

# MEDICAPS UNIVERSITY, INDORE

Date: 01/10/25

## Joining Report

With reference to appointment Letter No. **MU/RO/CDOE/OL/T/2025-26/01**, I (full name) Prof. (Dr.) Sayrah Jain Have joined the duty of (post) Director CDOE in the CDOE Department on (date) 01/10/25 FN/AN.

  
Employee 01/10/25

  
Registrar

  
Pro Vice Chancellor 10/11/25

Approved by  
  
Vice-Chancellor

**OFFER OF APPOINTMENT****MU/RO/CDOE/OL/T/2025-26/001****Dated: 01.10.2025****Dear Dr. Saurabh Jain**

I am extremely delighted to inform you that the selection committee has recommended your application for the post of **Director, Centre for Distance and Online Education (CDOE)** at Medicaps University, Indore. The recommendation has received the approval of the competent authority.

Additionally, you will look after the duties of Director, Centre for Internal Quality Assurance (CIQA) under the Centre of Distance and Online Education (CDOE).

The terms & conditions of the appointment are available with HR Department.

With warm regards and best wishes,

Yours sincerely,

  
11/10/25  
**Registrar**  




## **Dr. Saurabh Jain**

**Ph.D, M.Tech, B.E**

21-B, Brijeshwari Annex, Bengali Square, Indore – 452001, M.P., India.

Email: saurabh030977@gmail.com, Mobile: +91-9827327255

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### **Summary**

- Accomplished Academician, Administrator and Management professional with almost 3 decades of experience in education enterprises.
- Proficiency in Outcome Based Education (OBE) for educational institutions
- An expert in quality assurance and Accreditation
- Having a combination of skills, experience and expertise to help run and excel any educational institute.
- Proven experience in managing professional institutions.
- A Ph. D in Electronics Engineering with an aptitude to excel in difficult and challenging conditions
- Author of 2 textbooks in engineering
- Research Supervisor of few engineering PG students
- Referred research publications

### **Core competency**

- Quality control and Quality Assurance in Higher education
- Expertise in Program Accreditations
- Development and implementation of administrative policies, and regulations of university/Institution
- Development of sustainable contemporary course/programs
- Hybrid and Online Course Development
- Capability to understand and manage the teaching and learning process
- Coordination with all stakeholders of the institute
- Aptitude to comprehend and implement the strategic plan of the University
- Ability to handle Students' community

### **Key administrative skills**

- Decision making and effective delegation
- Excellent interpersonal skills and competences
- Good communication skills and public relations
- Working to tight deadlines
- Multi-tasking

**Personal Details**


**Date of Birth** : 03-06-1977  
**Father's Name** : Dharam Chand Jain  
**Permanent Address (Correspondence)** : 21-B, Brijeshwari Annex, Bengali Square, Indore (M.P.) PIN-452016  
**Sex** : Male  
**Nationality** : Indian  
**Contact No.** : +91-9827327255  
**E-mail** : saurabh030977@gmail.com

**Educational Qualifications**

S.N o.	Examination	Board / University	Year	Percentage, Division	Subject/Specialization
1	Ph. D.	Bhagwant University, Ajmer, India	2017	Awarded-September 2017	Construction of 3-Phase Power Grid Prototype and Stability Study
2	M. Tech.	Motilal Nehru National Institute of Technology (MNNIT), Allahabad, India	Jan 2003	75.02%, I Division with Honours	Control & Instrumentation
3	B.E.	Pt. Ravishankar Shukla University, Raipur, India	2000	68.9%, I Division	Electronics & Telecommunication Engineering
4	Higher Secondary School Certificate	M.P. Board, Bhopal, India	1995	72.0% I Division	Physics, Chemistry, Mathematics
5	High School Certificate	M.P. Board, Bhopal, India	1993	84.2% I Division	Science, Mathematics

