **Dr. Aditya Kumar Singh Pundir**, Dr. Rahul Srivastava, Mr. Suresh Binwal," Vehicle Maintenance Manager, **The Patent Office Journal No. 20/2023, Dated 19/05/2023, Application Number: 202311023012.**

AUTHORED & EDITED BOOKS (11)

Authored Book (01)

1. Aditya Kumar Singh Pundir, Ramesh Kumar Meena "**Digital Watermark Forensic on Multimedia Images Using DCT, Threshold and Correlation**

based Schemes", Lambert Academic Publishing, **ISBN: 978-3-330-08127-7, 2017.**

Edited Book (10)

1. Harish Sharma, Aditya Kumar Singh Pundir, Neha Yadav, Swagtam Das, Ajay Kumar Sharma, "**Recent Trends in Communication & Intelligent Systems**" under Springer: Algorithms for Intelligent Systems, eBook ISBN: 978-981-15-0426-6, DOI: https://doi.org/10.1007/978-981-15-0426-6, February 2020. **(Indexing: Springer Link, Web of Science)**

2. Aditya Kumar Singh Pundir, Pallavi Singh, "**Artificial Intelligence and Machine Learning**", 2021 *IOP Conf. Ser.: Mater. Sci. Eng.* **1049** 011001, doi: https://doi.org/10.1088/issn.1757-899X/1049, Online ISSN: 1757-899X, Print ISSN: 1757-8981, January 2021. **(Indexing; Web of Science)**

3. Aditya Kumar Singh Pundir, Anupam Yadav, Swagtam Das, "**Recent Trends in Communication & Intelligent Systems**" under Springer: Algorithms for Intelligent Systems, **eBook ISBN:** 978-981-16-0167-5, DOI: https://doi.org/10.1007/978-981-16-0167-5, April 2021. **(Indexing: Springer Link, Web of Science)**

4. Aditya Kumar Singh Pundir, Neha Yadav, Swagatam Das "**Recent Trends in Communication & Intelligent Systems**" under Springer: Algorithms for Intelligent Systems, https://doi.org/10.1007/978-981-19-1324-2, eBook ISBN 978-981-19-1324-2, 2022 **(Indexing: Springer Link, Web of Science)**

5. Rahul Srivastava, **Aditya Kumar Singh Pundir**, "New Frontiers in Communication & Intelligent Systems, ISBN: 978-81-955020-0-4, SCRS India, 2022 **(Indexing: Google Scholar)**

6. Aditya Kumar Singh Pundir, Anupam Yadav, Swagatam Das, Proceeding of 4th International Conference on Recent Trends in Communication & Intelligent Systems, April 2023" under Springer: Algorithms for Intelligent Systems, 2024. https://doi.org/10.1007/978-981-99-5792-7, ISBN: 978-981-99-5792-7 **(Indexing: Springer Link, Web of Science).**

7. Aditya Kumar Singh Pundir, Anupam Yadav, Swagatam Das, Proceeding of 5th International Conference on Recent Trends in Communication & Intelligent Systems, May 2024" under Springer: Algorithms for Intelligent Systems, 2025**.** https://doi.org/10.1007/978-981-97-7632-0**,** ISBN: 978-981-97-7632-0 **(Indexing: Springer Link, Web of Science).**

8. Aditya Kumar Singh Pundir, Anupam Yadav, Rosa Ma.Rodríguez Domínguez, Swagatam Das, Proceeding of 6th International Conference on Recent Trends in Communication & Intelligent Systems, June 2025" under Springer: Algorithms for Intelligent Systems, 2025**.** ISBN: 978-3-032-09832-0 **(Indexing: Springer Link, Web of Science).**

9. Aditya Kumar Singh Pundir, Anupam Yadav, Rosa Ma.Rodríguez Domínguez, Swagatam Das, Proceeding of 6th International Conference on Recent Trends in Communication & Intelligent Systems, June 2025" under IET Conference Proceeding, 2025**.** https://doi.org/10.1049/icp.2025.2726, ISBN: 978-1-83724-702-8 **(Indexing: IEEE Xplore, Scopus, Web of Science).**

10. TBA: Aditya Kumar Singh Pundir, Anupam Yadav, Rosa Ma.Rodríguez Domínguez, Swagatam Das, Proceeding of 7th International Conference on Recent Trends in Communication & Intelligent Systems, on 19-20 June 2026"

under IET Conference Proceeding, 2026**, (Indexing: IEEE Xplore, Scopus, Web of Science).**

