

# RESUME

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## **(Dr.) Mahesh Kr. Porwal**

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### **Objective:**

To achieve a challenging position as an Engineer in contributing to success of an Organization with Advancements in future growth.

### **Educational Qualifications:**

- CMI Level 5 Certificate in Management and Leadership  
From Chartered Management Institute (CMI) London, UK in 2018.
- PhD (Electronics and Communication Engineering)  
Mewar University, Chittorgarh in January- 2016
- PhD (Electronics Engineering and Communications)  
From Lorenz University, USA in December – 2012.
- M.E. (Electronics & Telecommunication Engineering)  
From Sh. G.S. Institute of Technology and Science Indore (MP) with Honors in Year 2008.
- B.E. (Electronics & Telecommunication Engineering)  
From Mandsaur Institute of Technology Mandsaur (M.P.) with First Division in Year 2000.
- Diploma in Advanced Computing (C-DAC) (Software)  
From Gateway Education & Training center, Ahmedabad in Year 2001.

### **Work Experience: 20 Years**

- Working as **Dean (R&D) and Professor** at **Sree Chaitanya College of Engineering, Karimnagar (Telangana)** since 01-Feb-17
- Worked as a **Principal** at Shrinathji Institute of Technology & Engineering, Nathdwara (Rajasthan) from 17-Oct-15 to 31-Jan-17.
- Worked as a **Professor** in Electronics and Communication at Shrinathji Institute of Technology & Engineering, Nathdwara (Raj.) from April-13 to Oct-15.
- Worked as an **Associate Professor** in Department of Electronics and Communication at Shrinathji Institute of Technology & Engineering, Nathdwara from 17-Nov-08 to March-13.
- Worked as a **Lecturer (Selection Scale)** in Department of Electronics & Communication Engineering at Sanghavi Institute of Mgmt. & Science Indore (MP) from 18-Aug-06 to 30-Oct-08.
- Worked as a **Lecturer** in Department of Electronics & Communication at MIT Mandsaur (M.P.) from 09 August 2001 to 17 August 2006.

## Achievements

1. **Gate Qualified and secured all India rank (AIR) 379.**
2. Got the scholarship from MHRD to pursue Higher Education.
3. Got PG Degree (Master of Engineering) with Honors.
4. **Member of AICTE, inspection and visiting committee to visit the institutions.**
5. Honored as “**Margadarshak/Mentor**” by AICTE & MHRD to guide the institutions which are yet to get NBA accreditation.
6. Selected for AICTE-UKIERI Technical Education Leadership Development Program (TELDP), a research collaboration of India and British Council UK Govt. under UK-India Education & Research Initiative.
7. Established Entrepreneurship Development Cell, sponsored from All India Council for Technical Education [AICTE], New Delhi
8. Received funds from DST, MHRD, IIT, EDI, MNRE, AICTE, UGC, IEI, IEEE, MeitY, Central Govt. and many more.
9. Under my guidance Shrinathji Institute of Technology & Engineering (SITE), Nathdwara got **Accreditation in ECE and EEE**, Accredited by The Institutions of Engineers [IEI], Kolkata
10. Established Aakash research laboratory at SITE sponsored by IIT Bombay and MHRD, Govt of India, New Delhi
11. Established ROBOTICS Lab under E-Yantra project of IIT Bombay, sponsored by MHRD, Govt. of India, New Delhi.
12. Established Remote Centre of IIT, Bombay, IIT Kharagpur, IIT Madras and NITTTR Chandigarh at SITE, Nathdwara
13. Open and established IEEE, IEI, ISTE, IETE Chapters at SITE, Nathdwara
14. For Promoting Education in the remote area of Rajasthan, contemporaneous **President of India** Mrs. Pratibha Patil awarded the MD of SITE, Nathdwara.
15. Established International linkage: IUCEE, Collaboration with MIT, USA
16. **Under my guidance SITE received Third Best Engineering College student chapter Award in all over India awarded by “The Institutions of Engineers - India, Kolkata” and honored by Governor of Karnataka in year 2012-13.**
17. Under my guidance large number of students received Scholarship from LIC, NTPC, IEI, IOCL, AICTE, UGC, CM Higher Education etc.
18. Received 300+ Aakash Tablet from MHRD and distribute to faculty members & students for their Project and Study.

## **Professional/ Society Membership**

1. Executive Committee Member of **The Institutions of Engineers (India)** Local Center Udaipur Electronics and Telecommunication Engg Division for 2015-17.
2. Fellow Member of The Institution of Engineers (India) **(IEI) (F-124844-4)**
3. Fellow Member of Institution of Electronics and Telecommunication Engineers **(IETE) (F-218845)**.
4. Fellow Member of Universal Association of Computer and Electronics Engineers (UACEE), **New York, USA (Membership No: SM101000602367)**
5. Member of India Council for Technical Skill Development (AICTSD), **Member ID: AICTSD/PROFESSOR/07307.**
6. Senior Member of International Economics Development and Research Center (IEDRC), **Hong Kong, (Membership No: 30080538)**
7. **Life Time Senior Member** of Science and Engineering Institute **(SCIEI), Hong Kong, Membership No: 20200407001.**
8. Life Member of Indian Society for Technical Education, New Delhi **(LM- 68639)**.
9. Life Member of Internet Society (ISOC), **USA (Membership ID: 2189222)**
10. Life Member of Society of Digital Information and Wireless Communication (SDIWC), Lithuania. **(ID No: 26812).**
11. **Life member of Teaching and Education Research Association (TERA), Eurasia Research USA (Membership Id: TERA-M110432)**
12. **Board member of** International Journal of Science and Management Studies (IJSMS) **(Membership Id : IJSMS-201840)**
13. Life Member of International Association of Online Engineering (IAOE), **Vienna, Austria. (Membership ID: 10874)**
14. **Honorary Member of Indian Engineering Teachers Association Empanelled under NITI AAYOG Govt. of India (Membership no: II/19.SEPT/5562)**
15. Life Member of Institute of Research Engineers and Doctors **(IRED) USA (No: SM101000602367)**
16. Life Member of Informing Science Institute (ISI) **California, USA**
17. Life Member of Institute of Advanced Scientific Research (IASR), **USA (ID: Z-4027-2019)**
18. Life Time Associate Member of Industrial Engineering and Operations Management (IEOM), **Michigan, USA (Membership No: 1436797)**
19. Life Member (Senior Member) of South Asia Institute of Science and Engineering (SAISE), **Hong Kong, (Membership ID: 20191104001S)**
20. Life Member of Institute of Doctors Engineers and Scientist **(M-1979)**
21. Life Member of The Council of Engineering and Technology (India) **(M-40059)**
22. Member of Institute for Engineering research and Publication (Membership No: **PMIN53620987**)
23. Member of Centre for Education Growth and Research **(CEGR) (CEGR/LT/2015/ID).**
24. Member of International Association of Engineers, **(IAENG) Hong Kong (170697)**
25. Member of Computer Science Teachers Association **(CSTA), USA (41598590)**