**Specialization: Control System Engineering**

**Note: GATE qualified, 91.69 percentile in GATE-2001 in Electronics Communication Engineering, All India Rank -641**





## Experience (Details of Present and Previous Employment)

Twenty-Five years of teaching experience in engineering colleges or universities

S.No.	College	Department	Post	Tenure
1	Medi-Caps University, Indore	Centre for Distance and Online Education	Director, Centre for Distance and Online Education	Oct 01, 2025 onwards
2	Medi-Caps University, Indore	Electronics and Communication Engineering	Associate Professor, Electronics Engineering, Prof. In-Charge Career Development Centre, Prof. In-charge Competitive Examinations Guidance Cell, Coordinator IQAC of the University	March 01, 2018, to Sep 30, 2025
3	Swami Vivekanand College of Engineering, Indore	Electronics & Communication Engineering	Associate Professor, Head of Department of Electronics Engineering, Examination Controller and Academic & Accreditation Coordinator (Institute level)	Dec. 01, 2012 to Feb 28, 2018
4	Sanghvi Innovative Academy, Indore	Electronics & Communication Engineering	Assistant Professor, Head of Department of Electronics & Communication Engineering, Prof. In-charge Examinations and Academic & Accreditation Coordinator (Institute level)	March 01, 2012 to Nov. 15, 2012
			Assistant Professor, Head of Department of Electronics & Communication Engineering & Prof. In-charge Examinations	August 01, 2008 to Feb.29,2012
5	Rishiraj Institute of Technology, Indore	Electronics & Communication and Electronics & Instrumentation Engineering	Assistant Professor & Head of Department of Electronics & Communication and Electronics & Instrumentation Engineering	May 15, 2007 to July 31, 2008
6	Shri Vaishnav Institute of Technology & Science, Indore	Electronics Engineering	Lecturer and Prof. In-charge Projects	February 25, 2004 to May 14, 2007
	Thakral College of	Instrumentation	Lecturer & Head of Department of	January 08, 2004

7	Technology, Bhopal	and Control Engineering	Instrumentation and Control Engineering	to February 24, 2004
8	RKDF Institute of Science & Technology, Bhopal	Instrumentation and Control Engineering	Lecturer & Head of The Department of Instrumentation and Control Engineering	April 01, 2003 to November 19, 2003
9	Motilal Nehru National	Electrical	Guest Lecturer	July 01, 2002 to
	Institute of Technology, Allahabad	Engineering		March 31, 2003
10	Raipur Institute of Technology, Raipur	Electronics Engineering	Lecturer	July 01, 2000 to June 30, 2001

**Teaching experience (Evening Classes): Three Years**

S.No.	College	Department	Post	Tenure
1	Institute of Engineering & Technology, DAVV Indore	Electronics & Telecommunication Engineering	Visiting Faculty [Evening Classes for Master of Engineering (Part- time)- Digital Communication]	Jan 2012 to Dec 2014

**Research**

- Instrumental in starting M.Tech. Programs
- Guided six PG thesis
- Guided many UG projects
- Project In-charge of UG projects for Electronics & Communication Engineering and Electronics & Instrumentation Engineering from 2004 to 2008 in SVITS Indore, India& RIT, Indore India
- Advised on one AICTE Staff Development Program Project at SIA Indore

**Research Publications**

**International Journals (Published)**

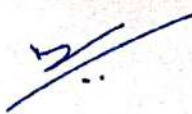
1. Saurabh Jain, Madhur A. Sinha, Dr. Anand Khare, "Construction of 3-Phase Grid Prototype", International Journal of Research in Engineering & Advanced Technology (IJREAT), Volume 4, Issue 3, June – July 2016, pp. 42-50.
2. Saurabh Jain, Dr. Anand Khare, "Stability Monitoring & Control on the Grid Prototype", International Journal of Research in Engineering & Advanced Technology (IJREAT), Volume 4, Issue 3, Aug – Sept 2016, pp. 94-110.
3. Saurabh Jain, Dr. V. K. Sharma, Dr. Anand Khare, "Power Grid Stability Monitoring and Control Using UPFC & SCADA", International Journal of Scientific Engineering and Technology Research (IJSETR), Volume 6, Issue 10, March 2017, pp. 1988-2005
4. Saurabh Jain, Dr. V. K. Sharma, Dr. Anand Khare, "Digital Numerical Distance Relay and SCADA Implementation on 3-Phase Grid Prototype", International Journal of Scientific Engineering and Technology Research (IJSETR), Volume 6, Issue 11, March 2017, pp. 2222-2228
5. D. S. Bais, Vibha Tiwari, Savita Kolhe, Saurabh Jain "IoT and AI Enabled Framework to Monitor Soil and Crop Health for Sustainable Development in Precision Farming-A Study", Biological Forum-An International Journal, Volume 15, Issue 2, February 2023, pp. 742-749