PAPERS IN JOURNALS (27)

SCI/ SCOPUS (16)

Published

1. **Aditya Kumar Singh Pundir**, Pallavi Singh, Ramesh Kumar, Manish Kumar Singla, "Modelling, Simulation, and FPGA Implementation of an Augmented Memory Built-in Self-Test Based Design for Bit-Oriented Memory", Journal of Electronic Testing Theory and Applications – JETTA, Springer Nature, 41, 503–523 (2025). https://doi.org/10.1007/s10836-025-06193-3, **Status: Published, IF: 1.3, SCIE, Scopus, Cite Score: 2.4**

2. Vinita Mathur, Sanjay Kumar Singh, **Aditya Kumar Singh Pundir**, "IoT Based Memory Fault Diagnosis And Repairing Using Particle Swarm Optimization (PSO), Facta Universitatis, Series: Electronics and Energetics, Volume 38, Issue 1, Pages 209 – 220, 2025, https://doi.org/10.2298/FUEE2502209M, **Status: Published, IF: 0.16, ESCI, Scopus, Cite Score: 0.17**

3. Vinita Mathur, Sanjay Kumar Singh, **Aditya Kumar Singh Pundir**, "Performance Analysis of Model For Fault Diagnosis In Radiation-Hardened Memories Using SVDD-PSO, Facta Universitatis, Series: Electronics and Energetics, Volume 38, Issue 1, Pages 151 – 162, 2025, http://doi.org/ 10.2298/FUEE2501151M, **Status: Published, IF: 0.16, ESCI, Scopus, Cite Score: 0.17**

4. **Aditya Kumar Singh Pundir**, Girish Wadhwa, Pawandeep Kaur, Prashant Mani, Sheetal Bhandari, "Comparative Analysis of Symmetrical/Asymmetrical Vertical Electrolyte-Insulated Semiconductor Tunnel FET for pH Sensor Application", Physica Status Solidi (a) [Wiley], 2400093, https://doi.org/10.1002/pssa.202400093, **Status: Published, IF: 1.9, SCIE, Scopus, Cite Score: 3.7**

5. **Aditya Kumar Singh Pundir**, Pawandeep Kaur, Srinivas Burra, Prashant Mani, Girish Wadhwa, "Electrolyte gated based pH sensing vertical TFET biosensor: Design, simulation and noise analysis", Micro and Nanostructures, Volume 193, 2024, 207897, ISSN 2773-0123, https://doi.org/10.1016/j.micrna.2024.207897, **Status: Published, IF: 3.1, SCIE, Scopus, Cite Score: 6.5**

6. V. Mathur, S. K. Singh and **Aditya Kumar Singh Pundir**, "A Investigation of Augment March C- Algorithm using IoT: Heuristic Approach", Journal of Computational Technologies, 29(04), 110-121, ISSN 1560-7534, eISSN 2313-691X, DOI:10.25743/ICT.2024.29.4.008 **Status: Accepted, Scopus, Cite Score: 0.6**

7. P. Singh, C. Mendiratta, S. Singh and **Aditya Kumar Singh Pundir**, "Assessment Of Future Fracture Risk Among The Pre And Post-Menopausal Women Of Allahabad District With Osteopenia And Osteoporosis" Migration Letters, 21(S6), 1867–1875, 2024, Retrieved from https://migrationletters.com/index.php/ml/article/view/8665 **Status: Published, Scopus, Cite Score: 2.0**

8. Neelakandan S, Sridevi M., Saravanan Chandrasekaran, Murugeswari K, **Aditya Kumar Singh Pundir**, Sridevi R and T. Bheema Lingaiah,"Deep Learning Approaches for Cyberbullying Detection and Classification on Social Media", Journal of Computational Intelligence and Neuroscience, Volume 2022, DOI: http://doi.org/10.1155/2022/2163458, 1-13, (Indexed: SCI, SCIE, Scopus)**, Status: Published, IF: 3.120**

9. Farrukh Sayeed, Sudheer Hanumanthakari, Sujo Oommen, Anitha G., Hemavathi S., **Aditya Kumar Singh Pundir**, M. Sudhakar, Ravishankar Sathyamurthy, V. Mohanavel, "A novel and comprehensive mechanism for the energy management of a Hybrid Micro-grid System", Energy Reports Elsevier, Volume 8, Supplement 8, 2022, Pages 847-862, ISSN 2352-4847, https://doi.org/10.1016/j.egyr.2022.09.207**, Status: Published, IF: 4.937**

