#### K.L.N College of Engineering, Pottapalayam - 630612

### Department of Electrical and Electronics Engineering IEEE E-Journal List -UG - 2022

| S.No. | publication_title  | date_<br>first_<br>issue_<br>online | coverage<br>_depth | publisher<br>_name | publica-<br>tion_<br>type | subtype | subjects  |
|-------|--|-------------------------------------|--------------------|--------------------|---------------------------|---------|---|
| 1     | IEEE Canadian Journal of Electrical and Computer Engineering         | 2021                                | fulltext           | IEEE               | Serial                    | Journal | Computing and Processing  |
| 2     | IEEE Circuits and Systems Magazine                                   | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Components, Circuits, Devices and<br>Systems  |
| 3     | IEEE Control Systems Letters   | 2017                                | fulltext           | IEEE               | Serial                    | Journal | Robotics and Control Systems; Computing and Processing; Components, Circuits, Devices and Systems                           |
| 4     | IEEE Electron Device Letters   | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Engineered Materials, Dielectrics and Plasmas; Components, Circuits, Devices and Systems                                    |
| 5     | IEEE Embedded Systems Letters  | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Computing and Processing; Components, Circuits, Devices and Systems   |
| 6     | IEEE Industrial Electronics Magazine                                 | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Power, Energy and Industry Applications; Signal Processing and Analysis   |
| 7     | IEEE Journal of Solid-State Circuits                                 | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Components, Circuits, Devices and<br>Systems; Engineered Materials,<br>Dielectrics and Plasmas; Computing<br>and Processing |
| 1 8   | IEEE Journal on Emerging and Selected Topics in Circuits and Systems | 2011                                | fulltext           | IEEE               | Serial                    | Journal | Components, Circuits, Devices and Systems   |
| 9     | IEEE Power and Energy Magazine                                       | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Power, Energy and Industry Applications; Geoscience   |
| 10    | IEEE Power Electronics Magazine                                      | 2014                                | fulltext           | IEEE               | Serial                    | Journal | Power, Energy and Industry Applications; Components, Circuits, Devices and Systems  |

| 11 | IEEE Sensors Journal   | 2010 | fulltext | IEEE | Serial | Journal | Signal Processing and Analysis;<br>Communication, Networking and<br>Broadcast Technologies; Components,<br>Circuits, Devices and Systems;<br>Robotics and Control Systems  |
|----|--|------|----------|------|--------|---------|--|
| 12 | IEEE Sensors Letters   | 2017 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems; Robotics and Control Systems; Communication, Networking and Broadcast Technologies; Signal Processing and Analysis  |
| 13 | IEEE Solid-State Circuits Letters                              | 2018 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems; Computing and Processing  |
| 14 | IEEE Solid-State Circuits Magazine                             | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems; Engineered Materials, Dielectrics and Plasmas; Aerospace; Computing and Processing; Fields, Waves and Electromagnetics; Geoscience; Robotics and Control Systems; Signal Processing and Analysis; Transportation; Communication, Networking and Broadcast Technologies; Power, Energy and Industry Applications |
| 15 | IEEE Systems Journal   | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems; Computing and Processing  |
| 16 | IEEE Transactions on Circuits and Systems for Video Technology | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems; Communication, Networking and Broadcast Technologies; Computing and Processing; Signal Processing and Analysis  |
| 17 | IEEE Transactions on Circuits and Systems I: Regular Papers    | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems  |

| 18 | IEEE Transactions on Circuits and Systems II: Express Briefs | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems  |
|----|--|------|----------|------|--------|---------|--|
| 19 | IEEE Transactions on Control Systems Technology              | 2010 | fulltext | IEEE | Serial | Journal | Signal Processing and Analysis;<br>Communication, Networking and<br>Broadcast Technologies; Computing<br>and Processing; Robotics and Control<br>Systems |
| 20 | IEEE Transactions on Electromagnetic Compatibility           | 2010 | fulltext | IEEE | Serial | Journal | Fields, Waves and Electromagnetics;<br>Engineered Materials, Dielectrics and<br>Plasmas  |
| 21 | IEEE Transactions on Electron Devices                        | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and<br>Systems; Engineered Materials,<br>Dielectrics and Plasmas   |
| 22 | IEEE Transactions on Electronics Packaging Manufacturing     | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and<br>Systems; Power, Energy and Industry<br>Applications   |
| 23 | IEEE Transactions on Energy Conversion                       | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Geoscience  |
| 24 | IEEE Transactions on Engineering Management                  | 2010 | fulltext | IEEE | Serial | Journal | Engineering Profession   |
| 25 | IEEE Transactions on Industrial Electronics                  | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry<br>Applications; Signal Processing and<br>Analysis; Communication, Networking<br>and Broadcast Technologies                   |
| 26 | IEEE Transactions on Industrial Informatics                  | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Signal Processing and Analysis; Computing and Processing; Communication, Networking and Broadcast Technologies  |
| 27 | IEEE Transactions on Industry Applications                   | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Signal Processing and Analysis; Fields, Waves and Electromagnetics; Components, Circuits, Devices and Systems   |

