



Dr. Lalit Kumar Wadhwa

Director - IQAC | Vishwakarma University, Pune

Ph.D. (Electronics Engineering), M.E. (Digital Systems), B.E. (E&TC) ·
LMISTE, MIETE

Former Director – Academics · Former Principal (two institutions)

MOBILE

+91 99752 73889

PERSONAL EMAIL

wadhwahalitkumar@gmail.com

OFFICIAL EMAIL

director.iqac@vupune.ac.in

01 PROFESSIONAL PROFILE

Institution builder and academic leader with **26+ years** of progressive experience in higher education — two principalships, academic and innovation directorships, and university-level quality assurance. Takes institutions from **establishment to accreditation and national ranking** through strategic planning, governance design, and accreditation and ranking strategy (**NBA, NAAC, DASCA, NIRF, THE, QS**). Deep command of **NEP 2020** and outcome-based education, backed by an E&TC research foundation and a record of building research, innovation and entrepreneurship ecosystems.

02 RESEARCH IMPACT

253

Citations

212 since 2021

8

h-index

8 since 2021

6

i10-index

6 since 2021

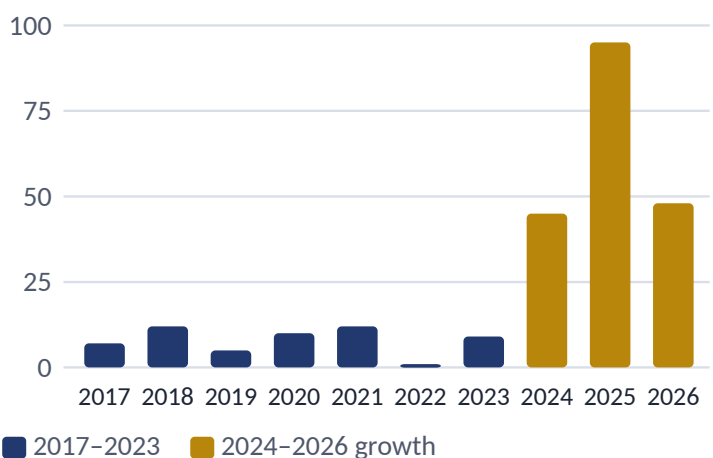
60+

Publications

20 indexed in
Scopus

Citations per year

Google Scholar



Source: Google Scholar, Oct 2026

03 AT A GLANCE

26+
YEARS

2
PRINCIPALSHIPS

60+
PUBLICATIONS

6
BOOKS

7
PATENTS

04 AREAS OF EXPERTISE

01

University Establishment

Strategic planning,
governance design,
proposal to
operations.

02

Accreditation

NBA, NAAC & DASCA
— SAR/SSR to peer-
team visits.

03

Rankings

NIRF, THE Impact
(Sustainability) & QS
strategy.

04

Quality Assurance

IQAC systems, audits
& faculty appraisal
frameworks.

05

OBE & NEP 2020

Curriculum design,
CO-PO attainment,
NEP rollout.

06

Innovation & E- Cells

IIC, entrepreneurship
cells, incubation
ecosystems.

05 PROFESSIONAL EXPERIENCE

2026 - PRESENT

Director - IQAC **CURRENT**
Vishwakarma University, Pune

JUN 2025 - 2026

Director - Academics
Dr. Sushant Patil Group of Institutes

DEC 2024 - MAY 2025

Director - Innovation & Ranking
Ajeenkya D Y Patil University, Pune

SEP 2022 - DEC 2024

Principal
Dr. D. Y. Patil Institute of Technology, Pimpri, Pune

MAR 2018 – SEP 2022	Principal Nutan Maharashtra Institute of Engineering & Technology, Pune
SEP 2017 – MAR 2018	Professor (E&TC) Dr. D. Y. Patil Institute of Technology, Pimpri
JAN 2015 – OCT 2017	Dean (F.E.) & Admission In-charge Dr. D. Y. Patil Institute of Technology, Pimpri
OCT 2011 – SEP 2017	Associate Professor (E&TC) Dr. D. Y. Patil Institute of Technology, Pimpri
AUG 2005 – SEP 2011	Assistant Professor Dr. D. Y. Patil Institute of Technology, Pimpri
OCT 2000 – JUL 2005	Lecturer (Electronics) Dr. D. Y. Patil Institute of Technology, Pimpri

06 EDUCATION

2016

Ph.D. (Electronics Engg.)