10. Harshavarshan A, Prasanthi Boyapati, Neelakandan S., A. Rasheed, **Aditya Kumar Singh Pundir**, Ranjan Walia "LSGDM with Biogeography based Optimization (BBO) Model for Healthcare Industry Applications", Hindawi Journal of Healthcare Engineering, Vol. 2022, ISSN: 2040-2295, DOI: https://doi.org/10.1155/2022/2170839, (Indexed: SCI, SCIE, Scopus)**, Status: Accepted, IF: 2.682**

11. Sunitha Gurram, K.Geetha, S. Neelakandan, **Aditya Kumar Singh Pundir**, S. Hemalatha, "Intelligent Deep Learning based Ethnicity Recognition and Classification using facial Images", Image and Vision Computing Elsevier, Available online 15 February 2022, 104404, DOI: https://doi.org/10.1016/j.imavis.2022.104404, **(Indexed: SCIE, Scopus), Status: In Press, IF: 2.818**

12. D. Anuradha, J. Faritha Banu, T. Ch. Anil Kumar, R. Srinivasan, **Aditya Kumar Singh Pundir**, D. Vijendra Babu," Energy Aware Seagull Optimization-Based Unequal Clustering Technique in WSN Communication", Intelligent Automation & Soft Computing, Vol.32, No.3, pp. 1325-1341, 2022, DOI: https://doi.org/10.32604/iasc.2022.021946, **(Indexed: SCIE, Scopus), Published, IF: 1.647**

13. N. Arulkumar, Ibrahim Patel, **Aditya Kumar Singh Pundir**, Jaishankar B, Santosh Vishwakarma, Prakash Mohan," An Efficient Blockchain for Securing Healthcare Data using Squirrel Search Optimization Algorithm", Intelligent Automation & Soft Computing, Vol. 32, No.3, pp. 1815-1829, 2022, ISSN: 2326-005X, DOI: https://doi.org/10.32604/iasc.2022.021822**, (Indexed: SCIE, Scopus), Published, IF: 1.647**

14. **Aditya Kumar Singh Pundir**, "A Novel Modified Memory Built in Self-Repair (MMBISR) for SRAM using Hybrid Redundancy-Analysis Technique", IET Circuits, Devices & Systems, Published 18/04/2019 Print ISSN 1751-858X, Online ISSN 1751-8598, , p. 836 – 842, Volume 13, Issue 6, September 2019. DOI: https://doi.org/10.1049/iet-cds.2018.5218 **(Indexed: SCI, SCIE, Scopus, IET Library, IEEE Xplore, Scopus), Published, IF: 1.290**

15. Ramesh Kumar, H. S. Mewara, Shashank Tripathi, and **Aditya Kumar Singh Pundir**," An Image Reconstruction Algorithm with Experimental Validation for Electrical Impedance Tomography Imaging Applications", Sensor Letter, Sensor Lett. 18, 410–418 (2020), ISSN:1546-1971 American Scientific Publishers. DOI: https://doi.org/10.1166/sl.2020.4230 (Indexing: **UGC Care**)

16. **Aditya Kumar Singh Pundir** and Om Prakash Sharma," CHECKERMARC: A Modified Novel Memory-Testing Approach for Bit-Oriented SRAM", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, no. 12, pp. 3023-3028, 2017. (Indexing: UGC Approved Journal No. - 64529, **Scopus)**

17. Pallavi Singh, Virginia Paul, **Aditya Kumar Singh Pundir**, "Epidemiology of Osteoporosis: A Case-Control Study among the Pre and post-Menopausal women of Allahabad District", Indian Journal of public Health Research and Development, ISSN: 0976-5506, Volume 11, No.2, February 2020. DOI: https://doi.org/10.37506/v11%2Fi2%2F2020%2Fijphrd%2F194883 (Indexing: **UGC Care**)

OTHER REFEREED JOURNALS (11)

1. Preeti Sharma, **Aditya Pundir**, Sudhir Sharma, "**Modeling A FM Receiver with Digital Demodulator**", INROADS- An International Journal of Jaipur National University, ISSN- 2277-4912, Volume 5, Issue 1, 2016

2. Shivam Sharma, **Aditya Pundir**, Rahul Pandey, Vijendra Kumar Patel, Nishant Agarwal, "**An Analysis of Device Characteristics of Strained N-Channel MOSFET**", SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – ISSN: 2348 – 8549, Volume 3 Issue 8 – August 2016.