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6. Saurabh Jain, "Deep Learning-Assisted Urea Detection for Water Quality Monitoring: An Optimization Perspective", Measurement: Sensors, Manuscript Id: MEASEN-D-24-00687, Scopus Indexed, Quartile: Q2
  7. Sakshi Sobti, Saurabh Jain; Arunkumar Devalapura Thimmappa; Shaikh Adil; Lovish Dhingra; Ernest Ravindran, "Improving Blood Pressure Rate Measurement Accuracy with Deep Learning-based Sensor Fusion and Feature Selection", Measurement: Sensors, Manuscript Id: MEASEN-D-24-00695, Scopus Indexed, Quartile: Q2
  8. Smitha Sasi, Saurabh Jain, Tejal Patel, Karthikeyan M.P., Bharat Bhushan, Abhinav Rathour, Anvesha Garg, "Optimizing Energy Efficiency in 5G Massive MIMO Using FP-OEA+ADE: A Hybrid Evolutionary Approach", Internet Technology Letters, Manuscript Id: ITL-25-0169, Scopus Indexed, Quartile: Q3
  9. Mailybayeva, Saurabh Jain, Jaspreet Sidhu, Nitish Vashisht, Narmadha Thangarasu, Saumya Goyal, "A Novel Machine Learning Architecture for Traffic Grooming and Resource Optimization in 5G Optical Fronthaul", Internet Technology Letters, Manuscript Id: ITL-24-0496, Scopus Indexed, Quartile: Q3
  10. Jameela Alkrimi, Saurabh Jain, Udit Goyal, "Developing the Effectiveness of 128-QAM RoF Network to Reduce Nonlinear Behaviour", Internet Technology Letters, Manuscript Id: ITL-24-0408, Scopus Indexed, Quartile: Q3
  11. Jameela Alkrimi, Saurabh Jain, Udit Goyal, "Developing 128-QAM RoF Network", Internet Technology Letters, Manuscript Id: ITL-24-0409, Scopus Indexed, Quartile: Q3

#### Patents (Published)

1. Saurabh Jain, Devendra Singh Bais, Puja Singh, Priya Rathore, "AI-Driven Precision Agriculture System Leveraging Data Analytics for Crop Yield Optimization", 202521026611 A, The Patent Office Journal No. 14/2025 dated 04/04/2025.
  2. Devendra Singh Bais, Saurabh Jain, Priya Rathore, Puja Singh, "AI-Driven Energy Harvesting System for Sustainable Powering of Wireless Sensors", 202521026612 A, The Patent Office Journal No. 14/2025 dated 04/04/2025.
  3. Puja Singh, Jaiveer Singh, Priya Rathore, Saurabh Jain, Devendra Singh Bais, "Laser-Based Optical Communication System for Ultra-high Speed and Long-Distance Data Transfer, 202521026303 A, The Patent Office Journal No. 14/2025 dated 04/04/2025.
  4. Priya Rathore, Hitesh Ninama, Jayesh Dabi, Hemant Verma, Devendra Mandloi, Mohit Verma, Tarjani Sevak, Puja Singh, Saurabh Jain, Devendra Singh Bais, "AI-Optimized Network Management Platform for Enhanced Performance in 6G Telecommunications", 202521026304 A, The Patent Office Journal No. 14/2025 dated 04/04/2025.
  5. Devendra Singh Bais, Vibha Tiwari, Savita Kolhe, Binod Mishra, Saurabh Jain, "IOT-Driven Precision Farming: Monitoring Soil and Crop Health to Prevent Physiological Disorders", 202411066552, The Patent Office No. 2024, dated 29/09/2024.
  6. Saurabh Jain, Devendra Singh Bais, Priya Rathore, Puja Singh, "Piezoelectric Energy Harvesting Device for Wearable Electronics and Health Monitoring"
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### **Awards Received**