Indian Institute of Technology (ISM), Dhanbad

2000

M.E. (Digital Systems)

Government College of Engineering (COEP), Pune

1997

B.E. (E&TC)

BNCOE, Pusad, Amravati University

07 AWARDS & ACHIEVEMENTS

1. Awarded Ph.D. (Electronics Engineering) from IIT (ISM) Dhanbad and completed M.E. (Electronics – Digital Systems) from COEP, Pune.
2. Recipient of the **Singapore Educational Excellence Award 2023**.
3. Personally coordinated MoE Innovation Cell – **Institution's Innovation Council (IIC)** activities in AY 2024-25 for Dr. D. Y. Patil College of Engineering and Innovation and Dr. D. Y. Patil Institute of Management and Entrepreneur & Development, Varale; both institutions rose from very low ratings to **3-Star**.

4. Stood **FIRST** in the e-Yantra Robotics Teacher Competition-2013 held on April 10, 2014 at IIT Bombay.
5. Appreciation letter from the Principal, Dr. D. Y. Patil Institute of Technology, for remarkable contribution in the Teaching-Learning Process in 2013-14.
6. Certificate of Excellence from the Chairman, Dr. D. Y. Patil Institute of Technology, for publishing research papers and organizing & conducting workshops under the National Mission on Education through ICT (MHRD) and IIT Bombay, 19 May 2012.
7. Certificate of Excellence from the Director & Trustee, Dr. D. Y. Patil Institute of Technology, for co-coordinating the Workshop on MATLAB & its Applications, 29-31 December 2005.
8. Member of Local Management Committee (LMC, DIT), Member of Grievance Cell (DIT), SMC Member (GG International School) and Executive Member (IETE Pune Section).
9. Subject Expert member of Local Selection Committee appointed by SPPU; Assistant CAP Director (M.E., SPPU); Member of Vigilance Squad (SPPU); External Senior Supervisor.
10. Judge for e-PGPEX (Project Exhibition of M.E., SPPU) and DIPEX 2017 (State Level Engineering Project Competition); resource person in the field of embedded systems.
11. Organized / coordinated more than 15 workshops under the National Mission on Education through ICT (MHRD) and IIT Bombay.
12. Initiated and established Remote Center (RC 1063), e-Yantra Lab (IIT Bombay) and Aakash Tablet Center at DIT, Pimpri.
13. Worked as College Admission Coordinator, College Examination Officer (CEO) and Coordinator of ZION (Technical Event).
14. Lead coordinator for State and National Entrance Examinations (CAT, AIEEE, MHT-CET, Banking and MPSC examinations).
15. Led documentation and preparation for NBA and NAAC accreditation; later led NBA, NAAC, DASCA, NIRF, THE and QS strategy at university level.

● Accreditation & Ranking Frameworks

NBA

NAAC

DASCA

NIRF

THE

QS

NEP 2020

OBE

IIC

● Membership in Professional Bodies

Sr.	Particular	Year	Membership No.
1	IETE Life Membership	2005 onwards	LM177641
2	ISTE Life Membership	2017 onwards	LM116712
3	IETE Co-opted Member (IETE Pune Section)	2012 – 2014	IETE Pune Section
4	IETE Co-opted Member (IETE Pune Section)	2014 – 2015	IETE Pune Section

● Member – Advisory Boards

- Subhash InfraEngineers Pvt. Ltd., Gurugram (Haryana)
- Mount Olympus School, Gurugram (Haryana)

60+

Papers published

253

Citations

8

h-index

6

i10-index

Scopus ID: **56997043000** | Google Scholar ID: **lepB3RIAAAAJ**

● Journal Papers (36)

1. Shinde S., Kathole A., **Wadhwa L.**, Shaikh A.S., “Breaking the silence: Innovation in Wake word activation”, Multidisciplinary Science Journal, 6 (3), art. no. 899, 2024. DOI: 10.31893/multiscience.2024021.