3. Astha Garg, **Aditya Pundir**, Sudhir Sharma, "**Image Compression Using Modified Huffman Coding**", INROADS- An International Journal of Jaipur National University, Vol 4, No.1. pp. 53-56, DOI:10.5958/2277-49112.2015.00010.7, Jan-June 2015 (Indexed: Google Scholar, Indian Science Abstracts, J-Gate, EBSCO Discovery and Summon (Proquest)), (**Citations: 57, Source: Research Gate**)

4. Sarita Sharma, Aditya Pundir, Manish Kumar, "**A Simple Design of VHDL based Chess Clock Integrated with Chess Board**", International Journal of Research in Engineering and Technology, ISSN: 2319-1163, Volume 3, issue 9, September 2014. (Indexed: **Google Scholar**)

5. Himanshu Makkar, **Aditya Pundir**, "**Image Analysis Using Improved Otsu's Thresholding Method**", International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume 2 Issue: 8, pp 2122 – 2126, August 2014. (Indexed: **Google Scholar**) (**Citations: 02, Source: Research Gate**)

6. Roma Rewani, Mahendra Kumar, **Aditya Kumar Singh Pundir**, "**Digital Image Watermarking: A Survey**", International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622, Vol. 3, Issue 4, Jul-Aug 2013. (Indexed: **Google Scholar, UGC Approved**)

7. Roma Rewani, **Aditya Kumar Singh Pundir**, "**Robustness Investigation On the Digital Images With Watermarking Techniques Using CDMA, DCT And Threshold Based Scheme**", International Journal of Modern Electronics and Communication Engineering (IJMECE) ISSN: 2321-2152, Volume No-1, Issue No-2, May, 2013. (Indexed: **Google Scholar, UGC Approved Journal Number: 62465**)

8. Abhishek Dadhich, Neelu Pareek, **Aditya Pundir**, R.L.Dua, "**Verilog Implementation of Inter Integrated IC Technology** ", International Journal

of Business & Engineering Research ISSN: 0975-0479, 71-74, Volume 6, No.1-June 2012.

9. Abhishek Dadhich, Neelu Pareek, **Aditya Pundir**, R.L.Dua, "**High Performance CMOS Low Drop Out (LDO) Voltage Regulator**", International Journal of Business & Engineering Research ISSN: 0975-0479, 67-70, Volume 6, No.1-June 2012.

10. Neelu Pareek, Abhishek Dadhich, **Aditya Pundir**, "**A New Technology: Vacuum-Train (Vactrain)**", International Journal of Business & Engineering Research ISSN: 0975-0479,40-42,Volume 6,No.1-June 2012

11. Abhishek Dadhich, Neelu Pareek, **Aditya Pundir**, "**Introduction of Blue Eyes**", International Journal of Business & Engineering Research ISSN: 0975-0479, 25-27,Volume 6,No.1-June 2012.

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Web of Science/ Scopus (15)

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2. **Pundir, Aditya Kumar Singh**, Sharma, Om Prakash, "**Fault Tolerant Reconfigurable Hardware Design Using BIST On SRAM: A Review**", 2017 International Conference on Intelligent Computing and Control (I2C2), Coimbatore, pp. 1-16, DOI: 10.1109/I2C2.2017.8321907, 23-24 June 2017. (Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).

3. Ramesh Kumar, **Aditya Kumar Singh Pundir**, Raj Kumar Yadav, Anup Kumar Sharma, Digambar Singh, "**An Experimental Perusal of Impendence Plethysmography for Biomedical Applications**", Springer: Algorithms for Intelligent Systems, ISSN: 2524-7565, International Conference on Recent Trends in Communication & Intelligent Systems, June 08-09, 2019 **(Indexed: Web of Science, Springer).**

4. K. Kalaivani, Rohini Govindaraju, Paul T Sheeba, P Sivakumar, **Aditya Kumar Singh Pundir**, M. Maragatharajan and B. Jegajothi, "A Novel Hyperparameter Tuned Deep Learning Model for Content based Image Retrieval," 2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), 2022, pp. 207-213, **doi: 10.1109/ICSCDS53736.2022.9760906. (Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

5. Vivek Upadhyaya, **Aditya Kumar Singh Pundir**, Chhavi Saxena, Rahul Srivastava, "**Encryption, Decryption Analysis of Non- Stationary Image using Canonical Transforms with Scrambling Technique**", Fourth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2019), Thematic edited book by CRC Press (Taylor and Francis Group), 2020, **(Indexed: Web of Science, Scopus, Google Scholar).**

