



M.J.P. Rohilkhand University, Bareilly

(NAAC A++ Accredited; ISO 9001:2015 & 14001:2015 certified)

Faculty Profile

| | | | | | | |
|--|-----------|---|----------------------------|--------------------------|---|------------|
| Title | Prof. | First Name | Yatendra | Last Name | Kumar | Photograph |
| Designation | | Associate Professor | | | | |
| Department | | Electronics and Instrumentation Engineering | | | | |
| Address | Campus | Electronics and Instrumentation Engineering, F.E.T, M.J.P.R.U., Bareilly. | | | | |
| | Residence | 74/17, S3, Greater Green Park, Bareilly | | | | |
| Mobile No. | | +91-9412510763, 8218927851 | | | | |
| Email ID | | Personal | kyaten76@gmail.com | | | |
| | | University Domain | yatendrakumar@mjprou.ac.in | | | |
| Professional Networking ID, i.e. LinkedIn, Twitter etc. | | Twitter ID : @yatendra_mjprou LinkedIn ID : kyaten76@gmail.com Facebook Id : kyaten76@gmail.com | | | | |
| Educational Qualifications (Graduation Onwards) | | | | | | |
| Course/Degree | | Institution | | Year | Details/Thesis Topic/Subjects | |
| Ph.D. | | IIT(ISN), Dhanbad, JH | | 2022 | Design and Analysis of Circularly Polarized Microstrip Antennas for Wireless Applications | |
| M.Tech (Instrumentation Engg.) | | NIT, Kurukshetra, HR | | 2001 | Embedded system for measurement of relative humidity for Tea Industry | |
| B.Tech (E.I. Engg.) | | M.J.P. Rohilkhand University, Bareilly, UP | | 1999 | Digital inverter system for home applications | |
| Career Profile | | | | | | |
| Organization / Institution | | Designation | | Duration | Nature of Duties | |
| M.J.P. Rohilkhand University, Bareilly, UP | | Professor | | 14.02.2022 to till date | Academic and Research | |
| | | Associate Professor | | 25.08.2011 to 13.02.2022 | Academic and Research | |
| | | Reader | | 26.08.2008 to 25.08.2011 | Academic and Research | |
| | | Lecturer | | 30.09.2002 to 26.08.2008 | Academic and Research | |
| Research Interests / Specialization | | | | | | |
| CP Microstrip Antenna, Left Hand Right Hand CP antenna, Polarization and Pattern Reconfigurable Antenna | | | | | | |
| Research Experience in Years: 20 years | | | | | | |
| No of Research Scholars Successfully Guided | | | | | | |
| Name of Programme | | Awarded | | Under Supervision | | |
| Ph.D. | | --- | | 04 | | |
| Researcher/ Expert ID | | | | | | |
| Scopus | | 57197467835 | | | | |
| Publons | | AFI-4623-2022 | | | | |
| Orcid | | https://orcid.org/0000-0001-7475-062X | | | | |
| Vidwan | | https://vidwan.inflibnet.ac.in/profile/165488 | | | | |
| Google Scholar | | https://scholar.google.com/citations?hl=en&user=L7D06ZwAAAAJ | | | | |
| Practical : Basic Electronics Lab, Digital Electronics Lab, Analog Electronics Lab, Electronic circuit Lab, Microprocessor Lab, Microcontroller Lab | | | | | | |

Honours / Awards & Fellowship FOR OUTSTANDING WORK

| | | | | | | | | | |
|--|------------------------|---|-----------------------|---|----|---|----|---|-----|
| 1 | QIP Fellowship for PhD | 2008 | IIT Delhi | | | | | | |
| 2 | Seed Grant, TEQIP-III | 2019 | NPIU, MHRD, New Delhi | | | | | | |
| Publications /Academic Activities (Numbers Only) | | | | | | | | | |
| Books & Monographs (Single Author) | 02 | Research Papers Published in International Journals | 12 | Papers Presented in Seminars/ Conferences | 04 | Seminars/ Conferences Organized | 06 | Research Projects (Completed) | Nil |
| Books (Co-authored) | 01 | Research Papers Published in Other Journals | 05 | Seminar/ Conferences Attended | 04 | Workshops Organized | 02 | Research Projects (Ongoing) | 0 |
| Books (Edited) | Nil | Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc. | Nil | Sessions Chaired in Seminars/ Conferences | 06 | Membership of Academic/ Professional Bodies | 06 | Foreign Countries Visited for Academic Assignment | Nil |
| Chapters in Edited Books | 10 | | | Resource Lectures Delivered | 10 | | | | |