| 28 | IEEE Transactions on Instrumentation and Measurement                    | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Components, Circuits, Devices and Systems  |
|----|---|------|----------|------|--------|---------|---|
| 29 | IEEE Transactions on Nanotechnology                                     | 2010 | fulltext | IEEE | Serial | Journal | Components, Circuits, Devices and Systems; Computing and Processing   |
| 30 | IEEE Transactions on Parallel and Distributed Systems                   | 2010 | fulltext | IEEE | Serial | Journal | Computing and Processing; Communication, Networking and Broadcast Technologies  |
| 31 | IEEE Transactions on Power Delivery                                     | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry<br>Applications  |
| 32 | IEEE Transactions on Power Electronics                                  | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Aerospace; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Computing and Processing; Engineered Materials, Dielectrics and Plasmas; Fields, Waves and Electromagnetics; General Topics for Engineers; Nuclear Engineering; Signal Processing and Analysis; Transportation |
| 33 | IEEE Transactions on Power Systems                                      | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Components, Circuits, Devices and Systems  |
| 34 | IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control | 2010 | fulltext | IEEE | Serial | Journal | Fields, Waves and Electromagnetics  |
| 35 | IEEE Transactions on Power Delivery                                     | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry<br>Applications  |
| 36 | IEEE Transactions on Magnetics  | 2010 | fulltext | IEEE | Serial | Journal | Fields, Waves and Electromagnetics  |
| 37 | IEEE Control Systems  | 2010 | fulltext | IEEE | Serial | Journal | Robotics and Control Systems;<br>Computing and Processing;<br>Components, Circuits, Devices and<br>Systems  |

| 38   | IEEE Transactions on Sustainable Energy                           | 2010 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Geoscience; Computing and Processing  |
|------|---|------|----------|------|--------|---------|--|
| 1 39 | IEEE Journal of Emerging and Selected Topics in Power Electronics | 2013 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Components, Circuits, Devices and Systems                                     |
| 40   | IEEE Transactions on Consumer Electronics                         | 2010 | fulltext | IEEE | Serial |         | Power, Energy and Industry Applications; Components, Circuits, Devices and Systems; Fields, Waves and Electromagnetics |

#### K.L.N College of Engineering, Pottapalayam - 630612

### Department of Electrical and Electronics Engineering IEEE E-Journal List -PG - 2022

| 1 | IEEE Electrical Insulation Magazine         | 2010 | fulltext | IEEE | Serial |         | Fields, Waves and Electromagnetics;<br>Engineered Materials, Dielectrics and<br>Plasmas  |
|---|---|------|----------|------|--------|---------|--|
| 2 | IEEE Electrification Magazine               | 2013 | fulltext | IEEE | Serial | Journal | Power, Energy and Industry Applications; Components, Circuits, Devices and Systems; Communication, Networking and Broadcast Technologies; Fields, Waves and Electromagnetics |
| 3 | IEEE Electromagnetic Compatibility Magazine | 2012 | fulltext | IEEE | Serial |         | Fields, Waves and Electromagnetics;<br>Communication, Networking and<br>Broadcast Technologies; Components,<br>Circuits, Devices and Systems;<br>Computing and Processing    |

| 4  | IEEE Transactions on Neural Networks and Learning Systems  | 2012 | fulltext | IEEE | Serial | Journal | Computing and Processing;<br>Communication, Networking and<br>Broadcast Technologies; Components,<br>Circuits, Devices and Systems;<br>General Topics for Engineers |
|----|--|------|----------|------|--------|---------|---|
| 5  | IEEE Journal of Photovoltaics                              | 2011 | fulltext | IEEE | Serial | Journal | Photonics and Electrooptics   |
| 6  | IEEE Transactions on Smart Grid                            | 2010 | fulltext | IEEE | Serial | Journal | Communication, Networking and<br>Broadcast Technologies; Computing<br>and Processing; Power, Energy and<br>Industry Applications                                    |
| 7  | IEEE Transactions on Dielectrics and Electrical Insulation | 2010 | fulltext | IEEE | Serial | Journal | Fields, Waves and Electromagnetics;<br>Engineered Materials, Dielectrics and<br>Plasmas   |
| 8  | IEEE Transactions on Transportation Electrification        | 2015 | fulltext | IEEE | Serial | Journal | Transportation; Aerospace;<br>Components, Circuits, Devices and<br>Systems; Power, Energy and Industry<br>Applications  |
| 9  | IEEE Transactions on Fuzzy Systems                         | 2010 | fulltext | IEEE | Serial | Journal | Computing and Processing  |
| 10 | IEEE Transactions on Neural Networks                       | 2010 | fulltext | IEEE | Serial | Journal | Computing and Processing; Communication, Networking and Broadcast Technologies  |