2. Wagh K., Vasanth K., Shinde S., **Wadhwa L.**, Thakur A., "Emotion Identification using EEG Signal with Reduced Electrodes and Time Frequency Parameters", International Journal of Performability Engineering, 20 (2), pp. 99–111, 2024. DOI: 10.23940/ijpe.24.02.p5.99111.
3. Shende P., Shinde S., **Wadhwa L.**, Waghulde K., Pande A., Sonawane A., Shaikh A., "Soft computing approach for feature extraction of palm biometric", Multidisciplinary Science Journal, 6 (4), art. no. e2024049, 2024. DOI: 10.31893/multiscience.2024049.
4. Shinde S., **Wadhwa L.**, Bhalke D.G., Sherje N., Naik S., Kudale R., Mohnani K., "Identification of fake currency using soft computing", Multidisciplinary Science Journal, 6 (2), art. no. e2024018, 2024. DOI: 10.31893/multiscience.2024018.
5. Shinde S., Khoje S., Raj A., **Wadhwa L.**, Shaikh A.S., "Artificial Intelligence Approach for Terror Attacks Prediction Through Machine Learning", Multidisciplinary Science Journal, 6 (1), art. no. e2024011, 2024. DOI: 10.31893/multiscience.2024011.
6. Kathole A., Shinde S., **Wadhwa L.**, "Integrated MLOps and EEG techniques for enhanced crime detection and prevention", Multidisciplinary Science Journal, 6 (1), art. no. e2024009, 2024. DOI: 10.31893/multiscience.2024009.
7. Shinde S., **Wadhwa L.**, Rawandale S., Sherje N., Jadhav S., Biswas A., Gupta K., "Advanced adaptive cruise control and vehicle to vehicle communication using LiDAR", Multidisciplinary Science Journal, 6 (3), art. no. 921, 2024. DOI: 10.31893/multiscience.2024022.
8. Dhandapani L., Shinde S.B., **Wadhwa L.**, Hariramakrishnan P., Padmaja S.M., Devi Gurusamy M., Venkatarao M.K., Razia S., "A Deep Learning-Based Approach to Optimize Power Systems with Hybrid Renewable Energy Sources", Electric Power Components and Systems, 51 (16), pp. 1740–1755, 2023. DOI: 10.1080/15325008.2023.2202677.
9. Satish Kumar, Vaishali Thorat, **Lalitkumar Wadhwa**, "Efficient Routing Protocol Design Improves Performance of the Wireless Sensor Network", Webology, 19 (1), pp. 6292–6297, 2022.

10. D. G. Bhalke, **Lalit kumar Wadhwa**, "Student's Skills of Usage of Information and Communication Technology Tools", Elementary Education Online, 20 (1), pp. 7977, 2022.
11. **Lalit kumar Wadhwa**, D. G. Bhalke, "Role of ICT Tools in Teaching and Learning With Special Reference To India", Elementary Education Online, 20 (2), pp. 3577, 2022.
12. Satish Kumar, Vaishali Thorat, **Lalitkumar Wadhwa**, "Comparative Study of Design & Development of the Routing Protocol for Better Performance of the Wireless Sensor Network", International Journal of Advances in Engineering Research, 23 (3), pp. 1-9, 2022.
13. V. Thorat, **L Wadhwa**, "Improvement in Routing Protocol for WSN", International Journal of Engineering Applied Sciences and Technology, 6 (6), ISSN 2455-2143, pp. 143-145, 2021.
14. Vaishali Thorat, Satish Kumar, **Lalitkumar Wadhwa**, "Advanced Shortcut Tree Routing in Zigbee Which Improves Performance Parameters of the Network", Design Engineering, pp. 7237-7246, 2021.
15. S. Shinde, **LK Wadhwa**, "HAAR Cascade & Local Binary Pattern Histogram Approach for Real Time Face Recognition", Journal of Analysis and Computation (JAC), VI (I), pp. 4957-4964, 2019.
16. Sagar Shinde, **LK Wadhwa**, "Soft Computing Approaches for Recognition of Handwritten Math Equations", Journal of Emerging Technologies and Innovative Research (JETIR), 6 (6), pp. 1-8, 2019.
17. Sagar Shinde, **LK Wadhwa**, "Recognition of Handwritten Mathematical Equations: A Review", Journal of Emerging Technologies and Innovative Research (JETIR), 6 (6), pp. 267-271, 2019.
18. Sagar Shinde, **LK Wadhwa**, "IoT Approach for Intelligent Trickle Irrigation System & Fertilizing Solutions", Journal of Applied Science and Computations (JASC), VI (VI), pp. 3866-3877, 2019.
19. Abhijit Sutar, **Lalitkumar Wadhwa**, Sagar Shinde, "CANUSB Approach for Vehicle Health Monitoring with ECU Diagnostics Validator", Journal of Analysis and Computation (JAC), VI (VI), pp. 3857-3865, 2019.