6. V. Mathur, **Aditya Kumar Singh Pundir**, S. Singh, S.K. Singh (2024). An Insight into Algorithms and Self Repair Mechanism for Embedded Memories Testing. In: Goyal, S.K., Palwalia, D.K., Tiwari, R., Gupta, Y. (eds) Flexible

Electronics for Electric Vehicles. FLEXEV 2022. Lecture Notes in Electrical Engineering, vol 1065. Springer, Singapore. https://doi.org/10.1007/978-981-99-4795-9_48 **(Scopus, Google Scholar).**

7. V. Mathur **Aditya Kumar Singh Pundir**, R. K. Gupta, S.K. Singh (2024). Recrudesce: IoT-Based Embedded Memories Algorithms and Self-healing Mechanism. In: Jha, P.K., Tripathi, B., Natarajan, E., Sharma, H. (eds) Proceedings of Congress on Control, Robotics, and Mechatronics. CRM 2023. Smart Innovation, Systems and Technologies, vol 364. Springer, Singapore. https://doi.org/10.1007/978-981-99-5180-2_10 **(Indexed: Scopus, Google Scholar).**

8. **Dr. Aditya Kumar Singh Pundir**," Intelligent System for Early Diagnosis of Skin Cancer using Bilinear CNN and Soft Attention Approach", 4th International Conference on Electronics and Sustainable Communication Systems (ICESC-2023), **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

9. **Aditya Kumar Singh Pundir**, U. A. Nayak, D. Gayathri, S. M, B. Jamalpur and R. Rastogi, "Early Cervical Cancer Diagnostics Detection Based on RMSE and Extreme Learning Machine," *2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)*, Erode, India, 2023, pp. 256-261, doi: 10.1109/ICSSAS57918.2023.10331791. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

10. P. B, R. Gomathi, C. N. Harshavardhana, P. S. K. Reddy, D. Kumar and **Aditya Kumar Singh Pundir**, "Integrating Deep Learning and Graph Neural Networks for Multimodal Lung Tumor Analysis: A Novel Approach for Improved Classification and Predict," *2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)*, Erode, India, 2023, pp. 346-352, doi: 10.1109/ICSSAS57918.2023.10331691. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

11. G. N. P. V. Babu, V. N. S, S. Yadav, E. Manigandan, C. Gulati and **Aditya Kumar Singh Pundir**, "An Innovative Method to Predict Real Estate Prices Using Convolutional Block Attention Module," *2023 4th International Conference on Smart Electronics and Communication (ICOSEC)*, Trichy, India, 2023, pp. 1248-1253, doi: 10.1109/ICOSEC58147.2023.10276179. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

12. S. G P, M. Akshaya, A. Salim, M. Sarfaraz, M. N. Kathiravan and **Aditya Kumar Singh Pundir**, "An Intelligent Method for Predicting Skin Disease Using OM-Extreme Learning Machine," *2023 4th International Conference on Smart Electronics and Communication (ICOSEC)*, Trichy, India, 2023, pp. 1242-1247, doi: 10.1109/ICOSEC58147.2023.10276085. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

13. **Aditya Kumar Singh Pundir**, M. A. A. Walid, P. Adivarekar, A. Gopi, V. Malathy and D. K. Singh, "Intelligent System for Early Diagnosis of Skin Cancer using Bilinear CNN and Soft Attention Approach," *2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC)*, Coimbatore, India, 2023, pp. 1146-1152, doi: 10.1109/ICESC57686.2023.10193223. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

14. R. Dhumpati, V. Kansal, G. A. Muthulingam, **Aditya Kumar Singh Pundir**, H. Patil and R. Maranan, "Efficient Detection of Multiple Lung Diseases from

Chest CT Scans and Coughs Sound using a Simplicial Attention-based Sparse Graph Convolutional Network," 2024 8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Kirtipur, Nepal, 2024, pp. 1312-1318, doi: 10.1109/I-SMAC61858.2024.10714875. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

15. A. Thakur, **Aditya Kumar Singh Pundir**, N. Shrivastava and G. Wadhwa, "Exploring the Potential of Silicon Carbide Nanowire Junctionless Field-Effect Transistors for Ultra-Scaled 5 nm Channel Length Applications," 2024 IEEE 3rd International Conference on Electrical Power and Energy Systems (ICEPES), Bhopal, India, 2024, pp. 1-5, doi: 10.1109/ICEPES60647.2024.10653553. **(Indexed: IEEE Xplore, Web of Science, Scopus, Google Scholar).**

Others (03)

1. **Aditya Pundir**, Om Prakash Sharma, "**Exploring Semantic Based Image Retrieval From A Large Database**", International Conference on Engineering and Technology (ICET), Karpagam College of Engineering, Coimbatore, pp. 93-99, ISBN: 978-1-5090-3213-6, December 16-17 2016. (Presented).