26. Life Membership of Association of European Operational Research Societies (**EURO**)  
**United Kingdom**

27. Member of Publons Research Association (Researcher ID: Z-4027-2019)

**Grant from Different Departments:**

SN	Department	Activity	Amount
1	Ministry of Electronics and Information Technology (MeitY), Govt. of India, New Delhi	National Workshop on Intellectual Property Rights (IPR) and Patents 16-17 Nov -2018	2,00,000
2	Pradhan Mantri Kaushal Vikas Yojana (PMKVY)	Skill Development Schemes 2018-19	78,00,000
3	National Commission for Women, New Delhi	Legal Rights of Women Awareness Programme (2018-19)	1,71,000
4	Pradhan Mantri Kaushal Vikas Yojana (PMKVY)	Skill Development Schemes 2017-18	46,00,000
5	National Commission for Women, New Delhi	Legal Rights of Women Awareness Programme (2017-18)	1,31,415
6	Ministry of Electronics & Information Technology (DeitY), New Delhi	IPR Workshop	2,00,000
7	Department of Science and Technology, Govt. of India, New Delhi	INSPIRE Internship Programme 2017	9,75,000
8	Entrepreneurship Development Institute of India, Ahmadabad	Entrepreneurship Awareness Camps (EACs) Session: 2017-18	2,00,000
9	Department of Science and Technology, Govt. of India, New Delhi	INSPIRE Internship Programme 2016	9,75,000
10	Entrepreneurship Development Institute of India, Ahmadabad	Entrepreneurship Awareness Camps (EACs) Session: 2016-17	2,00,000
11	The Institutions of Engineers (India)	<b>Research Project Titled:</b> Antenna Tracking System for Airborne Vehicle in UHF Range, Session 2014-15	5000
12	The Institutions of Engineers (India)	<b>Research Project Titled:</b> RFID Based Passport detail Identification System, Session 2014-15	5000
13	Entrepreneurship Development Institute of India, Ahmadabad	Entrepreneurship Awareness Camps (EACs) Session: 2014-15	60000
14	IIT Bombay-MHRD. Govt. of India	Infrastructure Development	280000
15	The Institutions of Engineers (India)	<b>Research Project Titled:</b> Solar based crack detection and alert system for Dam Protection, Session 2013-14	49,000

16	The Institutions of Engineers (India)	<b>Research Project Titled:</b> Solar based sewage blockage detection system Session 2013-14	45,000
17	Indian Society for Technical Education, New Delhi	STTP on Practical Application of Embedded System & VLSI Design	1,00,000
18	Entrepreneurship Development Institute of India, Ahmadabad	Entrepreneurship Awareness Camps (EACs) Session:2013-14	67,500
19	AICTE New Delhi	National Conference on Emerging Trends in Electronics and Communication Engineering 25-26 March-2014	1,00,000
20	Rajasthan Renewable Energy Corporation Ltd. Jaipur	Formation of Energy Club at the Institute (SITE, Nathdwara), Session: 2013-14	25,000
21	The Institutions of Engineers (India), Kolkata	<b>Research Project Titled:</b> To Design a Smart Micro Climate Control System For the session 2012-13	50,000
22	Ministry of Comm. & IT, Govt. Of India, New Delhi	National Conference (2011) Advancement in Electronics & Comm. Engg and IT	1,00,000
23	AICTE New Delhi	Entrepreneurship Development Cell (2010-12)	5,00,000
24	Ministry of New & Renewable Energy, Govt. Of India, New Delhi	National Conference (2011-12) (The Renewable Energy Source- A Plausible Solution to Looming Energy Crisis).	75,000
25	DST, Rajasthan	Under Student Projects Scheme (2011-12)	28,800
26	Department of Science & Technology (DST), Govt. of Rajasthan	Under Student Projects Scheme (2010-11)	80,600
27	DST, Rajasthan	National Conference (2009-10) (Power Quality Issues in deregulated Market)	25,000
28	DST, Rajasthan	Entrepreneurship Activities (2011-12)	50,000
29	Department of Science & Technology (DST), Govt. of Rajasthan	Under Student Projects Scheme (2009-10)	24,300
30	DST, Rajasthan	Entrepreneurship Awareness Camp (2009-10)	3,500
31	NITTTR Chandigarh	One Week Induction Training Program Through ICT 17-21 June 2013	9960

**Workshop under NMEICT Programme:**

1	IIT Mumbai, supported by MHRD	Workshop on Introduction to Research Methodology (June 25th, 2012 to July 4th, 2012)	1,75,000
2	IIT Mumbai, supported by MHRD	2-Week ISTE Workshop on Engg. Thermodynamics (11 to 21 December 2012)	1,06,500
3	IIT Mumbai, supported by MHRD	2-Days ISTE Workshop On Research Methods In Educational Technology	7,000
4	IIT Mumbai, supported by MHRD	4-Days ISTE Workshop on Aakash Android Application Programming (23-24 Feb & 02-03 March 2013)	17,000
5	IIT Mumbai, supported by MHRD	2-Week ISTE Workshop on Database Management Systems (DBMS) (21-31 May 2013)	1,59,832
6	IIT Kharagpur, supported by MHRD	2-Week ISTE Workshop on Analog Electronics (04th June – 14th June, 2013)	2,10,940
7	IIT Mumbai, supported by MHRD	1-Day workshop on Green Building Awareness	3,000
8	IIT Mumbai, supported by MHRD	2-Week ISTE Workshop on Engineering Mechanics (26 Nov to 06 December 2013)	97,640
9	IIT Kharagpur, supported by MHRD	2-Week ISTE Workshop on Signal & System (2 – 12 January 2014)	1,26,710
10	IIT Kharagpur supported by MHRD	2-Week ISTE Workshop on Fluid Mechanics (20 – 30 May 2014)	99,230
11	IIT Mumbai, supported by MHRD	2-Week ISTE Workshop on Computer Programming (16 – 21 June - 2014)	77,300
12	IIT Mumbai, supported by MHRD	2-Week ISTE Workshop on Computer Networking (30 June – 05 July - 2014)	72,814
13	IIT Mumbai, supported by MHRD	2-Week ISTE Workshop on Cyber Security (10 – 20 July - 2014)	70,800
14	IIT Kharagpur supported by MHRD	2-Week ISTE Workshop on Control System (02 – 12 Dec - 2014)	93,714
15	IIT Mumbai, supported by MHRD	2-Week Short Term Training Programme (STTP) on Pedagogy for Effective use of ICT in Engineering Education (05- 31 Jan - 2015)	73,538
16	IIT Mumbai, supported by MHRD	2-Week Short Term Training Programme (STTP) on Environmental Studies (02- 12 June – 2015)	1,51,320
17	IIT Kharagpur, supported by MHRD	2-Week Short Term Training Programme (STTP) on Introduction to Structural Engineering January 2015.	49,734

## Online Certification (Diploma/ Workshop) :

- Brainbench C++ Programmer.
- SCILAB workshop certification by IIT Bombay under NMEICT Program organized at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.
- AWS Training and certification: Completed AWS DataSync Primer.
- Google Analytics for Beginners completed from Google Analytics Academy.
- Diploma in RPA Developer Foundation from Ui Academy.
- Completed a course on “How to Create a website using WordPress” from Udemy academy.
- Completed a Workshop on Arduino from Udemy academy.
- Online Teaching – Learning and online Assessment Demo organized by InPods Ed-Tech Pvt. Ltd, New Delhi.
- Online Workshop on **Rural Entrepreneurship Development (RED) Action Plan** conducted by Mahatma Gandhi National Council of Rural Education, Hyderabad on 26 Sept 2020.
- Two days Online workshop on “**3D EM simulation involving CST software & R&S VNA Instruments**” conducted by Community Innovation Co- Creation centre (CiC3) Gujarat Technical University, Ahmedabad during 8-9 June 2020.
- Accreditation Management System Demo organized by InPods Ed-Tech Pvt. Ltd, New Delhi.
- Teachers to Educational Leader organized by Colombo Plan Staff College, Manila, Philippines.
- Test Items Development Techniques for Teachers organized by Colombo Plan Staff College, Manila, Philippines.
- “Latest Developments in Indian Derivatives Market” organized by Centre for Management Studies Presidency College Kempapura, Hebbala, Bangalore.
- Redefining Learning Spaces - Change Agent in Educational Ecosystem by Colombo Plan Staff College, Manila, Philippines.
- Virtual IEEE faculty conclave for non-IEEE faculty member organized by IEEE Bangalore section.