20. Ankita Kulkarni, **Lalitkumar Wadhwa**, Sagar Shinde, "Recognition of Math Expressions using Soft Computing Approach", Journal of Applied Science and Computations (JASC), VI (VI), pp. 3845–3856, 2019.
21. S. Shinde, **LK Wadhwa**, "Real Time Detection, Controlling of Railway Accidents & Energy Consumption", Journal of Analysis and Computation (JAC), XI (I), Jan–Jul 2018.
22. Sagar Shinde, **Lalitkumar Wadhwa**, "A Smart Electronic System for Real Time Detection, Monitoring & Controlling Road Accidents", Journal of Analysis and Computation (JAC), XI (I), pp. 251–263, 2018.
23. Ankita Kulkarni, **Lalitkumar Wadhwa**, Sagar Shinde, "Computer Vision based Drowsiness Monitoring, Detection of Car Drivers & Controlling Accidents", Journal of Analysis and Computation (JAC), V (VI), pp. 969–984, 2018.
24. S. Shinde, **LK Wadhwa**, "Solid Waste Management through Automatic Garbage Monitoring and Collecting System", Journal of Analysis and Computation (JAC), XI (II), Jul–Dec 2017.
25. **L. K. Wadhwa**, Ashutosh Ranjan, Beauty Sharma, "An Energy Efficient Wireless Sensor Network by using Ternary with Silent Symbol Coding Techniques", International Journal of Engineering Science and Computing (IJESC), 7 (5), pp. 11572–11576, May 2017.
26. **L. K. Wadhwa**, Pallavi Sail, Saurabh Patel, Shelke S., "Energy Efficient Transmission Scheme for Wireless Sensor Network using Compression with Null Symbol (CNS)", International Journal of Advance Engineering and Research Development (IJAERD), 4 (5), pp. 177–180, May 2017.
27. **Wadhwa L.K.**, Deshpande R.S., Priye V., "Extended Shortcut Tree Routing for ZigBee based Wireless Sensor Network", Ad Hoc Networks (Elsevier), 37, pp. 295–300, 2016. DOI: 10.1016/j.adhoc.2015.08.025.
28. **L. K. Wadhwa**, Rashmi Deshpande, "Overview of ZigBee based WSN", International Journal of Science and Research (IJSR), 4 (5), pp. 442–445, 2015.
29. **L. K. Wadhwa**, Shardha Satpute, Tejshree, "Evaluation of Various Gas Mixtures in order to Avoid Disasters in Various Fire Zone Areas", International Journal of Computer Applications (IJCA), pp. 27–30, 2015.

30. Vishnu Priye, **Lalit Wadhwa**, Dheeraj Agrawal, "Coal Monitoring System Using CAN", International Journal of Latest Trends in Engineering and Technology (IJLTET), 3 (3), 2014.
31. **Lalit Kumar Wadhwa**, Vishnu Priye, Reshma Murildharan, Chitralekha Ruikar, "Real Time Location Tracking System for Metal Miners", International Journal of Future Computer and Communication, 3 (4), pp. 267–300, 2014.
32. **Lalit Kumar Wadhwa**, Hemangi Vinchurkar, Mugdha V. Patil, "Design and Implementation of Zero Standby Power System Using PIR Luminaire", Int. J. of Adv. Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), 3 (7), pp. 10581–10587, 2014.
33. Santosh Bharti, **Lalit Wadhwa**, "Content Based Image Retrieval Components: Color, Shape and Texture", Int. J. of Adv. Engineering and Global Technology (IJAEGT), 1 (3), pp. 303–307, 2013.
34. **L. K. Wadhwa**, Shardha Satpute, Vishnu Priye, "Real Time Positioning Using Trilateration Algorithm in ZigBee", National Journal of Innovation and Research, IETE, 1 (2), pp. 39–43, 2013.
35. **Lalit Wadhwa**, Vishnu Priye, "Safety Monitoring of Coal Mines based on CAN Technology", Int. J. on Recent Trends in Engineering and Technology, ACEEE, 7 (2), pp. 113–116, 2012.
36. **L. K. Wadhwa**, Vishnu Priye, "Real Time Tracking System for Underground Metal Miners", National Seminar on Underground Metal Mining: Status and Prospects (UMMSP), 2011.