Library Co-ordinator HOD - EEE

|      | 2018 IEEE  |      |                    |            |   |
|------|--|------|--------------------|------------|---|
| S.NO | Subscription Price List (US\$)   | Vol# | Issues per<br>Year | Pub ID     | Subject Area                            |
|      | Publications   |      |                    |            |   |
| 1.   | IEEE Aerospace and<br>Electronic Systems<br>Magazine (M-AES)                 | 33   | 12                 | PER316-ELE | Aerospace                               |
| 2    | Aerospace and<br>Electronic Systems,<br>IEEE Trans. on* (T-AES)              | 54   | 6                  | PER111-ELE | Aerospace                               |
| 3    | IEEE Antennas and<br>Propagation Magazine<br>(M-AP)                          | 60   | 6                  | PER320-ELE | Antennas                                |
| 4    | Antennas and<br>Propagation, IEEE<br>Trans. on (T-AP)                        | 66   | 12                 | PER104-ELE | Antennas                                |
| 5    | IEEE Antennas and<br>Wireless Propagation<br>Letters* (L-AWP)                | 17   | 12                 | PER189-ELE | Antennas                                |
| 6    | Biomedical and Health<br>Informatics, IEEE<br>Journal of* (J-BHI)            | 22   | 6                  | PER171-ELE | Biomedical                              |
| 7    | Biomedical Circuits and<br>Systems, IEEE Trans. on<br>(T-BCAS)               | 12   | 6                  | PER207-ELE | Biomedical                              |
| 8    | Biomedical Engineering,<br>IEEE Reviews in* (R-BME)                          | 11   | 1                  | PER214-ELE | Biomedical                              |
| 9    | Biomedical Engineering,<br>IEEE Trans. on* (T-BME)                           | 65   | 12                 | PER119-ELE | Biomedical                              |
| 10   | IEEE Circuits and<br>Systems Magazine (M-CAS)                                | 18   | 4                  | PER335-ELE | Circuits and Devices                    |
| 11   | Circuits and Systems for<br>Video Technology,<br>IEEE Trans. on (T-<br>CSVT) | 28   | 12                 | PER153-ELE | Circuit Theory,<br>Analysis, and Design |
| 12   | Circuits and Systems Part I: Regular Papers, IEEE Trans. on (T-CAS1)         | 65   | 12                 | PER200-ELE | Circuit Theory,<br>Analysis, and Design |
| 13   | Circuits and Systems<br>Part II: Express Briefs,<br>IEEE Trans. on (T-CAS2)  | 65   | 12                 | PER201-ELE | Circuit Theory,<br>Analysis, and Design |
| 14   | Computational Imaging, IEEE Trans. on* (T-CI)                                | 4    | 4                  | PER478-ELE | Signal Processing                       |
| 15   | Control of Network<br>Systems, IEEE Trans.<br>on* (T-CNS)                    | 5    | 4                  | PER280-ELE | Control and<br>Automation               |

| 16 | IEEE Control Systems Letters* (L-CSS) NEW! (mid 2017)  | 2  | 4  | PER343-ELE | Control and<br>Automation                       |
|----|--|----|----|------------|---|
| 17 | IEEE Control Systems<br>Magazine (M-CS)  | 38 | 6  | PER305-ELE | Control and<br>Automation                       |
| 18 | Control Systems<br>Technology, IEEE<br>Trans. on (T-CST)   | 26 | 6  | PER161-ELE | Control and<br>Automation                       |
| 19 | Device and Materials<br>Reliability, IEEE Trans.<br>on (T-DMR)   | 18 | 4  | PER187-ELE | Electron Devices                                |
| 20 | IEEE Electromagnetic<br>Compatibility Magazine<br>(M-EMC)  | 7  | 4  | PER259-ELE | Electromagnetic<br>Compatibility                |
| 21 | Electromagnetic<br>Compatibility, IEEE<br>Trans. on (T-EMC)  | 60 | 8  | PER126-ELE | Electromagnetic<br>Compatibility                |
| 22 | Electromagnetic, RF and<br>Microwaves in Medicine<br>and Biology, IEEE<br>Journal of*<br>(J-ERM)                                     | 1  | 4  | PER291-ELE | Biomedical                                      |
| 23 | IEEE Electron Device<br>Letters (L-ED)   | 39 | 12 | PER304-ELE | Electron Devices                                |
| 24 | Electron Devices, IEEE<br>Trans. on (T-ED)   | 65 | 12 | PER115-ELE | Electron Devices                                |
| 25 | Emerging and Selected<br>Topics in Circuits and<br>Systems, IEEE Journal<br>on (JETCAS)  | 8  | 4  | PER174-ELE | Circuits and Devices                            |
| 26 | Image Processing, IEEE Trans. on (T-IP)  | 27 | 12 | PER155-ELE | Signal Processing                               |
| 27 | IEEE Instrumentation<br>and Measurement<br>Magazine (M-IM)   | 21 | 6  | PER332-ELE | Instrumentation, Measurement, and Testing       |
| 28 | Instrumentation and<br>Measurement, IEEE<br>Trans. on (T-IM)<br>Includes Instrumentation<br>and Measurement<br>Magazine at no charge | 67 | 12 | PER458-ELE | Instrumentation,<br>Measurement, and<br>Testing |
| 29 | Medical Imaging, IEEE<br>Trans. on (T-MI)  | 37 | 12 | PER138-ELE | Biomedical                                      |
| 30 | IEEE Microwave and<br>Wireless Components<br>Letters (L-MWC)   | 28 | 12 | PER151-ELE | Microwave                                       |
| 31 | IEEE Microwave<br>Magazine (M-MW)  | 19 | 7  | PER334-ELE | Microwave                                       |
| 32 | Microwave Theory and<br>Techniques, IEEE Trans.<br>on (T-MTT)  | 66 | 14 | PER118-ELE | Microwave                                       |
| 33 | IEEE Nanotechnology<br>Magazine (M-NANO)   | 12 | 4  | PER209-ELE | Interdisciplinary                               |