## Online Webinar:

- Attended webinar on “**SSIP Policy and State Approach**” hosted by Center for Startup and Innovation, Office of Career Advancement for Students, The Maharaja Sayajirao University of Baroda, Vadodara on 08-June-2020.
- **SSIP Policy and State Approach**” hosted by Center for Startup and Innovation, The Maharaja Sayajirao University of Baroda, Vadodara on 08-June-2020.
- Attended webinar on “**Startup Ecosystem and Entrepreneurship Opportunity**” organized by Mandsaur University, Mandsaur on 7<sup>th</sup> June 2020.
- Attended webinar on “**Opportunity for Startups in these Challenging Times**” organized by i-Hub Gujarat on 7<sup>th</sup> June 2020.

- Attended Webinar on “**Artificial Intelligence for COVID-19**” organized by DMI College of Engineering, Chennai held on 30-May-2020.
- Attended national Webinar on “**Advances in Biomass Energy Technology**” organized by Department of Electrical Engineering, Poornima College of Engineering on 30-May-2020.
- Attended national Webinar on “**Research and Innovation to Lead Smart World**” organized by IEEE Bombay Section held on 30-May-2020.
- Attended national Webinar on “**Digital Transformation**” organized by Poornima Institute of Engineering & Technology, Jaipur on 29-May-2020.
- Attended the Webinar on “**Latest Trends in the Electric Traction**” organized by Dr. Subhash Technical Camus – Junagadh held on 26-May-2020.
- Attended the Webinar on “**Recent Trends & Opportunities in Embedded System**” conducted by Department of Electrical and Electronics Engineering, SJBIT, Bengaluru on 23-05-2020.
- Attended Webinar on “**Advances in High Performance Computing and Use of cloud computing for Big data Analysis**” conducted by Faculty of Engineering & Technology , Madhyanchal Professional University, Bhopal on 23-May-2020.
- Attended national Webinar on “**5G Usecases and Development of 3GPP 5G new radio system and space antenna system**” organized by IEEE, Bangalore Institute of Technology, Bengaluru during 22-23 May-2020.
- Attended national Webinar on “**Intellectual Property for New India**” organized by Gujarat Technological University on 16-May-2020.
- Attended national Webinar on “**Emerging Trends in Electric Vehicle**” organized by Prestige Institute Engineering Management & Research, Indore held on 15-May-2020.
- Attended national Webinar on “**Cyber Security – A Hacker’s Perspective**” organized by Dr. Subhash Technical Camus – Junagadh held on 15-May-2020.
- Attended webinar on “**Quality 4.0**” Organized by Shanker Singh Vaghela Bapu Institute of Technology, Ahmedabad on 13-May 2020.
- Attended International webinar on “**Futuristic information and communication Technologies**” Organized by Computer Society of India (CSI), Jaipur Chapter held on 10-May-20.

### **Co-Curricular Activities:**

#### **Workshops/Conferences/STTP/FDP Organized**

1. One Week Short term Course (STC) on “**Power Electronics & Its Applications through ICT**” at Sree Chaitanay College of Engineering, Karimnagar Conducted by **National Institute of Technical Teachers Training and Research (NITTTR)**, Chandigarh during 27-Nov-17 to 01-Dec-2017.
2. One Week Short term Course (STC) on “**Data Mining and Business Intelligence through ICT**” at Sree Chaitanay College of Engineering, Karimnagar Conducted by **National Institute of Technical Teachers Training and Research (NITTTR)**, Chandigarh during 04-08 Sept–2017.



3. One Week Short term Course (STC) on “**Artificial Neural Network & Fuzzy Logic through ICT**” at Sree Chaitanya College of Engineering, Karimnagar Conducted by **National Institute of Technical Teachers Training and Research (NITTTR)**, Chandigarh during 24-28 April-2017.
4. One Week Short term Course (STC) on “**VLSI Design through ICT**” at Sree Chaitanya College of Engineering, Karimnagar Conducted by **National Institute of Technical Teachers Training and Research (NITTTR)**, Chandigarh during 14-18 March-2017.
5. Two-Week ISTE STTP on “**Introduction to Structural Engineering**” conducted by IIT Kharagpur under NMEICT project during 04<sup>nd</sup> to 09<sup>th</sup> January-2016.
6. Two-Week ISTE STTP on “**Environmental Studies**” conducted by IIT Bombay under NMEICT project during 02<sup>nd</sup> to 12<sup>th</sup> June-2015.
7. Two-Week ISTE STTP on “**Pedagogy for Effective use of ICT in Engineering Education**” conducted by IIT Bombay under NMEICT project during 05<sup>th</sup> to 31<sup>st</sup> January-2015.
8. Two-Week ISTE Workshop on “**Control System**” conducted by Indian Institute of Technology (IIT) Kharagpur under NMEICT project during 2<sup>nd</sup> to 12<sup>th</sup> December-2014.
9. Two-Week ISTE Workshop on “**Cyber Security**” conducted by IIT Bombay under NMEICT project during 10-20 July-2014.
10. Remote Center Coordinator for Two-Week ISTE workshop on “**Computer Networking**” under National Mission on Education through ICT, in collaboration with IIT Bombay and supported by MHRD, New Delhi during 28<sup>th</sup> May to 05<sup>th</sup> July-2014.
11. Remote Center Coordinator for Two-Week ISTE workshop on “**Computer Programming**” under National Mission on Education through ICT, in collaboration with IIT Bombay and supported by MHRD, New Delhi during 20<sup>th</sup> May to 21<sup>st</sup> June 2014.
12. One Week ISTE-SRM Short Term Training Program (STTP) on “**Practical Applications of Embedded System and VLSI Design**” sponsored by Indian Society for Technical Education (ISTE), New Delhi during 16-21 June-2014.
13. Remote Center Coordinator for Two-Week ISTE Workshop on “**Fluid Mechanics**” under National Mission on Education through ICT, in collaboration with IIT Kharagpur and supported by MHRD, during 20-30 May-14.
14. **Convener of National Conference on “Emerging Trends in Electronics & Communication Engineering”** Sponsored by **All India Council for Technical Education (AICTE), New Delhi** organized at SITE Nathdwara during 25 – 26 March-2014.
15. Two-weeks ISTE Workshop on “**Signal & System**” under National Mission on Education through ICT, in collaboration with IIT Kharagpur & supported by MHRD, New Delhi during 02 to 12-Jan14.
16. Remote Center Coordinator for Two-Week ISTE workshop on “**Engineering Mechanics**” conducted under National Mission on Education through ICT, in collaboration with IIT Bombay & supported by MHRD, New Delhi. during 26<sup>th</sup> Nov – 06<sup>th</sup> Dec, 2013
17. Conducted One day workshop on “**SCILAB**” at SITE Nathdwara under Spoken Tutorial Project of IIT Bombay supported MHRD, Govt. of India on 6<sup>th</sup> September 2013
18. Half day workshop on “**Green Building Awareness**” conducted by IIT Bombay at SITE Nathdwara on 24 Aug-2013.
19. 2-weeks ISTE Workshop on “**Analog Electronics**” conducted under National Mission on Education through ICT, in collaboration with IIT Kharagpur & supported by MHRD, New Delhi during 04-14 June-2013.