● Conference Papers (18)

1. Maniyar K., Puri A., Pawar P., Patil V., Jadhav P., Patil G., Warke P., Sherje N., **Wadhwa L.**, "The comprehensive study for machining of metal matrix composites", AIP Conference Proceedings, 3196 (1), art. no. 040005, 2024. DOI: 10.1063/5.0227955.
2. Nirmala D., Ahila R., Rawat V., Gehlot A., Alkhhayat A.H., **Wadhwa L.**, "Advanced Control Techniques for High-Power Power Converters", E3S Web of Conferences, 540, art. no. 06002, 2024. DOI: 10.1051/e3sconf/202454006002.

3. Ravikar A., Joshi D.A., Menon R., **Wadhwa L.**, “Machine Learning-Based Prediction of Self-Healing Smart Concrete Properties”, E3S Web of Conferences, 559, art. no. 04033, 2024. DOI: 10.1051/e3sconf/202455904033.
4. Abbas A.H.R., Abdulaziz A., Alawadi A.H., Edwin Prabhakar P.B., Kumar C.S., **Wadhwa L.**, “Advancements in Sensorless Control Techniques for Electric Drives”, E3S Web of Conferences, 540, art. no. 02010, 2024. DOI: 10.1051/e3sconf/202454002010.
5. Shinde S., **Wadhwa L.**, Naik S., Kudale R., Sherje N., Mohnani K., “Fake Currency Detection using Image Processing”, 7th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2023). DOI: 10.1109/ICCUBEA58933.2023.10392045.
6. Shinde S., **Wadhwa L.**, Mohane N., Pagar V., Sherje N., Mane S., “Stock Price Prediction using LSTM”, 7th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2023). DOI: 10.1109/ICCUBEA58933.2023.10392023.
7. Patil S., Joshi D.A., Menon R., **Wadhwa L.K.**, “Environmental Impact Assessment of fly ash and GGBS based Geopolymer Concrete in Road Construction”, E3S Web of Conferences, 405, art. no. 03021, 2023. DOI: 10.1051/e3sconf/202340503021.
8. Sawant R., Joshi D.A., Menon R., **Wadhwa L.K.**, “Identification of Sustainability factors of Self-Compacting Geopolymer Concrete for precast construction using SEM”, E3S Web of Conferences, 405, art. no. 04031, 2023. DOI: 10.1051/e3sconf/202340504031.
9. Deotare V., Padole D., **Wadhwa L.**, “Parameter Dependencies and Optimization of True Random Number Generator (TRNG) using Genetic Algorithm (GA)”, 8th International Conference on Smart Computing and Communications (ICSCC 2021), pp. 235–239, 2021. DOI: 10.1109/ICSCC51209.2021.9528264.
10. Shinde S., **Wadhwa L.**, Bhalke D., “Feedforward back propagation neural network (FFBPNN) based approach for the identification of handwritten math equations”, Advances in Intelligent Systems and Computing, 1200 AISC, pp. 757–775, 2021. DOI: 10.1007/978-3-030-51859-2_69.

11. A. Pande, D. Y. V. Joshi, D. M. Joshi, **L Wadhwa**, "Optimal Tree Structure for Secure Group Communication Using LKH Approach", 2nd International Conference on Communication & Information Processing (ICCIP), June 2020.
12. **Lalit Kumar Wadhwa**, Vishnu Priye, Reshma Murildharan, Chitralkha Ruikar, "Real Time Location Tracking System for Metal Miners (E586)", International Conference on Electronics Computer Technology (ICECT 2012), Kanyakumari, April 2012.
13. **L. K. Wadhwa**, Shardha Satpute, "Evaluation of Various Gas Mixtures in Order to Avoid Disasters in Fire Zone Areas", 56th Annual Technical Convention and National Conference, IETE, Mumbai, ISBN 978-81-927704-0-6, Sep 2013.
14. **L. K. Wadhwa**, Shardha Satpute, "Real Time Position Tracking Using ZigBee", IETE, 2012.
15. **L.K. Wadhwa**, Shardha Satpute, "RSSI based Algorithm for Indoor Localization using ZigBee", National Conference on Emerging Trends in Engineering, Science, Technology and Management, RSCOE, Pune, 2012.
16. "Overview of Wireless Sensor Network", National Conference on Wireless Technologies, DYPIET, Pune, 2008.
17. "Investigation of radiated emission from typical electronic equipment/circuits & development of suitable remedies to minimize the radiation", Innovation 2008, Conference for Engineering Teachers, Pune.
18. "Effective Rural Broadband Wireless Access", National Seminar on Broadband Communication in Indian Scenario, IETE, 6-7 August 2005.