| 34 | Nanotechnology, IEEE<br>Trans. on* (T-NANO)   | 17 | 6  | PER192-ELE | Interdisciplinary                  |
|----|---|----|----|------------|------------------------------------|
| 35 | Network and Service<br>Management, IEEE<br>Trans. on* (T-NSM)   | 15 | 4  | PER210-ELE | Communications<br>Networks/Systems |
| 36 | Network Science and<br>Engineering, IEEE<br>Trans. on* (T-NSE)  | 5  | 4  | PER279-ELE | Communications<br>Networks/Systems |
| 37 | IEEE Network: The<br>Magazine of Global<br>Internetworking (M-<br>NET)                                | 32 | 6  | PER317-ELE | Communications<br>Networks/Systems |
| 38 | Networking, IEEE/ACM<br>Trans. on* (T-NET)  | 26 | 6  | PER159-ELE | Communications<br>Networks/Systems |
| 39 | Neural Networks and<br>Learning Systems, IEEE<br>Trans. on (T-NNLS)                                   | 29 | 12 | PER149-ELE | Biomedical                         |
| 40 | Neural Systems and<br>Rehabilitation<br>Engineering, IEEE<br>Trans. on* (T-NSRE)                      | 26 | 12 | PER163-ELE | Biomedical                         |
| 41 | Optical Communications<br>and Networking,<br>IEEE/OSA Journal of (J-<br>OCN)                          | 10 | 4  | PER229-ELE | Optics and<br>Optoelectronics      |
| 42 | IEEE Pervasive<br>Computing Magazine<br>(M-PVC)   | 17 | 4  | PER336-ELE | Communication and Information      |
| 43 | IEEE Photonics<br>Technology Letters (L-PT)   | 30 | 24 | PER148-ELE | Optics and<br>Optoelectronics      |
| 44 | Photovoltaics, IEEE<br>Journal of (J-PHOTOV)  | 8  | 6  | PER177-ELE | Optics and<br>Optoelectronics      |
| 45 | IEEE Pulse: A Magazine<br>of the IEEE Engineering<br>in Medicine and Biology<br>Society*<br>(M-PULSE) | 9  | 6  | PER309-ELE | Biomedical                         |
| 46 | Quantum Electronics,<br>IEEE Journal of (J-QE)  | 54 | 6  | PER134-ELE | Optics and<br>Optoelectronics      |
| 47 | Radiation and Plasma<br>Medical Sciences, IEEE<br>Trans. on (T-RPMS)                                  | 2  | 6  | PER292-ELE | Biomedical                         |
| 48 | Radio Frequency<br>Identification, IEEE<br>Journal of* (J-RFID)                                       | 2  | 4  | PER293-ELE | Circuits and Devices               |
| 49 | Reliability, IEEE Trans. on (T-R)   | 67 | 4  | PER109-ELE | Signal Processing                  |
| 50 | Robotics, IEEE Trans.<br>on (T-RO)  | 34 | 6  | PER146-ELE | Robotics and<br>Automation         |
| 51 | IEEE Robotics and<br>Automation Letters* (L-RA)   | 3  | 4  | PER481-ELE | Robotics and<br>Automation         |

|    |  |    | our mar mot | 101 D.E EC |   |
|----|--|----|-------------|------------|---|
| 52 | IEEE Robotics and<br>Automation Magazine<br>(M-RA)                                 | 25 | 4           | PER328-ELE | Robotics and<br>Automation                      |
| 53 | Selected Areas in<br>Communications, IEEE<br>Journal on (J-SAC)                    | 36 | 12          | PER141-ELE | Communication and Information                   |
| 54 | Selected Topics in<br>Quantum Electronics,<br>IEEE Journal of (J-<br>STQE)         | 24 | 6           | PER471-ELE | Optics and<br>Optoelectronics                   |
| 55 | Selected Topics in<br>Signal Processing, IEEE<br>Journal of (J-STSP)               | 12 | 6           | PER211-ELE | Signal Processing                               |
| 56 | Semiconductor<br>Manufacturing, IEEE<br>Trans. on (T-SCM)                          | 31 | 4           | PER145-ELE | Manufacturing (Circuits & Devices)              |
| 57 | IEEE Sensors Journal*<br>(J-SEN)   | 18 | 24          | PER186-ELE | Instrumentation, Measurement, and Testing       |
| 58 | IEEE Sensors Letters* (L-SEN) NEW! (mid-2017)                                      | 2  | 4           | PER342-ELE | Instrumentation,<br>Measurement, and<br>Testing |
| 59 | Signal and Information<br>Processing over<br>Networks, IEEE Trans.<br>on* (T-SIPN) | 4  | 4           | PER290-ELE | Signal Processing                               |
| 60 | IEEE Signal Processing<br>Letters (L-SP)   | 25 | 12          | PER327-ELE | Signal Processing                               |
| 61 | IEEE Signal Processing<br>Magazine (M-SP)  | 35 | 6           | PER310-ELE | Signal Processing                               |
| 62 | Signal Processing, IEEE<br>Trans. on (T-SP)  | 66 | 24          | PER100-ELE | Signal Processing                               |
| 63 | Terahertz Science and<br>Technology, IEEE<br>Trans. on (T-THZ)                     | 8  | 6           | PER195-ELE | Microwave                                       |
| 64 | IEEE Wireless<br>Communications<br>Letters* (L-WC)                                 | 7  | 6           | PER255-ELE | Wireless<br>Communications                      |
| 65 | IEEE Wireless<br>Communications<br>Magazine (M-WC)                                 | 25 | 6           | PER329-ELE | Wireless<br>Communications                      |
| 66 | Wireless<br>Communications, IEEE<br>Trans. on (T-WC)                               | 17 | 12          | PER193-ELE | Wireless<br>Communications                      |

### K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM 630 612 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### **CENTRAL LIBRARY**