- Merit Scholarship holder for one year during 1993-1994 at SSC level with A++ grade
- Merit Scholarship holder for 18 months during 2001-2003 at Post Graduate level
- Best Faculty award for three years by SIA Indore during 2009-2012
- Topper amongst students of all branches of Saraswati Vidya Mandir in India at V Std.

### **Honours**

- Keynote Speaker
- Session Chair
- Rapporteur
- General Secretary of school
- Prizes in various Essay-writing, Debate, Quiz, General Knowledge, Singing competitions up to national level during schooling & college
- Presentation in Science Seminars up to state level during schooling
- State level player of Cricket, Badminton, Table Tennis, Javelin throw, Shot Put, Disk Throw at Sub Junior level during schooling

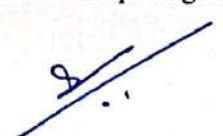
### **Books Publication**

- Saurabh Jain, L. P. Singh "Automatic Control Systems: Theory & Applications", Satya Prakashan, New Delhi, 2006.
- Jay Kulkarni, Saurabh Jain "Comprehensive Electronics Engineering Lab Manual", Integrity Education Publication, New Delhi, 2023.

### **Video lectures**

- Five video lectures on the "Alternating Current Bridges" on YouTube in association with Dr. R.S. Tare.
- Video lecture series on "Control System Engineering" and "Electric Network Analysis" are ongoing under TEQIP (Technical Education Quality Improvement Programme) with Rajiv Gandhi Technical University, Bhopal.

### **Other Academic Related Activities**

- Convened three-day state level workshop on "Recent Trends in Electronics, Communication and Instrumentation Engineering (RTECIE-2008)" on February 26-28, 2008, at RIT Indore.
  - Convened three-day state level symposium/workshop on "Recent Trends in Electronics and Communication Engineering (RTECE-2010)" on March 21-23, 2010, at SIA Indore.
  - Convened one day national level conference on "Advances in Electrical and Electronics & Communication Engineering (AEECE-2014)" on February 15, 2014, at SVCE Indore.
  - Convened two-day national level conference on "Advances in Electronics and Communication Engineering (AECE-2013)", during March 15-16, 2013, at SVCE Indore.
  - Organised a three-day Tech Fest for academicians and students, held during September 2010 at SIA Indore.
  - Organised a three-day Tech Fest for academicians and students, held during February 2008 at RIT Indore.
  - Attended many seminars/workshops organized by IITs, NITTTR, NITs and state level engineering colleges.
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**List of Workshops/Conferences Attended (Partial)**

S.No.	Title of the Conference/Workshop	Dates	Venue	Organized by
1	Patent Awareness	November 25, 2002	Motilal Nehru National Inst. of Technology (MNNIT), Allahabad	Patent Office, Ministry of Commerce and Industry, GOI, New Delhi
2	Test and Measuring Instruments	June 25-26, 2004	Shri Vaishnav Institute of Technology & Science (SVITS), Indore	Sciencetech Technologies Pvt. Ltd., Indore
3	ARM-Microcontrollers	September 15-16, 2006	Shri Vaishnav Institute of Technology & Science (SVITS), Indore	Shri Vaishnav Institute of Technology & Science (SVITS), Indore
4	Advance Antenna Design Techniques and Microwave Engineering	June 4-5, 2009	Sanghvi Institute of Management & Science (SIMS), Indore	FEKO & ni2designs
5	CMOS Layout Designing and Simulation using MICROWIND	June 2-3, 2009	Sanghvi Institute of Management & Science (SIMS), Indore	MICROWIND & ni2designs
6	Quality Assessment and NAAC	July 21, 2012	Shri Vaishnav College of Commerce, Indore	Shri Vaishnav College of Commerce, Indore
7	SCILAB	September 9-14, 2013	Swami Vivekanand College of Engineering (SVCE), Indore	IIT Kharagpur
8	TEQIP-III sponsored FDP on Electromagnetic Field Theory	June 11-15, 2018	Swami Vivekanand College of Engineering (SVCE), Indore	Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal and Swami Vivekanand College