● Books & Book Chapters

Sr.	Type	Title	Year	Publisher
1	Book	Information Theory and Coding Technology	2023	Eliva Press
2	Book Chapter	Terror attacks forecast using machine learning and neo4j sandbox: A review	2024	Taylor & Francis

Sr.	Type	Title	Year	Publisher
3	Book	Analog Communication	2005	Nirali Prakashan
4	Book	Principles of Communication Engineering	2005	Nirali Prakashan
5	Book	Voice Network	2005	Nirali Prakashan

● Patents Published

- 1 Smart Bottle Using Bluetooth Module**
Application No. 202221054222 | Publication Date: 30/09/2022
- 2 Contactless Infected Surface Detecting System, Device and Method**
Application No. 202121008303 | Publication Date: 02/09/2022
- 3 Salt Intake Control System and Method Using Digital Measuring Spoon with Blood Pressure Meter**
Application No. 202121008304 | Publication Date: 02/09/2022
- 4 An Electric Auto Toggle Holder**
Application No. 202121057198 | Publication Date: 03/06/2022
- 5 Navigation System Using Computer Vision with Machine Learning and Artificial Intelligence for People with Visual Impairments**
Application No. 202121035707 | Publication Date: 31/12/2021

10 TRAINING & PROFESSIONAL DEVELOPMENT

● Industrial Training

Sr.	Program	Particular	Duration	Organization
1	Soft Skills Training Program	Certificate of Participation	17 – 22 Dec 2006	Infosys Technologies, Pune
2	Embedded Linux	Certificate of Participation	5 – 6 Aug 2011	Oasis Technologies Pvt. Ltd.
3	Computer Networks	Certificate of Participation	17 – 24 Jan 2006	KarROX Tech. Ltd., Swargate, Pune

● Workshops / Sessions Conducted as Resource Person

Sr.	Program	Role	Date	Organization
1	Workshop on Unified Vision & Leadership	Resource Person	Jun – Jul 2024	Dr. D. Y. Patil Institute of Technology; Dr. D. Y. Patil Institute of Pharmaceutical Sciences & Research; Dr. D. Y. Patil Institute of Management & Research
2	Session on New Education Policy (NEP 2020)	Resource Person	Jun 2024	Dr. D. Y. Patil Institute of Technology
3	Session on E-Learning Library for Enhancing Engineering Education	Resource Person	Jul 2024	IEEE-EBSCO Knowledge Feast
4	Workshop on AI Tools	Resource Person	Sep 2024	Dr. D. Y. Patil Arts, Commerce & Science College

● IIT Workshops Conducted / Organized (Remote Center RC1063)

Sr.	Workshop	Particular	Date	Organization
1	Introduction to Research Methodologies for Coordinators	Certificate of Participation	9 – 15 Jun 2012	IIT Bombay
2	Introduction to Research Methodologies	Workshop Coordinator	25 Jun – 4 Jul 2012	IIT Bombay (RC1063)
3	Control Systems	Remote Center & Workshop Coordinator	2 – 12 Dec 2014	IIT Kharagpur (RC1063)
4	Control Systems	One-Week Coordinators' Workshop	15 – 19 Sep 2014	IIT Kharagpur

Sr.	Workshop	Particular	Date	Organization
5	Analog Electronics	Remote Center Coordinator	4 – 14 Jun 2013	IIT Kharagpur (RC1063)
6	Database Management Systems	Remote Center Coordinator	21 – 31 May 2013	IIT Bombay (RC1063)
7	Engineering Mechanics	Remote Center Coordinator	26 Nov – 6 Dec 2013	IIT Bombay (RC1063)
8	Computer Programming	Remote Center Coordinator	20 May – 15 Jun; 16 – 21 Jun	IIT Bombay (RC1063)
9	Signals and Systems	Remote Center Coordinator	2 – 12 Jan 2014	IIT Kharagpur (RC1063)
10	Engineering Thermodynamics	Remote Center Coordinator	11 – 21 Dec 2012	IIT Bombay (RC1063)
11	Computer Networking	Remote Center Coordinator	30 Jun – 5 Jul 2014	IIT Bombay (RC1063)

● e-Yantra Robotics & Aakash (IIT Bombay)