20. Remote Center Coordinator for Two-Week ISTE workshop on “**Database Management System**” conducted by IIT Bombay under National Mission on Education through ICT, supported by MHRD, New Delhi during 21<sup>st</sup> – 31<sup>st</sup> May, 2013.
21. Four-Days ISTE Workshop on “**Aakash Android Application Programming**” conducted at SITE, Nathdwara during 23-24 Feb & 02-03 March 2013 in collaboration with IIT Mumbai and supported by MHRD, New Delhi.
22. Two-Days ISTE workshop on “**Research Methods in Educational Technology**” conducted by IIT Bombay under National Mission on Education through ICT, supported by MHRD, New Delhi on 2<sup>nd</sup> & 9<sup>th</sup> February, 2013
23. Remote Center Coordinator for Two-Week ISTE workshop on “**Engineering Thermodynamics**” conducted by IIT Bombay under National Mission on Education through ICT, supported by MHRD, New Delhi during 11 – 21 Dec, 2012.
24. Two-Days ISTE Workshop on “**Aakash for Education**” conducted by IIT Bombay and supported by MHRD. during 10-11 November 2012
25. **Remote Center Coordinator of IIT Mumbai** at Shrinathji Institute of Technology & Engineering, Nathdwara for conducting different workshops under National Mission on Education through ICT (NMEICT), conducted by IIT Bombay & IIT Kharagpur and supported by MHRD, New Delhi
26. Two-Weeks ISTE Workshop on “**Introduction to Research Methodologies**” conducted by IIT Bombay under National Mission on Education through ICT (NMEICT) on 25-June to 4-July 2012.
27. **Convener of National Conference** on “The Renewable Energy Source- A Plausible Solution to Looming Energy Crisis” Sponsored by **Ministry of New & Renewable Energy (MNRE), Govt. of India, New Delhi** at SITE Nathdwara during 25 – 26 June-2011.
28. Established an **Institution of Engineers (IE) students’ chapter** and working as Advisor of students’ chapter at Shrinathji Institute of Technology & Engineering, Nathdwara (Raj.) under my supervision our chapter has selected **Third Best Student Chapter in the country** for 2011-12 and got Dr. Amitabha Bhattacharyya Memorial Trophy honored by **Governor of Karnataka State** on 4<sup>th</sup> November 2012.
29. Established an ISTE Chapter & ISTE Student Chapter and working as a Faculty Advisor of ISTE Chapter at Shrinathji Institute of Technology & Engineering, Nathdwara (Raj.).
30. **Convener of National Conference** on “Power Quality Issues in the Deregulated Market” Sponsored by Department of Science and Technology, Govt. Of Rajasthan at SITE Nathdwara on 21<sup>st</sup> Nov-2009.
31. **Convener of an Entrepreneurship Awareness Camp** for three days Sponsored by Department of Science and Technology, Govt. Of Rajasthan at SITE Nathdwara (Raj.).
32. **Established an Entrepreneurship Development Cell (EDC)** at Shrinathji Institute of Technology & Engineering, Nathdwara (Raj.) under the EDC Scheme of AICTE New Delhi in 2011.
33. Coordinate one week Faculty Development Program on “Object Oriented Analysis and Designing using UML through Rational Architecture” under the banner of ISTE in association with IBM at SITE Nathdwara (Raj.).
34. Conducted ISTE-SRMC-2013 Chapter Level and Zonal Level Mathematics Competition at SITE Nathdwara on 30 August 2013 and 9-Nov-2013 respectively

## **Editorial Board Member/ Expert/ Reviewer/ Session Chair in conferences /workshops /Journals**

1. **Session Chair** in International Conference on Smart Energy and Communication (ICSEC-2020) at Poornima Institute of Engineering and Technology, Jaipur during March 20-21, 2020.
2. **Editorial board member of** International Journal of Science and Management Studies (IJSMS) (ISSN: 2581-5946) Membership Id : IJSMS-201840)
3. **Editorial board member of** International Journal for Innovative Research in Science and Technology (IJIRST) (ISSN: 2349-6010).
4. **Editorial board member of** International Journal of Electronics and Communication Engineering and Technology (IJECET) (ISSN: 0976-6545).
5. **Editorial board member of** Journal of Electronics and Communication Engineering & Technology (JECET) (ISSN : 2347-4181).
6. **Editorial board member of** International Journal of Research in Engineering and Management [IJREM].
7. **Advisory board member and reviewer** of International Conference on Recent Trends in Engineering, Management and Science (ICRTEMS-2019) organized by Delhi Institute of Technology Management & Research (DITMR), Faridabad, Haryana on 26th - 27th Sept 2019.
1. Chair the session of National conference on “**Future Trends in wireless Communication and Application**” at Mandsaur Institute of Technology, Mandsaur (MP) during 08-09 Nov. 2011.
2. **Advisory Board Member** of World Research Journal of Engineering & Technology (ISSN: 2278-8530 & E-ISSN: 2278-8549). Membership No: **AB780D279B**.
3. **Honor Chair** of International Conference on Management Science and Engineering (MSE-2017) at **ATLANTIS PRESS, Paris, France**
4. **Associate Editor** and member of Reviewers Board of Pezzottaite Journals.
5. **Editorial board member and Reviewer of IRA Publication and its related Journals** Governed by IRA Social Charitable Trust.
6. **Reviewer of Journal of Engineering Research and Design (JERD) (ISSN 2331-5830).**
7. **Reviewer of International Journal for Innovative Research in Science and Technology (IJIRST) (ISSN: 2349-6010).**
8. **Editorial Board Member** of the American Journal of Computation, Communication and Control by **American Association for Science and Technology (AASCIT), USA, ISSN 2375-3943.**
9. **Editorial Board Member** of the A R Research Publication & Conference world .