21.06.22

| S.No. | E-Journal List  |  |  |  |  |
|-------|---|--|--|--|--|
| 1.    | IEEE Transactions on Computers                                  |  |  |  |  |
| 2.    | IEEE Transactions on Green Communications and Networking        |  |  |  |  |
| 3.    | IEEE Transactions on Image Processing                           |  |  |  |  |
| 4.    | IEEE Transactions on Knowledge and Data Engineering             |  |  |  |  |
| 5.    | IEEE Transactions on Learning Technologies                      |  |  |  |  |
| 6.    | 6. IEEE Transactions on Mobile Computing                        |  |  |  |  |
| 7.    | IEEE Transactions on Multimedia                                 |  |  |  |  |
| 8.    | IEEE Transactions on Network Science and Engineering            |  |  |  |  |
| 9.    | IEEE Transactions on Neural Networks                            |  |  |  |  |
| 10.   | IEEE Transactions on Neural Networks and Learning Systems       |  |  |  |  |
| 11.   | IEEE Transactions on Parallel and Distributed Systems           |  |  |  |  |
| 12.   | IEEE Transactions on Pattern Analysis and Machine Intelligence  |  |  |  |  |
| 13.   | IEEE Transactions on Software Engineering                       |  |  |  |  |
| 14.   | IEEE Transactions on Visualization and Computer Graphics        |  |  |  |  |
| 15.   | IEEE Transactions on Wireless Communications                    |  |  |  |  |
| 16.   | IEEE Wireless Communications                                    |  |  |  |  |
| 17.   | IEEE/ACM Transactions on Audio, Speech, and Language Processing |  |  |  |  |
| 18.   | IEEE/ACM Transactions on Networking                             |  |  |  |  |
| 19.   | IEEE Computer Graphics and Applications                         |  |  |  |  |
| 20.   | IEEE Network  |  |  |  |  |
| 21.   | IEEE Pervasive Computing  |  |  |  |  |
| 22.   | IEEE Software   |  |  |  |  |

Submitted by Dr.S.Subashini, ASP/CSE

HOD/CSE Dr.Miruna Joe Amali

#### K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM

### (An Autonomous Institution, Affiliated to Anna University-Chennai) **Department of Information Technology**

#### Name of IEEE e-Journals available for PG programs

- 1. Big Data, IEEE Trans. On\* (T-BD)
- 2. IEEE Cloud Computing\* (M-CC)
- 3. Cloud Computing, IEEE Trans. On\* (T-CC)
- 4. Emerging Topics in Computing, IEEE Trans, on\* (T-ETC)
- 5. Green Communications and Networking, IEEE Trans, on\*(T-GCN)
- 6. Information Forensics and Security, IEEE Trans. On\* (T-KDE)
- 7. IEEE Intelligent Systems Magazine (M-IS)
- 8. IEEE Internet Computing Magazine (M-IC)
- 9. IEEE Internet of Things Journal\* (J-IOT)
- 10. Knowledge and Data Engineering, IEEE Trans. On\* (T-KDE)
- 11. Mobile Computing, IEEE Trans. On\*(T-MC)
- 12. Robotics, IEEE Trans. On(T-RO)
- 13. IEEE Security & Privacy Magazine (M-S&P)
- 14. Green Communications and Networking, IEEE Trans. On\* (T-MC)
- 15. Mobile Computing, IEEE Trans. On\* (T-MC)
- 16. Networking and Service Management, IEEE Trans. On\*(T-NSM)
- 17. Networking, IEEE/ACM Trans\*(L-NET)
- 18. IEEE Networking Letters\*(L-NET)
- 19. Optical Communications and Networking, IEEE/OSA Journal of (J-OCN)
- 20. Pattern Analysis and Machine Intelligence, IEEE Trans. On\*(T-PAMI)
- 21. IEEE systems, Man, and Cybernetics Magazine\*(M-SMC)
- 22. Wireless Communications, IEEE Trans. On (T-WC)

#### Name of IEEE e-Journals available for UG programs

- 1. Affective Computing, IEEE Trans. On\*(T-AFFC)
- 2. IEEE Annals of the History of computing (M-AHC)

- 3. Automations Science and Engineering, IEEE Trans On(T-ASE)
- 4. Bell Labs Technical Journal Archive Visit <a href="https://www.ieee.org/bell-labs-tech-journal">www.ieee.org/bell-labs-tech-journal</a>
- 5. Big Data, IEEE Trans. On\* (T-BD)
- 6. Cloud Computing, IEEE Trans. On\*(T-CC)
- 7. Cognitive Communications and networking, IEEE Trans. On\* (T-CCN)
- 8. cognitive and Developmental Systems, IEEE Trans on (T-CDS)
- 9. IEEE Communications Letters\* (L-COMM)
- 10. IEEE Communications Magazine (M-COMM)
- 11. Communications, IEEE Trans. On (T-COMM)
- 12. IEEE Communications Standards Magazine (M-COMSTD)
- 13. IEEE Communications Surveys & Tutorials\* (COMST)
- 14. IEEE Computer Architecture Letters\* (L-CA)
- 15. IEEE Computer Graphics and Applications Magazine (M-CG&A)
- 16. Computer Magazine (M-C)
- 17. IEEE Computational Intelligence Magazine (M-CI)
- 18. IEEE Letters of the Computer Society\* (L-OCS) NEW!
- 19. Computers, IEEE Trans. On\*(T-C)
- 20. Computing in Science and Engineering Magazine (CiSE)
- 21. Control of Network Systems, IEEE Trans. On\*(T-CNS)
- 22. Emerging Topics in Computational Intelligence, IEEE Trans. On\*(T-ETCI)
- 23. IEEE Design and Test Magazine (M-D&T)
- 24. IEEE Embedded Systems Letters (L-ES)
- 25. Evolutionary Computation, IEEE Trans. On(T-EVC)
- 26. Fuzzy Systems, IEEE Trans. On (T-FUZZ)
- 27. IEEE Multi Media Magazine (M-MULTI)
- 28. Multi-Scale Computing Systems, IEEE Trans. On\* (T-MSCS)
- 29. Parallel and Distributed Systems, IEEE Trans, on\* (T-PDS)
- 30. Pattern Analysis and Machine Intelligence, IEEE Trans. On\*(T-PAMI)
- 31. IEEE Pervasive Computing Magazine (M-PVC)