2. **Aditya Pundir**, Ramesh Kumar Meena, "**Digital Watermark Forensic on Multimedia Images Using DCT, Threshold and Correlation based Schemes**", Journal of Engineering, Science & Management Technology, JESMT, ISSN: 2231-1521, Vol. 2, No. 1, January – June 2012.

3. **Aditya Kumar Singh Pundir**, H. N. Mishra, Sachin Jain, "**Body Area Networks (BAN)**", National Conference on Revolutionary Advancements in Communication and Electronics (RACE-10)-12th-13th November, 2010 - Organized by: Department of Electronics and Communication Engineering-Laxmi Devi Institute of Engineering and Technology, Chikaani, Alwar.

SEMINARS (01)/ CONFERENCES (06) /WORKSHOPS (01) ORGANIZED (Total 08)

1. Organized First International Conference Innovative Advancements In Engineering And Technology (IAET-2014) March 7 - 8, 2014 at Jaipur National University, Jaipur as Venue Committee Chair. The Conference is sponsored by Department of Science and Technology (DST), Govt. of India and technically supported by Institute of Engineers India (IEI), Central Electronics Engineering Research Institute (CEERI), Institute of Electronics and Telecommunication Engineers (IETE) and Computer Society of India (CSI).

2. Organized National level Seminar on Recent Trends in VLSI & Embedded Systems (RTVES-2014) October 15 - 16, 2014 In association with CSIR-CEERI, Pilani, Rajasthan as a Convener/Coordinator. The Seminar is sponsored by DRDO, Ministry of Defense, Govt. of India, and technically supported by Institute of Engineers India (IEI), Institute of Electronics and Telecommunication Engineers (IETE), Computer Society of India (CSI) and Indian Society of Lighting Engineers (ISLE).

3. Organized and Deliver a National Level Workshop "Hand-on-Practice on Embedded Systems" organized at Jaipur National University and supported by

Atmel, Atmel University, IEI, IETE and CSI India from January 28th to 30th 2016.

4. Organized <u>Second International conference Innovative Advancements In Engineering And Technology (IAET-2016)</u> April 1-2, 2016 at Jaipur National University in association with <u>Myongji University, South Korea</u> at Jaipur as Co-Convener. The Conference is sponsored by Department of Science and Technology (DST), Govt. of India and technically supported by Institute of Engineers India (IEI), Central Electronics Engineering Research Institute (CEERI), Institute of Electronics and Telecommunication Engineers (IETE) and Computer Society of India (CSI).

5. Organized <u>Third International conference Innovative Advancements In Engineering And Technology (IAET-2018)</u> March 22-23, 2018 at Jaipur National University in association with <u>Myongji University, South Korea</u> at Jaipur as Convener. The Conference is sponsored by DRDO, Delhi and technically supported by Institute of Engineers India (IEI), Central Electronics Engineering Research Institute (CEERI), Institute of Electronics and Telecommunication Engineers (IETE) and Computer Society of India (CSI).

6. Organized TEQIP III RTU (ATU) Sponsored <u>Springer: 1st International Conference on Recent Trends in Communication & Intelligent Systems on June 08-09, 2019</u>. The Conference is technically supported by Institute of Engineers India (IEI), Institute of Electronics and Telecommunication Engineers (IETE), Computer Society of India (CSI), Indian Society of Technical Education (ISTE) and Space Society of Mechanical Engineers (SSME), India.

7. Organized IOP Science MSE: 1st International Conference on Artificial Intelligence & Machine Learning on September 04-05, 2020 as Organizing Chair. The Conference is technically supported by ACAIRS, India.

8. Organized Springer: 2nd International Conference on Recent Trends in Communication & Intelligent Systems on November 20-21, 2020 as Organizing Secretary. The Conference is technically supported by SCRS, India.

9. Delivered **One Day Mentoring session for IIC as Innovation Ambassador** on 22/07/2021 to students on **Patent & Prototype Validation**.