| Details of Publications /Academic Activities (2010 Onwards) | | | | | |
|--|--|--|---|------------|---------------------|
| (a) Authored Books/ Monographs 03 | | | | | |
| Name of Book | | Year of Publication | Publisher | | ISBN No |
| Basic and Advance: Phython Programming | | 2022 | NIPA International Publication house, New Delhi | | 978-93-91383-63-3 |
| Text book on Sensors and Transduce | | 2012 | Kindle Direct International Publishing, (US) | | 979-8-49493-03893-8 |
| Text book on Process Control & Instrumentation | | 2014 | Lulu international Publication,(US) | | 978-1-387 -53819-5 |
| (b) Edited Books NIL | | | | | |
| Year | Title | Publisher | ISBN | DOI No. | Citations |
| | | | | | |
| (c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals | | | | | |
| Year | Title | Journal | ISSN No | Citati ons | Impact Factor |
| 2023 | Cardiovascular Diseases Identification Using Wavelet Optimization and Modify Cuckoo Search Algorithm | Journal of Computer Science | 1552-6607 | 0 | 1.094 |
| 2022 | Multi-band different polarized monopole antenna with modified ground for WLAN & Wi-MAX applications | International Journal of Electronics | 0020-7217 | 0 | 1.004 |
| 2022 | A Novel Approach of ECG Signal Compression using MRA Analysis based on WPD | Journal of Scientific Research | 2070-0245 | 0 | ---- |
| 2022 | Characterization of dual-band circularly polarized mushroom-shaped monopole antenna with modified ground plane | Frequenz- journal of RF Engineering and Telecommunication | 2191-6349 | 03 | 1.072 |
| 2021 | Compact CP Monopole Antenna with asymmetrical Modified Ground Plane for Wideband Characteristics | Design Engineering | 0011-9342 | 05 | 1.41 |
| 2020 | Design Spline Adaptive Filter with Fractional Order Adaptive Technique for ECG Signal Enhancement | Journal of Augmented Human Research | 2365-4325 | 03 | ---- |
| 2020 | Characterization of CP radiations in a Planar Monopole Antenna using Tuning Fork Fractal Slot for LTE Band13 / Wi-Max and Wi-Fi Applications | IEEE Access | ISSN: 2169-3536 | 16 | 3.476 |
| 2019 | Asymmetrical mirror imaged monopole antenna with modified ground structure for DBDP radiations” | International Journal of Electronics | ISSN: 0020-7217 | 04 | 1.004 |
| 2018 | Compact broadband circularly polarized Hook-shaped microstrip antenna with DGS plane | International Journal of RF and Microwave computer aided Engineering | ISSN: 1099047X | 04 | 1.540 |
| 2018 | Broadband circularly polarized dipole look-like F-shaped antenna with symmetrically inverted F-shaped modified ground plane | Microwave and Optical Technology Letters | ISSN:1098-2760 | 03 | 1.170 |
| (d) Chapter/Paper Published in Edited Books | | | | | |

| Publication | Title of the Book | Title of the Chapter | Name & Address of Publisher | Year | ISBN | DOI | Citation Google/ web of science |
|-------------------------|--|--|-----------------------------|------|---------------|---------------------------------|---------------------------------|
| National/ International | | | | | | | |
| International | Smart Village Infrastructure and Sustainable Rural Communities | COVID-19 Diagnosis and Treatment Challenges in Rural India | IGI Global | 2023 | 9781668464182 | 10.4018/978-1-6684-6418-2.ch011 | ---- |

(e) Invited as Resource Lectures Person/Examiner/Expert

| Resource person | Detail of Event | Title of Lecture | Date | Institution |
|-------------------|--------------------------|---------------------------|-----------|----------------------------------|
| External examiner | B.Tech/M.Tech viva voce | Dissertation presentation | 2010-2015 | Graphic Era University, Dehradun |
| External Expert | Board of studies | BoS | 2010-2015 | Graphic Era University, Dehradun |
| External examiner | B.Tech/ M.Tech viva voce | Dissertation presentation | 2010-2015 | Graphic Era University, Dehradun |

(f) Seminars/Conferences/Workshops Organized

1. Expert Lecture on 4G/5G DRA Antenna by **Dr. Ravi Kumar Gangwar**, Associate Professor Electronics Engineering IIT(ISM) Dhanbad on 18/07/2018
2. Expert Lecture on LHCP and RHCP Antenna by **Dr. Binod Kumar Kanaujia**, Professor and Head, School of computational and integrative science JNU, New Delhi on 18/07/2019
3. A Workshop on Signals, Sensors and Measurement Systems was organized by the department in association with BMS College of Engineering Bangalore from 22/07/2019 to 26/07/2019
4. Expert Lecture on VLSI technology by **Prof Satvrat Jit**, Professor and Head Electronics Engineering IIT(IT BHU) Varanasi on 08/06/2019
5. Expert Lecture on Detecting Addictive Use of Digital Technology Using AI by **Dr. Pinaki Chakraborty**, Assistant Professor NSUIT, Delhi on 05/06/2020.
6. Expert Lecture on Industrial IoT by **Prof Santosh Desai**, Professor, BMS College of Engineering, Bangalore on 07/06/2020
7. Expert Lecture on Industrial Automation by **Mr. Lalat Shankar**, Tetra Pack Pvt. Ltd. Pune on 20/06/2020