- 32. IEEE Robotics and Automation Letters\* (L-RA)
- 33. IEEE Robotics and Automation Magazine (M-RA)
- 34. Selected Area in Communications, IEEE Journal on (J-SAC)
- 35. Services Computing, IEEE Trans. On\* (T-SC)
- 36. Sustainable Computing, IEEE Trans. On\*(T-SUSC)
- 37. IEEE Technology and Society Magazine (M-T&S)
- 38. Visualization and Computer Graphics, IEEE Trans. On\* (T-VCG)
- 39. IEEE Wireless Communications Letters \*(L-WC)
- 40. IEEE Wireless Communications Magazine (M-WC)
- 41. Wireless Communications, IEEE Trans. On (T-WC)
- 42. IEEE Intelligent Transportation systems Magazine (M-ITS)
- 43. Intelligent Vehicles, IEEE Trans. On (T-IV)
- 44. Learning Technology, IEEE Trans. On\* (T-LT)
- 45. Medical Robotics and Bionics, IEEE Trans. On\* (T-MRB)
- 46. Network science and Engineering, IEEE Trans. On\* (T-NSE)
- 47. IEEE Network: The Magazine of Global Internetworking (M-NET)
- 48. Cybernetics, IEEE Trans. On (T-CYB)
- 49. Neural Networks and Learning Systems, IEEE Trans. On (T-NNLS)
- 50. Signal and Information Processing over Networks, IEEE Trans. On\*(T-SIPN)
- 51. Systems, Man and Cybernetics: Systems, IEEE Trans. On (T-SMC)

### K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM – 630611 (An Autonomous Institution) Department of Artificial Intelligence and Data Science

2022 IEEE All-Society Periodical Package (ASPP) Online Title List Non-Member/Institutional Subscription Rates for all IEEE journals, transactions, and magazines.

| S.No. | publication_title                                 | date_first_<br>issue_<br>online | coverage_depth | publisher_name | publica-<br>tion_<br>type | subtype | Subjects  |
|-------|---|---------------------------------|----------------|----------------|---------------------------|---------|---|
| 1     | IEEE<br>Computational<br>Intelligence<br>Magazine | 2010                            | fulltext       | IEEE           | Serial                    | Journal | Computing and Processing; Signal Processing and Analysis; Communication, Networking and Broadcast Technologies  |
| 2     | IEEE Network                                      | 2010                            | fulltext       | IEEE           | Serial                    | Journal | Communication, Networking and Broadcast Technologies; Computing and Processing  |
| 3     | IEEE Robotics &<br>Automation<br>Magazine         | 2010                            | fulltext       | IEEE           | Serial                    | Journal | Robotics and Control Systems; Aerospace; Components, Circuits, Devices and Systems; Computing and Processing; Engineering Profession; General Topics for Engineers; Signal Processing and Analysis; Transportation; Power, Energy and Industry Applications |
| 4     | IEEE Sensors<br>Journal                           | 2010                            | fulltext       | IEEE           | Serial                    | Journal | Signal Processing and Analysis; Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Robotics and Control Systems   |

|    |   | _    |          |      |        |         | <u> </u>  |
|----|---|------|----------|------|--------|---------|---|
| 5  | IEEE<br>Transactions on<br>Artificial<br>Intelligence               | 2020 | fulltext | IEEE | Serial | Journal | Computing and Processing  |
| 6  | IEEE<br>Transactions on<br>Automation<br>Science and<br>Engineering | 2010 | fulltext | IEEE | Serial | Journal | Robotics and<br>Control Systems;<br>Power, Energy and<br>Industry<br>Applications;<br>Components,<br>Circuits, Devices<br>and Systems                                 |
| 7  | IEEE<br>Transactions on<br>Big Data                                 | 2015 | fulltext | IEEE | Serial | Journal | Computing and<br>Processing   |
| 8  | IEEE Transactions on Circuits and Systems I: Regular Papers         | 2010 | fulltext | IEEE | Serial | Journal | Components,<br>Circuits, Devices<br>and Systems   |
| 9  | IEEE<br>Transactions on<br>Computational<br>Imaging                 | 2015 | fulltext | IEEE | Serial | Journal | Signal Processing<br>and Analysis;<br>Computing and<br>Processing; General<br>Topics for<br>Engineers;<br>Geoscience  |
| 10 | IEEE Transactions on Computational Intelligence and AI in Games     | 2010 | fulltext | IEEE | Serial | Journal | Computing and Processing; Communication, Networking and Broadcast Technologies  |
| 11 | IEEE<br>Transactions on<br>Computational<br>Social Systems          | 2014 | fulltext | IEEE | Serial | Journal | Computing and Processing; Communication, Networking and Broadcast Technologies; General Topics for Engineers  |
| 12 | IEEE Transactions on Emerging Topics in Computational Intelligence  | 2017 | fulltext | IEEE | Serial | Journal | Computing and Processing  |
| 13 | IEEE<br>Transactions on<br>Human-<br>Machine<br>Systems             | 2013 | fulltext | IEEE | Serial | Journal | Communication, Networking and Broadcast Technologies; Components, Circuits, Devices and Systems; Signal Processing and Analysis; Robotics and Control Systems; Power, |

|    |   |      |          |      |        |         | Energy and Industry Applications; General Topics for Engineers; Computing and Processing  |
|----|---|------|----------|------|--------|---------|---|
| 14 | IEEE<br>Transactions on<br>Intelligent<br>Transportation<br>Systems | 2010 | fulltext | IEEE | Serial | Journal | Transportation; Aerospace; Communication, Networking and Broadcast Technologies; Computing and Processing; Robotics and Control Systems; Signal Processing and Analysis |
| 15 | IEEE<br>Transactions on<br>Intelligent<br>Vehicles                  | 2016 | fulltext | IEEE | Serial | Journal | Transportation; Robotics and Control Systems; Components, Circuits, Devices and Systems   |
| 16 | IEEE Transactions on Learning Technologies                          | 2010 | fulltext | IEEE | Serial | Journal | Computing and<br>Processing; General<br>Topics for<br>Engineers   |
| 17 | IEEE Transactions on Pattern Analysis and Machine Intelligence      | 2010 | fulltext | IEEE | Serial | Journal | Computing and<br>Processing;<br>Bioengineering  |