10. Delivered One Day Mentoring session for IIC as Innovation Ambassador on 24/03/2021 to students on **Innovative and Entrepreneurship Students**.

11. 5-Day Workshop **IPR Insight Series Part 1: Patent, Start-ups and Entrepreneurship (12-16 July, 2021)** JOINTLY ORGANIZED BY Cell for IPR Promotion and Management (CIPAM) & Department of Electronics & Communication Engineering, Arya College of Engineering & IT, Jaipur, Rajasthan, as Convener

12. **5-Day Workshop "Hands-on Sessions in Drafting and Filing procedure of Intellectual Property Rights" (03 - 07 May 2021)** JOINTLY ORGANIZED BY Cell for IPR Promotion and Management (CIPAM) & Department of Electronics & Communication Engineering, Arya College of Engineering & IT, Jaipur, Rajasthan as Convener

13. RTU(ATU) **TEQIP-III Sponsored Five Days faculty development program on "Innovation and Intellectual Property Rights"** under the aegis

of Rajasthan Technical University, Kota from **06th - 10th, March 2021** as Co-Convener.

14. AICTE **Sponsored Third International Conference on Recent Trends in Communication & Intelligent Systems** on 22-23 October 2021 as Organizing Chair & Secretary

15. Fotth **International Conference on Recent Trends in Communication & Intelligent Systems** on 28-29 April 2023 as Organizing Chair & Secretary

16. Organized Fifth **International Conference on Recent Trends in Communication & Intelligent Systems** on 25-26 April 2024 as Organizing Chair & Secretary.

17. Organized Sixth **International Conference on Recent Trends in Communication & Intelligent Systems** on 27-28 June 2025 as Organizing Chair & Secretary.

18. Organizing Seventh **International Conference on Recent Trends in Communication & Intelligent Systems** on 19-20 June 2026 as Organizing Chair & Secretary.

FDP/ STTP / Seminar /Webinar / MOOCS Program Participated

S. No.	Name	Place	Mode*	Duration
1.	Free & Open Source Softwares for Effective Curriculum	NITTTR, Chandigarh	Online	16th January-20 January, 2023
2.	Blockchain Technology & Its Applications	UKA, TARSADIA UNIVERSITY, Gujrat	Online	November 01-05, 2022
3.	Five Days Workshops on Ecosystem for IPR Startup and Entrepreneurship	ACEIT Jaipur	Online	November 22-26, 2022
4.	Unlock Blockchain	Ajay Kumar Garg Engineering College, Ghaziabad	Online	August 1-5, 2022
5.	Five day FDP on Recent Trends in Mechanical Engineering	ICFAI University, Jaipur	Online	July 20 – July 24 , 2021
6.	Part 1 of the online UHV Refresher 1 FDP	AICTE	Online	18th April to 22nd April,2022
7.	6-day online UHV-II FDP	AICTE	Online	20th June to 25th June, 2022
8.	One Week Short Term Training Program (AICTE Sponsored) on Next Generation Wireless Technologies: 5G and beyond	Indo-Global College of Engineering	Online	16th August 2021 to 21st August 2021
9.	Online Orientation Training Programme for Mentors organized from 22 November - 26 November 2021 under National Initiative for Technical	NITTTR-AICTE	Online	22 November - 26 November 2021