## **Thesis Reviewer/ Expert /Paper Setter**

1. Maharana Pratap University of Agriculture & Technology (MPUAT), Udaipur
2. Rajiv Gandhi Pradyogiki Vishwavidyalaya (RGPV), Bhopal
3. IASE Deemed University, Sardarshahr (Rajasthan)
4. Shri Jagdish Prasad Jhabarmal Tibrewala University, Jhumjhunu
5. Career Point University, Kota
6. Sarvepalli Radhakrishnan (SRK) University, Bhopal
7. Sangam University, Bhilwara

## **Examination Incharge**

### **Centre Superintendent of Different Examination**

1. Rajasthan Technical University, Kota
2. National Institute of Open Schooling, New Delhi
3. Jail Prahari Examination of Govt. of Rajasthan, Jaipur
4. Patwari Examination of Govt. of Rajasthan, Jaipur
5. Van Rakshak Examination of Govt. of Rajasthan, Jaipur

## **Subject Matter Expert (SME) & Online Evaluator**

1. SME for MeritTrac Services Pvt Ltd and Globoficient Management Consulting Pvt. Ltd. (GMCPL), Bengaluru to carry out confidential examination related work for Online Paper Evaluation.
2. SME for PurpleLeap, A Plus Education Solutions Pvt. Ltd, A Pearson Educomp JV Company, Bangalore to carry out confidential examination work for Creating & Reviewing exam papers.
3. SME for CareerNet Technologies Pvt. Ltd., HiRePro Bangalore to carry out confidential examination related work for Creating & Reviewing subject expert questions.
4. SME for Cramster e-learning Services Pvt. Ltd. (CESPL), New Delhi to provide complete solution of the problems designed/specified by the cramster.

## **Patent:**

1. **Title “Novel Miniaturized Dual-Port Ultra Wide Band MIMO Antenna”** Patent Application No. 201921052961

## **Research Guidance:**

1. 16 – M.Tech. Project/Thesis Completed and 6 are running.
2. 5 – Research Project Sponsored from The Institution of Engineers (India), Kolkata.
3. Around 20 Student project Sponsored from Department of Science & Technology (DST).

## **Book Published**

1. **“Automatic Water Flow cum Motor Protector”** with ISBN: 978-3-639-70403-7 is published in **Germany** by Scholars' Press on 08-Dec-2013.
2. **“Optical Communications Systems”** with ISBN: 978-953-51-0170-3 published in **Australia** on March 3, 2012.
3. My Research work **“Traffic Analysis of MPLS and Non MPLS Network including MPLS Signaling Protocols”** with ISBN No: 978-3-8443-0845-7 is published as a Book in **Germany**.

## **Publications / Conferences:**

### **International/National [As an Author/ Coauthor]:**

- 1. Performance Estimation of LDPC Code Suing sum Product Algorithm and Bit Flipping Algorithm by** Patel Alpa and Mahesh Kumar Porwal published in Journal for Research, ISSN: 2395-7549, Vol-2, Issue-8, Oct-2016.
- 2. Advance Cryptography Algorithm using BB Equation and Pixel Shuffling/De-Shuffling by** Ishawar Lal Paliwal and Mahesh Kumar Porwal published in International Journal of Engineering applied Sciences and Technology, ISSN: 2455-2143, Vol-1, Issue-8, July-2016.
- 3. Multi Carrier Code Division Multiple Access (MCCDMA): A Review by** Prachi Agarwal and Mahesh Kumar Porwal published in International Journal of Digital Application and Contemporary Research (IJDACR), ISSN: 2319-4863, Vol-4, Issue-11, June-2016.
- 4. Shortest Path Through Grovers Algorithm in MATLAB by** Nidhi Jain and Mahesh Kumar Porwal published in **International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)**, ISSN: 2278-6856, Vol-04, Issue-5 (2), Sept-Oct-2015. UGC Journal No: 48939
- 5. Red Blood Cell Counting using Fuzzy Based Segmentation** by K. Mahima and Mahesh Kumar Porwal presented/published in the proceeding of the International Conference on Recent Trends in Engineering and Technology (ICRTET) at Institute of Research in Engineering and Technology, Visakhapatnam (AP) published by IJETEE (ISNN: 2320-9569), Issue-2, Vol-11, pp-170-175, during June-2015.
- 6. Review Paper on AODV Performance in MANET using Genetic Algorithm** by Nagendra Singh and Mahesh Kumar Porwal published in International Journal of Engineering & Management Technology (IJERMT), ISSN: 2348-4039, Vol-2, Issue-3, May-2015. UGC Journal No: 43346
- 7. Blood Cell Segmentation: A Review** by K. Mahima and Mahesh Kumar Porwal published in International Journal of Engineering Research and Management (IJERM), ISSN: 2349-2058, Vol-02, Issue-05, May-2015.
- 8. A Review on Edge Detection Technique** by Pooja Ameta and Mahesh Kumar Porwal published in International Journal of Advanced Engineering Research and Science (IJAERS), ISSN: 2349-6495, Vol-2, Issue-4, April-2 015.
- 9. Genetically Optimized Cluster based Routing Algorithm for Mobile Ad-Hoc Networks** by Nagendra Singh and Mahesh Kumar Porwal published in International Journal of Digital Application & Contemporary Research, ISSN: 2319-4863, Vol-3, Issue-8, March-2015.
- 10. Blocking DWT-SPIHT Algorithm based Self Recovery Watermarking Scheme using Improved Arnold Transform** by Gyan Vardhan Artist and Mahesh Kumar Porwal published in International Journal of Science and Technology, ISSN: 2321-919X, Vol-3 Issue-3, March-2015.
- 11. Analyses of SNR Threshold for Minimum BER in Various Modulations Schemes and Development Of an Adaptive Modulation Scheme** by Manish Dangi and Mahesh Kumar Porwal published in International Journal of Innovative Science, Engineering and Technology (IJISSET), ISSN: 2348-7968, Vol-2, Issue-3, March-2015. UGC Journal No: 48287
- 12. Path Propagation Modeling at Frequency 2.45GHz in a Building of Rajasthan** by Sushma Trivedi and Mahesh Kumar Porwal published in International Journal of Engineering Research &

Technology (IJERT), ISSN: 2278-0181, Vol-4, issue-2, pp. 604-609, February-2015. UGC Journal No: 49139