# K.L.N College of Engineering Department of ECE IEEE Journal list for M.E Communication system

| S.NO | 2018 IEEE Subscription Price List (US\$) Publications                     | Vol# | Issues per<br>Year | Pub ID         | Subject Area                     |
|------|---|------|--------------------|----------------|----------------------------------|
| 1.   | IEEE Aerospace and<br>Electronic Systems<br>Magazine (M-AES)              | 33   | 12                 | PER316-<br>ELE | Aerospace                        |
| 2.   | IEEE Antennas and<br>Propagation Magazine<br>(M-AP)                       | 60   | 6                  | PER320-<br>ELE | Antennas                         |
| 3.   | Antennas and<br>Propagation, IEEE<br>Trans. on (T-AP)                     | 66   | 12                 | PER104-<br>ELE | Antennas                         |
| 4.   | IEEE Antennas and<br>Wireless Propagation<br>Letters* (L-AWP)             | 17   | 12                 | PER189-<br>ELE | Antennas                         |
| 5.   | Cognitive<br>Communications and<br>Networking, IEEE<br>Trans. on* (T-CCN) | 4    | 4                  | PER476-<br>ELE | Communication and Information    |
| 6.   | IEEE Communications Surveys & Tutorials* (COMST)                          | 20   | 4                  | PER225-<br>ELE | Communication and Information    |
| 7.   | Communications,<br>IEEE Trans. on (T-COMM)                                | 66   | 12                 | PER120-<br>ELE | Communication and Information    |
| 8.   | Cognitive Communications and Networking, IEEE Trans. on* (T-CCN)          | 4    | 4                  | PER476-<br>ELE | Communication and Information    |
| 9.   | IEEE Communications Surveys & Tutorials* (COMST)                          | 20   | 4                  | PER341-<br>ELE | Communication and Information    |
| 10.  | Computational<br>Imaging, IEEE Trans.<br>on* (T-CI)                       | 4    | 4                  | PER478-<br>ELE | Signal Processing                |
| 11.  | IEEE Electromagnetic<br>Compatibility<br>Magazine (M-EMC)                 | 7    | 4                  | PER259-<br>ELE | Electromagnetic<br>Compatibility |
| 12.  | Electromagnetic<br>Compatibility, IEEE<br>Trans. on (T-EMC)               | 60   | 8                  | PER126-<br>ELE | Electromagnetic<br>Compatibility |
| 13.  | Fuzzy Systems, IEEE<br>Trans. on (T-FUZZ)                                 | 26   | 6                  | PER158-<br>ELE | Computational<br>Intelligence    |

# K.L.N College of Engineering Department of ECE IEEE Journal list for M.E Communication system

| 14. | Image Processing,<br>IEEE Trans. on (T-IP)                             | 27 | 12 | PER155-<br>ELE | Signal Processing                             |
|-----|--|----|----|----------------|---|
| 15. | IEEE Microwave and<br>Wireless Components<br>Letters (L-MWC)           | 28 | 12 | PER151-<br>ELE | Microwave                                     |
| 16. | IEEE Microwave<br>Magazine (M-MW)                                      | 19 | 7  | PER334-<br>ELE | Microwave                                     |
| 17. | Microwave Theory<br>and Techniques, IEEE<br>Trans. on (T-MTT)          | 66 | 14 | PER118-<br>ELE | Microwave                                     |
| 18. | Mobile Computing,<br>IEEE Trans. on* (T-MC)                            | 17 | 12 | PER190-<br>ELE | Computer Science & Engineering                |
| 19. | Network and Service<br>Management, IEEE<br>Trans. on* (T-NSM)          | 15 | 4  | PER210-<br>ELE | Communications<br>Networks/Systems            |
| 20. | Network Science and<br>Engineering, IEEE<br>Trans. on* (T-NSE)         | 5  | 4  | PER279-<br>ELE | Communications<br>Networks/Systems            |
| 21. | IEEE Network: The<br>Magazine of Global<br>Internetworking (M-<br>NET) | 32 | 6  | PER317-<br>ELE | Communications<br>Networks/Systems            |
| 22. | Networking,<br>IEEE/ACM Trans.<br>on* (T-NET)                          | 26 | 6  | PER159-<br>ELE | Communications<br>Networks/Systems            |
| 23. | Optical Communications and Networking, IEEE/OSA Journal of (J-OCN)     | 10 | 4  | PER229-<br>ELE | Optics and<br>Optoelectronics                 |
| 24. | Parallel and Distributed Systems, IEEE Trans. on* (T-PDS)              | 29 | 12 | PER150-<br>ELE | Distributed<br>Computing/Real-Time<br>Systems |
| 25. | IEEE Photonics Technology Letters (L-PT)                               | 30 | 24 | PER148-<br>ELE | Optics and<br>Optoelectronics                 |
| 26. | Photovoltaics, IEEE<br>Journal of (J-<br>PHOTOV)                       | 8  | 6  | PER177-<br>ELE | Optics and<br>Optoelectronics                 |
| 27. | Quantum Electronics,<br>IEEE Journal of (J-<br>QE)                     | 54 | 6  | PER134-<br>ELE | Optics and<br>Optoelectronics                 |
| 28. | Reliability, IEEE<br>Trans. on (T-R)                                   | 67 | 4  | PER109-<br>ELE | Signal Processing                             |
| 29. | Robotics, IEEE Trans.<br>on (T-RO)                                     | 34 | 6  | PER146-<br>ELE | Robotics and<br>Automation                    |
| 30. | IEEE Robotics and<br>Automation Letters*<br>(L-RA)                     | 3  | 4  | PER481-<br>ELE | Robotics and<br>Automation                    |
| 31. | IEEE Robotics and<br>Automation Magazine<br>(M-RA)                     | 25 | 4  | PER328-<br>ELE | Robotics and<br>Automation                    |