	Teachers Training			
10.	5 Days Global E-FDP on "Unleashing Research Potential: Global Trends and Practices"	GALGOTIAS University	Online	March 7-11, 2022
11.	Data Sciences, AICTE, ATAL Academy	MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut	Online	20 April 2020 to 24 April 2020
12.	Artificial Intelligence, AICTE, ATAL Academy	UIET, Kurukshetra	Online	11 May 2020 to 15 May 2020
13.	Augmented Reality (AR)/ Virtual Reality (VR), AICTE, ATAL Academy	UIET, Kurukshetra	Online	25 May 2020 to 29 May 2020
14.	Internet of Things, AICTE, ATAL Academy	IIIT, Nagpur	Online	30 April 2020 to 04 May 2020
15.	Robotics, AICTE, ATAL Academy	UIET, Kurukshetra	Online	01 June 2020 to 06 June 2020
16.	Big Data Analytics	NITTTR Chandigarh	Online	18 May 2020 to 22 May 2020
17.	TEQIP-III RTU (ATU) SPONSORED FIVE DAYS FACULTY DEVELOPMENT PROGRAMME "Innovation and Intellectual Property Rights" [06th - 10th, March 2021]	Arya College of Engineering and Information Technology	Online	06-10 March 2021
18.	5 DAYS NATIONAL WORKSHOP ON HANDS ON SESSIONS IN DRAFTING AND FILING PROCEDURE OF IPRs, Jointly organized by CIPAM & ACEIT, Jaipur [03rd May 2021-07 May 2021]	Arya College of Engineering and Information Technology	Online	03rd-07th, May 2021
19.	5 Day UHV by AICTE	AICTE	Online	10rd-14th, May 2021
20.	5 Day UHV by AICTE	AICTE	Online	17rd-21th, May 2021
21.	AICTE Training And Learning (ATAL) Academy Online FDP on " Block chain" from 2020-11-2 to 2020-11-6 at POOJYA DODDAPPA APPA COLLEGE OF ENGINEERING	AICTE	Online	2020-11-2 to 2020-11-6
22.	AICTE Training And Learning (ATAL) Academy Online FDP on " Quantum Computing" from 2020-11-23 to 2020-11-27 at Malaviya National Institute of Technology Jaipur.	AICTE	Online	2020-11-23 to 2020-11-27
23.	AICTE Training And Learning (ATAL) Academy Online FDP on " Lab on Chip" from 2020-12-14 to 2020-12-18 at DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY (DU).	AICTE	Online	2020-12-14 to 2020-12-18
24.	AICTE Training And Learning (ATAL) Academy Online FDP on " Biomedical Instrumentation" from	AICTE	Online	2020-12-7 to 2020-12-11

2020-12-7 to 2020-12-11 at UNIVERSITY B D T COLLEGE OF ENGINEERING DAVANAGERE.			

EDITORIAL WORK (05):

1. **Editor:**
   - Springer ICRTCIS Conference proceeding: 2019, 2020, 2021, 2023, 2024, 2025, 2026
   - ICRTCIS 2025 and 2026 IET Conference Proceeding
2. **Guest Editor:** Special Issue On: "**Recent Trends in Communication & Intelligent Systems**" within International Journal of Cognitive Informatics and Natural Intelligence (IJCINI) (Indexing: **Web of Science Emerging Sources Citation Index (ESCI), SCOPUS**, Compendex (Elsevier Engineering Index), PsycINFO®, INSPEC).
3. Worked as a **Reviewer** in both first and second **Innovative Advancement in Engineering & Technology** (IAET 2014, March 7 - 8, 2014) and IAET 2016 (April 1-2, 2016).
4. Worked as **Reviewer** in **International Conference on Recent Cognizance in Wireless Communication & Image Processing** in association with Springer (ICRCWIP-2014, January 16-17 2015).
5. Reviewer of **IEEE Access**, Reviewer of **IET Software**.

INDUSTRIAL TRAINING:

➢ "Appin IT world"
Duration: 45 Days.
Project   : "TRAFFIC LIGHT CONTROL" "16 BIT MICROPROCESSER" etc.
Purpose   : To learn about VHDL.
Role   : As a trainee.

➢ "Birla Institute of Scientific Research, Jaipur"
Duration: 30 Days.
Project   :"Moving message display" over 'Dot-Matrix using computer parallel port'
Purpose   : to develop a compact, cheap and programmable display board.
Role   : As a trainee.

TECHNICAL SKILLS:

- 💻   Programming language: C, VHDL ,Embedded C, Assembly 8051
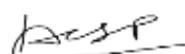- 💻   Application Software:
  - Microwind 3.1
  - Proteus 8

- Keil Compiler 9
- Tanner Tool 13.1
- Multisim-11 Ultiboard-11
- MATLAB-10
- Xilinx-Project Navigator and ModelSim SE-10E (VHDL-primer)
- Intel Quartus
- Hardware Platforms : FPGA-SPARTAN II,III, 6 , VIRTEX-5, 6, Cyclone UP3
- DSP Kit: TMS320C6713 DSP Starter Kit
- Embedded System: 8051/52 ATMEGA 16 ISP Board

PERSONAL DETAILS

Date of Birth   : December 6, 1985
Gender   : Male
Marital Status   : Married
Languages Known   : English, Hindi, and Rajasthani (Speak)
Father   : Mr. Ramesh Kumar Singh Pundir
Mother   : Mrs. Manorama Pundir
Nationality   : Indian
References   : On Request

I hereby declare that all the information given above is true at best of my knowledge.

Place: Jaipur   (ADITYA KUMAR SINGH PUNDIR)