

Prof. Riya. B. Pal

ME/BE Power Electronics

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Career Highlights

- Assistant Professor in Electronics & Telecommunication Dept at K.C College of Engineering & Management Studies & Research, Thane.
- Lecturer in JHC (Jai Hind College), Churchgate, in Electronics branch, 2019-2020.
- HoD & Lecturer in S.S Jr College, 2016-2018.
- Publications - 11 Journals Papers (International) .
- STTPs/FDPs/Seminars/Workshops - 18
- Special Achievements (@ Technical level) - 2

Teaching Experience

Institute / Organization	Position Held	Period of appointment
K.C College of Engineering & Management Studies & Research	Assistant Professor in EXTC	AY 2021-22 (till date)
J.H.C (Jai Hind College) , Churchgate/South-Bombay	Lecturer in Electronics	2019 - 2021

S.S. Jr College , Seawoods/Navi-Mumbai	HOD /Lecturer in Electronics & Computer Science	2016-2018
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Qualification

Examination	University	Month & Year of Passing	Subjects / Specialization	Class
Master of Engineering	Mumbai University	June 2017	Power Electronics	First Class
Bachelor of Engineering	Mumbai University	July 2013	Electronics Engineering	First Class
H.S.C	Maharashtra State Board	Feb 2009	Science Stream	Pass /Distinction
S.S.C	C.B.S.E	May 2007	Science Stream	Pass /Distinction

Membership of professional bodies

- Nil

Publications

I. Conferences (National)

- Nil

II.Conferences and Journals (International)

- Riya Pal, “Heat In Electronics Circuits & Material Selection Criteria For Cooling Solutions” , International Journal of Advanced Research In Electronics And Communication Engineering , March 2015 (ISSN 2278 – 909X).
- Riya Pal, “Measure Of Heat Conduction Through Copper” , International Journal of Advanced Research In Electrical , Electronics & Instrumentation Engineering , 20th June 2015 (ISSN 2278 - 8875).
- Riya Pal , “HY510 Grease – Maximum Temperature Support & Its Application In COB Led In Heat Management” , International Journal of Applied Research , 26th Aug 2015 (ISSN 2394 - 5869).
- Riya Pal, “Free Space Light Communication” , International Journal of Interdisciplinary Research & Innovation , 3rd Feb 2015 (ISSN 2348 - 1226).
- Riya Pal. “PTC-Cu Heat Sensor And Its Application In Inverter’s Thermal Management” , International Journal of Applied Research , 28th Oct 2015 (ISSN 2394 - 5869).
- Riya Pal, “Corrugated Technology-Based Heat Exchanger For Heat Management Of Inverters”, International Journal of Recent And Innovation Trends In Computing & Communication , 15th November 2015 (ISSN 2321-8169).
- Riya Pal, “Negative Role of Atmosphere In Free Space Light Communication”, International Journal of Engineering Research & General Science , March-April 2015 (ISSN 2091 - 2730).
- Riya Pal, “Heat Exchanger Developed for Inverter System Using Copper” , International Journal of Recent & Innovation Trends In Computing & Communication , 15th November 2015 (ISSN 2321-8169).

- Riya Pal, “Thermal Management Of High Heat Dissipating Electronic Components: LED Module & Metal Diodes” , International Journal of Recent & Innovation Trends In Computing & Communication , 15th November 2015 (ISSN : 2321-8169).
- Riya Pal, “Data Resilience: Secure Emergency Backup on Cloud” , International Journal of Advanced Research in Science , Communication & Technology ,Volume 4 , Issue 7 , April 2024 (ISSN : 2581-9429)
- Riya Pal, “Industrial Parameter Monitoring with SMS Alert” , International Journal of Modern Developments in Engineering & Science , Communication & Technology ,Volume 3 , Issue 1 , April 2024 (ISSN : 2583-3138)

III. Books

Nil (in process)

STTPs,FDPs, Workshop, Seminar, Courses attended

- Workshop by Pearl Academy on “21st Century Teacher Training Workshop” at “Jai Hind College”.
- “30 Days Master Class on Java Programming” from 11.04.2022-10.05.2022 by Pantech Learning Pvt. Ltd.
- Software based course on “Video Editing Basics” by Great Learning Academy in June 2022.
- Course on “IOT” by Great Learning Academy in July 2022.
- Webinar on “Modern Digital Electronics” by Dr. Kishor P Sarawadkar, McGrawHill.
- Course on “Visual Graphics in C” by Great Learning Academy in February 2023.

- STTP on “Recent Advancements in Electrical Grid, Renewable Energy and its Application in EVs” organized by The Institution of Engineers (India ,IEI) , Durgapur Local Center & Department of Electrical Engineering , BBIT , Kolkata .
- STTP on “Energy Literacy Training” by Dr. Prof Chetan Singh Solanki (Energy Swaraj Foundation) on 21 March 2023 .
- Seminar on “Exploring the Latest Breakthrough in Analog & RF IC Research : Insight from the Eindhoven University of Technology” by Dr. Peter Baltus , organized by IEEE-IISc VLSI Chapter on July 19,2023.
- Webinar “Simulating Dielectric Variability with the Stochastic Finite Difference Tim Domain Method” by Prof Cynthia Furse , Univ. of Utah, USA , organized by IEEE-IISc VLSI Chapter on Sep 21,2023.
- Webinar “Tips to Avoid & Reduce Plagiarism” by Uday Kashid , organized by Vidyalankar Institute of Technology VIT , Sep 25 , 2023 .
- Research Symposium on “Synergistic Innovations” by Dept of CES & ISE , RNSIT , Bengaluru , IEEE SPS Students Branch Chapter , Nov 17- 2023.
- NFED “Research Writing & Publication Process” , Coimbatore , Tamil Nadu , 25-26 Nov 2023 .
- FDP “IOT with Machine Learning” , 27/11/202 - 02/12/2023 , PVKK Institute of Technology (Pantech) .
- Webinar “Exploring the Latest Breakthroughs in Analog & RF IC Research: Insights from the Eindhoven University of Technology” by Dr. Peter Baltusorganized (Speaker), IEEE-IISc VLSI Chapter on July 19, 2023.

- FDP “FDP on Data Science” , 01/03/2024 - 07/03/2024 , Organized by KCCEMSR in association with IQAC , IETE-SF & CADD,
- Course on “Data Visualization using TABLEAU” , Great Learning Academy , April 2024 .
- Faculty Training Program “National Intellectual Property” , 06 August 2024 , organized by Intellectual Property Office (India) .

STTPs,FDPs, Workshop, Seminar, Conferences organized

- Nil

Subjects taught at Engineering Degree

- NMT
- CP
- BEE(E)
- EDC
- DSD
- LIC
- EICS