13. **Dual Layer Image Scrambling Metho using Improved Arnold Transform** by Gyan Vardhan Artist and Mahesh Kumar Porwal published in American International Journal of Research in Science, Technology, Engineering & Mathematics (AIJRSTEM), ISSN: 2328-3580, Vol-3, Issue-9, pp. 258-264, February-2015, UGC Journal No: 44994
14. **Simulation of Adaptive Array Smart Antenna System with Multiple Signal and Multipath Signal** by Chinmay Upadhyay and Mahesh Kumar Porwal Presented in National Conference on Emerging Trends in Signal Processing and Communication Engineering (ESPACE) at Aditya Institute of Technology & Management, Tekkali (AP) under TEQIP Phase-II and Technically Co-Sponsored by IEEE during 20<sup>th</sup> – 21<sup>st</sup> February 2015.
15. **A Preliminary Study and Analysis of Face Authentication** by Pooja Ameta and Mahesh Kumar Porwal Presented in National Conference on Emerging Trends in Signal Processing and Communication Engineering (ESPACE) at Aditya Institute of Technology & Management, Tekkali (AP) under TEQIP Phase-II and Technically Co-Sponsored by IEEE during 20<sup>th</sup> – 21<sup>st</sup> Feb-15.
16. **Quantum Computation: A Review** by Nidhi Jain and Mahesh Kumar Porwal published in **Journal of Advance Computing and Communication Technologies (JACOTECH)**, ISSN: 2347-2804, Vol-03, Issue-1, pp-23-26, February-2015.
17. **Simulation & Performance Analysis of a Smart Antenna System Using Beam forming Techniques for Mobile Communication** by Chinmay Upadhyay and Mahesh Kumar Porwal published in International Journal of Engineering Science and Innovative Technology (IJESIT), ISSN:2319-5967, Vol-4 Issue-1, Jaunary-2015.
18. **Performance Analysis of BER for Different SNR of Channel in Various Modulation Schemes** by Manish Dangi and Mahesh Kumar Porwal published in **Progress in Science and Engineering Research Journal (PISER)**, ISSN:2347-6680 (E), PISER 16, Vol-02, Issue:06/06, pp-168-171, Dec-2014.
19. **Random Access Career Sense Protocol: A Coparative Analysis of Non Persistent and 1-Persisten CSMA** by Mohit Dashora and Mahesh Kumar Porwal published in **International Journal on Recent and Innovative Trends in Computing and Communication (IJRITCC)**, ISSN: 2321-8169, Vol-2, Issue-12, pp-4021-4025, December-2014.
20. **Estimation of Channel Over Rayleigh Fading Channel in OFDM-MIMO** by Vishal Jethava and Mahesh Kumar Porwal published in **Progress in Science and Engineering Research Journal (PISER)**, ISSN:2347-6680 (E), PISER16, Vol-02, Issue:06/06, pp-143-146, Dec-2014
21. **Design of Magnetron Injection Gun for 120GHz, 3MW Gyrotron** by Manoj Kumar Sharma and Mahesh Kumar Porwal published in International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), ISSN: 2278-909x, Vol-3, Issue-11, pp-1469-1471, November-2014. UGC Journal No: 43923.
22. **Sensitivity and Misalignment Analysis of MIG for 120 GHz, 3MW Gyrotron** by Manoj Kumar Sharma and Mahesh Kumar Porwal published in International Journal of Engineering Science and Innovative Technology (IJESIT), ISSN: 2319-5967, Vol-3, Issue-6, pp-389-393, Nov-2014.
23. **Study and Analysis capacity of MIMO System for AWGN Channel Model Scenario** by Hussain Bohra and Mahesh Kumar Porwal published in **International Journal of Engineering Research and Applications (IJERA)**, ISSN: 2248-9622, Vol-4, Issue 10, pp-63-67, Oct-2014. UGC Journal No: 47088

24. **Channel Capacity Estimation in MIMO-OFDM System for different Fading Channels Using Water Filling Algorithm** by Lokesh Ameta and Mahesh Kumar Porwal published in **International Journal of Digital Application and Contemporary Research [IJDACR]**, ISSN: 2319-4863, Vol-3, Issue-3, Oct-2014.
25. **Genetically Optimized Root Raised Cosine Filter in 3G Technology** by Kapil Paliwal and Mahesh Kumar Porwal published in **International Journal of Digital Application and Contemporary Research [IJDACR]**, ISSN: 2319-4863, Vol-3, Issue-3, Oct-2014.
26. **MAC IEEE802.11 CSMA/CA: A Simulative Performance Analysis** by Mohit Dashora and Mahesh Kumar Porwal published in **International Journal on Recent and Innovative Trends in Computing and Communication (IJRITCC)**, ISSN: 2321-8169, Vol-2, Issue-10, Oct-2014.
27. Performance of OFDM in AWGN channel using different modulation scheme by Mahendra kumar bairwa and Mahesh Porwal published in **International Innovative Journal of Engineering and Science (IIJES)**, ISSN: 2393-9168, volume-1, issue-1, pp19-23, Jul-Sept-14.
28. Research Project **"To Design a Smart Micro Climate Control System"**, published in Compendium on R&D Projects published by 'The Institution of Engineers (India)' Sept-2014.
29. **BER Performance of OFDM system over AWGN channel with different Modulation Schemes** by Mahendra Kumar Bairwa and Mahesh Porwal, published in **International Journal of Engineering and Technical Research (IJETR)**, ISSN:2321-0869, Volume-2, Issue-8, Aug-14. UGC Journal No: 49139
30. **MIMO detectors comparison for its BER performance in various channels** by Jignesh B Jethva and Mahesh Kumar Porwal published in **Progress in Science and Engineering Research Journal (PISER)**, ISSN:2347-6680 (E), PISER14, Vol-02, Issue:04/06, pp-205-211, Aug-2014.
31. Fault Tolerance in MPLS Network for Video Traffic by Mahesh Kumar Porwal and Dr. D. S. Rao. Published in **International Journal of Emerging Technology & Research (IJETR)**, ISSN: 2347-6079, Volume-1, Issue-4, pp-1084-1091, May-June-2014. UGC Journal No: 49139
32. **Encryption Algorithm Using Advance Technique** by Ishwar Lal Paliwal and Mahesh Kumar Porwal presented in the Proceeding of AICTE Sponsored National Conference on Emerging Trends in Electronics and Communication Engineering organized by SITE Nathdwara on 25-26 March-14, and published in **International Journal of Engineering Research & Technology (IJERT)** ISSN: 2278-0181, Volume-2, Issue-10, pp-159-161, June-2014. UGC Journal No: 49139
33. **An Optimized GA-SVD based signal detector for cognitive Radio** by Pradeep Paliwal and Mahesh Kumar Porwal presented in the Proceeding of AICTE Sponsored National Conference on Emerging Trends in Electronics and Communication Engineering organized by SITE Nathdwara on 25-26 March-14, and published in **International Journal of Engineering Research & Technology (IJERT)** ISSN: 2278-0181, Volume-2, Issue-10, pp-284-288, June-14. UGC Journal No: 49139
34. **PAPR reduction of OFDM using companding of Selective mapping and partial transmit sequence** by Pankaj Shrotriya and Mahesh Kumar Porwal presented in the Proceeding of AICTE Sponsored National Conference on Emerging Trends in Electronics and Communication Engineering organized by SITE Nathdwara on 25-26 March-14, and published in **International Journal of Engineering Research & Technology (IJERT)** ISSN: 2278-0181, Volume-2, Issue-10, pp-162-164, June-2014 UGC Journal No: 49139
35. **Performance Analysis of Wireless MIMO system using Precoded OSTBC** by Rahul Somani and Mahesh Kumar Porwal presentation in Proceeding of AICTE Sponsored National

Conference on Emerging Trends in Electronics and Communication Engineering organized by SITE Nathdwara on 25-26 March-14, and published by **International Journal of Engineering Research & Technology (IJERT)** ISSN: 2278-0181, Volume-2, Issue-10, pp-22-26, June-2014. UGC Journal No: 49139