## K.L.N College of Engineering Department of ECE IEEE Journal list for M.E Communication system

|     |  | ii iiai iist | TOT TATEL | Communic       | auon system                   |
|-----|--|--------------|-----------|----------------|-------------------------------|
| 32. | Selected Areas in<br>Communications,<br>IEEE Journal on (J-<br>SAC)        | 36           | 12        | PER141-<br>ELE | Communication and Information |
| 33. | Selected Topics in<br>Quantum Electronics,<br>IEEE Journal of (J-<br>STQE) | 24           | 6         | PER471-<br>ELE | Optics and<br>Optoelectronics |
| 34. | Selected Topics in<br>Signal Processing,<br>IEEE Journal of (J-<br>STSP)   | 12           | 6         | PER211-<br>ELE | Signal Processing             |
| 35. | Signal and Information Processing over Networks, IEEE Trans. on* (T-SIPN)  | 4            | 4         | PER290-<br>ELE | Signal Processing             |
| 36. | IEEE Signal<br>Processing Letters (L-SP)                                   | 25           | 12        | PER327-<br>ELE | Signal Processing             |
| 37. | IEEE Signal<br>Processing Magazine<br>(M-SP)                               | 35           | 6         | PER310-<br>ELE | Signal Processing             |
| 38. | Signal Processing,<br>IEEE Trans. on (T-SP)                                | 66           | 24        | PER100-<br>ELE | Signal Processing             |
| 39  | Terahertz Science and<br>Technology, IEEE<br>Trans. on (T-THZ)             | 8            | 6         | PER195-<br>ELE | Microwave                     |
| 40. | IEEE Wireless Communications Letters* (L-WC)                               | 7            | 6         | PER255-<br>ELE | Wireless<br>Communications    |
| 41. | IEEE Wireless Communications Magazine (M-WC)                               | 25           | 6         | PER329-<br>ELE | Wireless<br>Communications    |
| 42. | Wireless<br>Communications,<br>IEEE Trans. on (T-WC)                       | 17           | 12        | PER193-<br>ELE | Wireless<br>Communications    |

#### K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM

(An Autonomous Institution, Affiliated to Anna University-Chennai)

#### **Department of Information Technology**

Name of IEEE e-Journals of ME programs

| S.No. | publication_title   | date_<br>first_<br>issue_<br>online | coverage<br>_depth |                    | publica-<br>tion_<br>type |         | subjects  |
|-------|---|-------------------------------------|--------------------|--------------------|---------------------------|---------|---|
| 1     | Bell Labs Technical Journal                                     |                                     | fulltext           | Nokia<br>Bell Labs | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies   |
| 2     | Computing in Science & Engineering                              | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Computing and Processing;<br>Bioengineering; Communication,<br>Networking and Broadcast<br>Technologies   |
| 3     | IEEE Antennas and Propagation<br>Magazine                       | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies; Fields,<br>Waves and Electromagnetics;<br>Engineered Materials, Dielectrics<br>and Plasmas; Photonics and<br>Electrooptics   |
| 4     | IEEE Cloud Computing  | 2014                                | fulltext           | IEEE               | Serial                    | Journal | Computing and Processing;<br>Communication, Networking and<br>Broadcast Technologies  |
| 5     | IEEE Communications Letters                                     | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and Broadcast Technologies  |
| 6     | IEEE Geoscience and Remote Sensing<br>Magazine                  | 2013                                | fulltext           | IEEE               | Serial                    | Journal | Geoscience; Power, Energy and<br>Industry Applications;<br>Communication, Networking and<br>Broadcast Technologies;<br>Components, Circuits, Devices<br>and Systems; Computing and<br>Processing; Signal Processing and<br>Analysis |
| 7     | IEEE Internet of Things Magazine                                | 2018                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies;<br>Computing and Processing  |
| 8     | IEEE Journal of Radio Frequency<br>Identification               | 2017                                | fulltext           | IEEE               | Serial                    | Journal | Fields, Waves and<br>Electromagnetics;<br>Communication, Networking and<br>Broadcast Technologies; Signal<br>Processing and Analysis  |
| 9     | IEEE Networking Letters   | 2019                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies;<br>Computing and Processing  |
| 10    | IEEE Transactions on Cloud Computing                            | 2013                                | fulltext           | IEEE               | Serial                    | Journal | Computing and Processing;<br>Communication, Networking and<br>Broadcast Technologies  |
| 11    | IEEE Transactions on Cognitive<br>Communications and Networking | 2015                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies;<br>Components, Circuits, Devices<br>and Systems; Computing and<br>Processing   |
| 12    | IEEE Transactions on Control of<br>Network Systems              | 2014                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies; Robotics<br>and Control Systems; Signal<br>Processing and Analysis;<br>Components, Circuits, Devices<br>and Systems; Computing and<br>Processing                           |
| 13    | IEEE Transactions on Network and<br>Service Management          | 2010                                | fulltext           | IEEE               | Serial                    | Journal | Communication, Networking and<br>Broadcast Technologies;<br>Computing and Processing  |