Sr.	Workshop	Particular	Date	Organization
1	Introduction to Robotics	Certificate of Participation	10 – 11 Dec 2013	MIT AOE, Alandi & e-Yantra IITB
2	e-Yantra Robotics Teacher Competition-2013	Certificate of Completion	12 – 13 Apr 2014	ERTS Lab (e-Yantra IITB)
3	Aakash for Education	Certificate of Participation	10 – 11 Nov 2012	IIT Bombay & RC1063

● Workshops / STTPs / Seminars Attended

Sr.	Program	Particular	Date	Organization
1	Emerging Trends in Speech Signal Processing (one-week STTP)	Certificate of Participation	15 – 19 Jan 2015	AISSMS IOIT, Pune

Sr.	Program	Particular	Date	Organization
2	Research Symposia 2010 (National Seminar)	Certificate of Participation	25 – 26 Mar 2010	DYPIET, Pimpri, Pune
3	Perspectives on the Grand Challenges for Engineering (IUCEE Program)	Certificate of Participation	5 – 7 Jul 2012	DYPIET, Pimpri, Pune
4	Tutorial on 3G Cellular Technology (IETE Program)	Certificate of Participation	8 Jan 2010	IETE, Pune
5	National Conference on Wireless Technologies (NCWT-2008)	Participation & Paper Presentation	29 – 31 Dec 2008	DYPIET, Pune
6	Signal Processing Applications with MATLAB (ISTE one-week STTP)	Certificate of Completion	27 – 31 Dec 2010	Annasaheb Dange College of Engineering & Technology, Ashta
7	Broadband Communications in Indian Scenario (National Seminar)	Certificate of Participation	6 – 7 Aug 2005	IETE, Pune
8	Innovation 2008-09 (Regional Conference for Pune University College Teachers)	Participation & Paper Presentation	17 – 18 Nov 2008	SCOE, Pune
9	NBA 2nd World Summit on Accreditation (WOSA 2014)	Certificate of Participation	8 – 10 Mar 2014	NBA, New Delhi
10	National Conference on Wireless Technologies, 3G Cellular Network Services and Applications	Certificate of Participation	9 – 10 Jan 2010	IETE, Pune
11	Broadcast Technologies (Tutorial cum Seminar)	Certificate of Participation	5 Feb 2006	IETE, Pune
12	Software Defined Radios (STTP)	Certificate of Completion	12 – 19 Jun 2006	RSCOE, Pune

Sr.	Program	Particular	Date	Organization
13	Nanotechnology and its Applications in Electronics Engineering	Certificate of Participation	15 – 16 Dec 2016	AISSMS IOIT, Pune
14	National Conference on Information & Communication Technology (NCICT-2011)	Certificate of Participation	26 – 27 May 2011	RSCOE, Pune
15	32nd Annual Convention and National Seminar of ISTE	Certificate of Participation	27 – 29 Dec 2002	NMAM Institute of Technology, Nitte
16	Open Source Technologies for Engineering Applications and Research (2-week STTP)	Certificate of Participation	7 – 17 Dec 2015	College of Engineering and Technology, Babhulgaon, Akola

11 TECHNICAL SKILLS

- Development & design based on microprocessors and microcontrollers
- Embedded systems (ARM processors, RTOS)
- Analog filter design
- Digital communication, information theory and coding techniques
- **Software:** Embedded RTOS (VxWorks), Windows, DOS · ANSI C, HTML, Assembly (8085, 8051), Keil IDE · NS2 simulation

Name	Dr. Lalit Kumar Wadhwa
Date of Birth	15-06-1973
Place of Birth	Sri Ganganagar, Rajasthan
Gender	Male
Blood Group	B+
Nationality	Indian
Marital Status	Married
Father's Name	Shri. Prabhudayal Wadhwa
Mother's Name	Smt. Shukantla Devi Wadhwa
Spouse's Name	Mrs. Sandhya Wadhwa
Languages	English, Hindi, Punjabi
Present Address	Apartment 1505, Wing 1, Zenith, Kalpataru Exquisite, Wakad, Pune - 411057, Maharashtra

PASSPORT DETAILS

PASSPORT NO.	PLACE OF ISSUE	DATE OF ISSUE	VALID UNTIL
AL524590	Pune	10-12-2025	09-12-2035

Declaration: I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Place: Pune

Date: _____

Dr. Lalit Kumar Wadhwa