36. **Smart Micro-Climate Control System: A Green House Farming Revolution** by Pankaj Gupta, Mahesh Kumar Porwal published in **International Journal of Research in Computer and Communication Technology (IJRCCT)**, ISSN: 2320-5156, , Vol:3 Issue:1, pp-148-152, Jan-14
37. **Bit Error Rate Performance of MIMO Spatial Multiplexing with MPSK Modulation over Rayleigh Fading Channel** by Vishal Jethva, Mahesh Kumar Porwal published in **International Journal for Scientific Research & Development (IJSRD)**, ISSN: 2321-0613, , Volume-1, Issue-8, pp:1569-1572, Oct-2013.
38. **LIDAR Technology and its Applications** by Nakul Audeechya and Mahesh Kumar Porwal Published in **International Journal of Research in Computer Engineering and Electronics (IJRCEE)**, ISSN 2319-376X., Volume-2, Issue-3, June-2013.
39. **Performance Analysis for Different Modulation Schemes in MIMO for LTE and WLAN** by Jignesh B. Jethva, Mahesh Kr. Porwal, Avinash R. Trivedi Published in **International Journal of Emerging Technology and Advanced Engineering (IJETAE)**, (ISSN 2250-2459, Volume 3, Issue 5, pp-580-583), May-2013. UGC Journal No: 47950
40. **Fault Tolerance and Retrieval in MPLS Network** by Mahesh Kumar Porwal and Dr. R. B. Misra published in **IFRSA's International Journal of Computing (IJC)**, ISSN: 2231-2153, Volume-2, pp-482-489, April-2012. UGC Journal No: 63547
41. **Wireless Communication: Visible Light Communication using White LED's Presented and Published in proceeding of National conference on "Future Trends in wireless Communication and Application"** at Mandsaur Institute of Technology, Mandsaur (MP) during 08-09 Nov-2011.
42. **6Lowpan: IPV6 over Low Power Wireless Are Networks Presented and Published in proceeding of National conference on "Future Trends in wireless Communication and Application"** at Mandsaur Institute of Technology, Mandsaur (MP) during 08-09 Nov- 2011.
43. **Multimedia Traffic Analysis of MPLS and Non MPLS Network** Presented in International Conference on Advance Computing (ICAC – 2008) at Anuradha Engineering College, Chikhli (MH) and also **published in International Journal of Computer Science and Applications (IJCSA)**, ISSN: 0974-1003, Volume-1, Number-2, pp-91-94, Aug-2008.
44. **Routing Issues in MPLS Network** by Mahesh Kr. Porwal and Dr. Sunil Joshi Presented and published in ISBN proceeding of 25<sup>th</sup> National Convention of Computer Engineers and National Seminar on Networked Home Systems and Services (NHSS-2011) at CTAE, Udaipur (Raj), sponsored by **The Institutions of Engineers India (IEI)**, pp-43-46, 2011
45. **Traffic Analysis of MPLS and Non MPLS Network including MPLS Signaling Protocols and Traffic distribution in OSPF and MPLS"** Presented in International Conference on Emerging Trends in Engineering and Technology – ICETET-08 on 16-18 July-2008 at G. H. Raisoni College of Engineering, Nagpur and also included in IEEE Computer Society Digital Library (IEEE - CSDL)/ ieeexplorer.
46. **Analysis of MPLS in Virtual Private Networks (VPN's) and Performance Evaluation of MPLS-over-GRE Based VPN's** Presented and published in proceeding International Conference on Advance Computing and Creating Entrepreneurs (ICOACCE) at Geetanjali



Institute of Technology & Science, Udaipur, ISBN: 978-81-7906-212-8, pp-61-66 during 12-13 February-2010.

47. **Simulation Of Routing Protocol For Wireless Sensor Network** presented and Published in proceeding of International Conference on Advance Computing and Creating Entrepreneurs (ICOACCE) at Geetanjali Institute of Technology & Science, Udaipur (Raj), ISBN: 978-81-7906-212-8, pp-37-42 during 12-13 February-2010.
48. **Improvement of dynamic performance of hydrothermal system under open market scenario using asynchronous tie-lines** presented and published in the proceeding of National Conference on Power Quality Issue in the Deregulated Market” at Shrinathji Institute of Technology & Engineering, Nathdwara (Raj) on 21-Nov-2009.
49. Participated in National Conference on Emerging Trends in Information Technology (**NCETIT-2007**) organized by Computer Engineering Department at Shri G.S. Institute of Technology and Science Indore (MP), INDIA under Technical Quality Improvement Program (TEQIP) during 18-20-Dec-2007.
50. Renewable Technology: Green Engineering Application with photovoltaic Technology, Wind Energy, Solar Power net Metering. Presented & published in proceeding of National Conference on **“The Renewable Energy Sources- A Plausible Solution to Looming Energy Crises”** at Shrinathji Institute of Technology & Engineering, Nathdwara (Raj), during 25-26 June-11.

#### **Workshop/STTP/FDP Attended:**

1. Attended TEQIP-III sponsored one week Faculty Development Program on **“Recent Trends in Electrical Engineering & Soft Computing Applications in Power Systems”** organized by Shrinathji Institute of Technology & Engineering, Nathdwara Sponsored by Rajasthan Technical University, Kota during 25 – 29 August 2020.
2. Attended TEQIP-III sponsored one week short term course on **“Challenges and Opportunities in Engineering after COVID-19”** organized by College of Technology & Engineering (CTAE), Maharana Pratap University of Agriculture and Technology, Udaipur during 29-June to 03-July, 2020
3. Attended Two Week Online Short-Term Training Program on **“Green Energy Technologies for Sustainable Development”** Jointly Organized by National Institute of Technology, Kurukshetra and Government Engineering College, Bikaner under TEQIP-III from 11 - 20 June, 2020
4. Attended One Week Online Faculty Development Program on **“Recent trends in Research Applied Statistics”** Organized by Sunrise University, Alwar during 13 - 19 June, 2020
5. Attended one week online Faculty Development Program on “Inforamtion/Cyber security and Block Chain Technology organized by Sagar Institute of Research Technology& Science Bhopal during 08-13 June 2020.
6. Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering” organized by QIS College Of Engineering And Technology Ongole, Andhra Pradesh from 3.06.2020 to 7.06.2020.
7. Attended Five Days Faculty Development Program on “Advances and Challenges in Industrial Automation, E-vehicles, Product and Process Controls Manufacturing in Electrical and Electronics Engineering” organized by QIS College Of Engineering And Technology Ongole, Andhra Pradesh from 3.06.2020 to 7.06.2020.
8. Attended Five Days online Faculty Development Program on **“Operation Management : Developing new perspective in the ear of AI/ML”** organized by Meerut Institute of Technology, Meerut from 30.05.2020 to 04.06.2020.