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

| Year | Name of Project | Funding Agency | Amount | Duration | |
|------|-----------------|----------------|--------|----------|------|
| | | | | From | Till |
| ---- | ---- | ---- | ---- | ---- | ---- |

(h) Administrative Positions/Assignments Held

| Post | Organization | Duration | |
|-------------------------|--|----------|-----------|
| | | From | To |
| Chief Operating Officer | Rohilkhand Incubation Foundation | 2022 | Till date |
| Convener | Institution's Innovation Council | 2023 | Till date |
| Coordinator | NIRF-Innovation-2023 | 2023 | ---- |
| Head | Electronics and Instrumentation Engineering | 2009 | 2012 |
| Head | Electronics and Instrumentation Engineering | 2018 | 2021 |
| Member | Executive Council, MJPRU | 2008 | 2012 |
| Member | Academic council, MJPRU | 2008 | 2012 |
| Member | Admission committee, MJPRU | 2009 | 2013 |
| Member | Entrance examination committee | 2008 | 2012 |
| Member | Examination Committee, MJPRU | 2008 | 2010 |
| | | 2014 | 2015 |
| Member | University sports council, MJPRU | 2006 | 2009 |
| Member | Organizing Committee North Zone Inter-University Volleyball (Male), M.J.P.R.U., Bareilly, U.P. | 2007 | --- |

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|--|--|--------------|--------------|
| Organizing secretary | North Zone Inter-University Basketball (Male), M.J.P.R.U., Bareilly, U.P. | 2007 | |
| Member | Organizing Committee North Zone Inter-University Volleyball (Female), M.J.P.R.U., Bareilly, U.P. | 2008 | ---- |
| Member | Common syllabus implementing committee, UP | 2011 | 2011 |
| Academic In-Charge | F.E.T. | 2009 | 2012 |
| Assistant Proctor | Proctorial Board, MJPRU | 2003 2015 | 2014 2021 |
| Centre Superintendent | UP B.Ed. Joint entrance Examination | 2007 | 2019 |
| Centre Superintendent | UP CPMT entrance Examination | 2013 | 2015 |
| Centre Superintendent | UP Allahabad High Court Recruitment exam | 2013 2015 | 2013 2015 |
| Centre Superintendent | UP BOR Recruitment Examination | 2015 | 2015 |
| Centre Superintendent | M.Sc. / M.Ed. / LLB/LLM/ B.P.Ed / B.Sc.(Nursing) | 2008 | 2021 |
| Centre Coordinator | Center Evaluation of Improvement examination -2014 | 2014 | 2015 |
| Centre Coordinator | Center Evaluation of main examination -2015 | 2015 | 2015 |
| (i) Seminar/Conference Presentations | | | |
| <ol style="list-style-type: none"> Yatendra Kumar "Characterization of Field Soil Using Sonic Waves" in National Seminar held at Invertis University, Bareilly, 16-17 November, 2013. Yatendra Kumar, A. K. Verma, D. Dubey, and A. K. D. Dwivedi, "Defective ground structure for circularly polarized microstrip antenna with an irregular slot for 2.45 GHz RFID reader," <i>2017 3rd International Conference on Advances in Computing, Communication & Automation (ICACCA) (Fall)</i>, Dehradun, 2017, pp. 1-4, DOI: 10.1109/ICACCAF.2017.8344680. Yatendra Kumar, Ravi Kr. Gangwar, B K. Kanaujia, "Circularly Polarized inverted F-Shaped Antenna with asymmetrically F-Shaped slotted Modified Ground Plane" International Conference on IIWE 2018: IEEE-INAE Workshop on Electromagnetics, Trivandrum, Kerala, December 06-08, 2018. Yatendra Kumar, R. K. Gangwar and B. K. Kanaujia, "Circularly Polarized Monopole Antenna with Modified Ground structure," 2020 URSI Regional Conference on Radio Science (URSI-RCRS), Varanasi, India, 2020, pp. 1-4, DOI: 10.23919/URSIRCRS49211.2020.9113578. | | | |
| (j) Memberships of Academic/Professional Bodies | | | |
| 1. Life Member of ISTE 2. Life Member of IETE 3. Life member of metrological society of India 4. Senior Member of IEEE 5. Senior Member of Instrument Society of America 6. Life member of Institution of Engineers, 7. Life member of instrument society of India, Bangalore | | | |
| (k) <u>Participation in Community Service / Exchange Programme / Consulting Activity</u> | | | |
| | | | |
| (l) International Academic Exposure <u>NIL</u> | | | |
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| (m) Any Other Details | | | |
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