				of Engineering (SVCE), Indore
9	TEQIP-III sponsored FDP on Communication Systems	August 6-10, 2018	Medi-Caps Institute of Technology & Management, Indore	Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal and Swami Vivekanand College of Engineering (SVCE), Indore
10	Workshop on Machine Learning	December 13-15, 2018	Indian Institute of Technology (IIT), Indore	Indian Institute of Technology (IIT), Indore
11	Universal Human Values	2019	Medi-Caps university	UGC & Medi-Caps university

#### List of Continuing Education Programs Attended (Partial)

S.N	Title of the Program	Dates	Venue	Organized by
1	Induction Training Program on Teaching Methodology	August 16-21, 2004	TTTI, Bhopal	TTTI, Bhopal
2	Induction Training Program through ICT (AICTE recognized Short Term Course)	December 9-13, 2013	Swami Vivekanand College of Engineering (SVCE), Indore	NITTTR, Chandigarh
3	Mission 10X Engineering Faculty Workshop	January 12-14, 2016	Chameli Devi Group of Institutions (CDGI), Indore	Wipro Technologies

#### Administrative Experience

- Superintendent of UG/PG/Diploma Examinations for 8 years (4.5 years at SIA and approx. 3.5 years at SVCE)
- Senior Superintendent of UG/PG Examinations for 1 year (At SIA)
- Prof. In-charge Examinations for entrance Examinations like IIT-JEE, MPPET, MPPAT, GATE and MPPSC for 4.5 years (At SIA)
- Director In-charge for 2 years (At SIA)
- Head of the Department for 10.3 years (1 year at RKDFIST, TCT; 1.3 years at RIT, 4.4 years at SIA, 3.6 years at SVCE)
- Academic Coordinator (Institute Level) for 5 years (2 years at SIA, 3 years at SVCE)
- Accreditation Coordinator (Institute Level) for 8 years (4 years at SIA, 3 years at SVCE, 1 year at MU)
- Chairman of Academic Council (Institute Level) for 5 years (4 years at SIA, 1 year at SVCE)
- Chairman of Proctorial Board (Institute Level) for 4 years at SIA
- Chairman of Purchase committee (Institute Level) for 5 years (4 years at SIA and 1 year at RIT)
- Chairman of Library committee (Institute Level) for 4 years (at SIA)
- Chairman of Anti-Ragging committee (Institute Level) for 5 years (4 years at SIA and 1 year at RIT)
- Chairman of Sports committee (Institute Level) for 2 years (at SIA)
- Chairman of Cultural committee (Institute Level) for 2 years (at SIA)



- Project In-charge (Department Level) for 2 years (at SVITS)
- Seminar In-charge (Department Level) for 7 years (at SVITS, RIT, SIA and SVCE)
- Training In-Charge (Institute Level) for 4 years (at RIT, SIA and SVCE)
- Tour In-charge (Institute Level) for 2 years at SIA

**Name and Address of Referees**

1. Dr. Vishal Soni, Professor, Medicaps University, Indore, Mob. No.: +91-7566292305, email: drvishal.soni@inurture.co.in
2. Dr. Rajendra Tare, Retired Professor, Department of Electrical Engineering, SGSITS, Indore. Mob. No: +91-9826725380, Email: rstare@rediffmail.com

**Place:**

**Date:**

**Dr. Saurabh Jain**