9. Attended Two days faculty development on "**Trends in Technological Intelligence-T<sup>2</sup>I 2020**" organized by Babu Banarasi Das Northern India Institute Of Technology, Lucknow in association with The Institution of Engineers (India) from May 31 to June 01, 2020.
10. Attended one week International Faculty Development Programme on "**Innovative Trends In Engineering And Technology**" organized by IQAC, Shree. L. R. Tiwari College of Engineering from 25 - 29 May, 2020
11. Attended One week FDP on "**Artificial Intelligence & Machine Learning Technologies**" organized by RGPV, Bhopal under TEQIP-III during 21-25 May, 2020.
12. Attended Two days faculty development on "**Migration Of It Infra Using Cloud**" Organized by Department of Applied Science under IQAC, Poornima Institute of Engineering and Technology (PIET), Jaipur during 20-21 May, 2020
13. Attended Three day Faculty Development Programme on "Improving Your Research Visibility – Research Impact and Metrics" jointly organized by Research and Development Cell and Internal Quality Assurance Cell of Velalar College Of Engineering And Technology, Erode Tamilnadu from 11-13 May, 2020
14. Attended one Week faculty development on "**Digital Image Processing using MATLAB** conducted by Synxa IT Pvt. Ltd. During 24-27 April 2020.
15. AICTE-UKIERI Technical leadership Development Program of Three Weeks conducted by AICTE in association with British Council under UK-India Education & Research Initiative (UKIERI) during 2019.
16. Attended one Day National Workshop on "**Impact of Autonomy in Higher Education Institutions**" at Jawaharlal Nehru Technological University (JNTU), Hyderabad under TEQIP-III on 27-July-2019.
17. Attended One Week Faculty Development Program on "**Sensing Based IOT and Cloud Computing**" at Alpine Institute of Technology, Ujjain organized and Sponsored by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal under TEQIP-III during 24-28 April 2018.
18. Attended one Week Short term Course (STC) on "**Power Electronics & Its Applications through ICT**" at Sree Chaitanay College of Engineering, Karimnagar Conducted by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during 27-Nov-17 to 01-Dec-2017.
19. Attended one Week Short term Course (STC) on "**Data Mining and Business Intelligence through ICT**" at Sree Chaitanay College of Engineering, Karimnagar Conducted by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during 04-08 September–2017.
20. Attended one Week Short term Course (STC) on "**Artificial Neural Network & Fuzzy Logic through ICT**" at Sree Chaitanay College of Engineering, Karimnagar Conducted by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during 24-28 April–2017.
21. Attended one Week Short term Course (STC) on "**VLSI Design through ICT**" at Sree Chaitanay College of Engineering, Karimnagar Conducted by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during 14-18 March–2017.
22. Three Days Faculty Development Program on **Networking Simulation using NetSim Software** with DELLSOFT Technologies Pvt. Ltd, New Delhi during 08-10<sup>th</sup> June 2016.
23. Attended Two days National workshop on "**Intellectual Property Rights (IPR)**" organized by Shrinathji Group of Institutions and **Department of Electronics & Information Technology (DeitY), Govt. of India, New Delhi** during 18-19<sup>th</sup> March 2016.

24. One day Faculty Development Program on **Circuit Simulation/ PCB Design** using Target 3001! Software with DELLSOFT Technologies Pvt. Ltd. On 03<sup>rd</sup> June 2016.
25. One day workshop on **“Support for Entrepreneurial and Managerial Development of MSME through Incubator”** Sponsored by **Ministry of Micro, Small & Medium Enterprises (MSME) Development Institute, Govt. of Rajasthan Jaipur** on 19 February 2016.
26. Two-Week Faculty Development Program on **“Promotion of Entrepreneurship Amongst Students”** organized by Entrepreneurship Development Cell, **Mohanlal Sukhadia University, Udaipur** in collaboration with Entrepreneurship Development Institute of India (EDI), Ahmedabad during 04<sup>th</sup> to 16<sup>th</sup> January 2016.
27. Attended Two days National workshop on **“Intellectual Property Rights (IPR)”** organized by Nathdwara group of Institutions and **Department of Electronics & Information Technology (DeitY), Govt. of India, New Delhi** during 09-10 July 2015.
28. Two-Week Faculty Development Programme on **“Training of Trainers for Accreditation”** organized by Swami Keshvanand Institute of Technology, Mgmt & Gramothan (SKIT), Jaipur, Sponsored by AICTE, New Delhi during 23<sup>rd</sup> March to 3<sup>rd</sup> April-2015.
29. Attended 2-days National Faculty Development Program on **“Research Project Proposal”** at Aishwarya College of Education Sansthan, Udaipur (Rajasthan) during 19-20 Sept-14.
30. Attended One-Week ISTE Workshop on **“Cyber Security”** at Indian Institute of Technology (IIT), Bombay Continuing Education & Quality Improvement Programmes (CE & QIP) during 09-15-June-2012. during 17<sup>th</sup> – 21<sup>st</sup> May 2014.
31. Attended One week Workshop on **“Signal & System”** at Indian Institute of Technology (IIT), Kharagpur under National Mission on Education through ICT sponsored by MHRD, New Delhi during 30<sup>th</sup> September to 4<sup>th</sup> October-2013.
32. Attended Two Weeks **Faculty Development Programme** on **“Signal Processing & Image Processing Using SCILAB”** at National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh sponsored by AICTE, New Delhi from 05-16 August-2013.
33. Attended one week Workshop on **“Network Simulation and Design”** at R K University, Rajkot sponsored by Gujarat Council on Science & Technology, Govt. of Gujarat from 22–26 July 2013.
34. Attended one Week Short term Course (STC) on **“Induction Training Programme through ICT”** organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh & recognized by AICTE, New Delhi at SITE Nathdwara during 17–21 June-2013.
35. Attended Two Week ISTE Workshop on **“Database Management Systems”** at SITE Nathdwara conducted by Indian Institute of Technology (IIT) Bombay under National Mission on Education through ICT sponsored by MHRD, New Delhi during 21-31 May-2013.
36. Attended one week ISTE workshop on **“Analog Electronics”** at Indian Institute of Technology (IIT) Kharagpur under National Mission on Education through ICT sponsored by MHRD, New Delhi during 01–05 April-2013.
37. Attended Two Weeks **Faculty Development Programme in Entrepreneurship** at Entrepreneurship Development Institute of India, Ahmedabad during 17– 28 December 2012.
38. Attended 2–Days International Workshop on **“Mobile & Cloud Computing (IW-MCC) 2012”** organized by Techno India NJR Institute of Technology, Udaipur in Association with IEEE Computer Society India Council during 4-5 December-2012.
39. Attended one day National Workshop on **“How to use A-View”** conducted by **Amrita E-Learning Research Lab, Kollam, Kerala** under National Mission on Education through ICT (NMEICT) on 30<sup>th</sup> November 2012.

40. Attended one week workshop on “**Introduction to Research Methodologies**” at Indian Institute of Technology (IIT) Bombay under Continuing Education & Quality Improvement Programmes (CE & QIP) during 09-15-June-2012.
41. Attended **Entrepreneurship Awareness Camp (EAC)** organized by Madhya Pradesh Consultancy Organization Ltd (MPCON), Bhopal (MP) at Mandsaur Institute of Technology, Mandsaur for three days during September 2005.
42. Attended one day workshop on “**Programme Educational Objectives**” organized Sunrise Technical Education Promotional Society, New Delhi on 23<sup>rd</sup> January 2010.
43. Attended one week workshop on “**Finishing**” organized by Impression, The Complete Finishing School, Ahmedabad on 7<sup>th</sup> July 2001.

### **Engineering Projects:**

**Graduation:** 1. Computer Interface Multimeter.                      2. Infrared Remote control.

**Post Graduation:** Traffic Analysis of MPLS and Non MPLS Network including MPLS Signaling Protocols and Traffic distribution in OSPF and MPLS.

**Research Work:** Routing Mechanism in MPLS Network for Video Traffic.

### **Projects Done at CDAC:**

1. Railway Reservation.                      3. Online Quiz.
2. Pay Roll Computing System.            4. Inventory Management of Cotton in Textile Mill.

### **Personal Information:**

❖ <b>Father's Name</b> : Shri H. N. Porwal	❖ <b>Date of Birth</b> : 01- May-1978
❖ <b>Marital Status</b> : Married	❖ <b>Nationality</b> : Indian
❖ <b>Phone No.</b> : 9772986088	❖ <b>Email ID:</b> PORWAL5@YAHOO.COM mahesh.porwal@gmail.com
❖ <b>Linguistic knowledge:</b> English & Hindi	❖
❖ <b>Permanent Address:</b> Krishna Trading Company, Mhow Neemuch Road, PO – Dhodhar, District – Ratlam (Madhya Pradesh) – 457339, India	