

Minutes of the Research Committee (RC) in E & TC meeting held during 13-14, Dec. 2016

Meeting of RC was held at Dr. Babasaheb Ambedkar Technological University, Lonere during 13-14 Dec, 2016.

Following members were present for the meeting:

1. Dr. S. L. Nalbalwar
2. Dr. R. S. Holambe
3. Dr. R.N. Awale
4. Dr. A. B. Nandgaonkar
5. Dr. B.R. Iyer

Dr. S.B. Deosarkar could not attend the meeting.

Following points were discussed and finalized in the meeting:

A] Annual Progress Seminars

Following candidates presented their annual progress seminars before the RC. RC assessed and evaluated their presentations and remarks given by RC are as follows:

Sr. No.	Name of the Candidate	Registration Number & Date	Broad area of research	Remark
1	Rohit Gawade	RS 20120302 24/09/2012	Development of Energy Efficient Techniques for Wireless Network	The research done on improvement of performance of network based on energy and distance is satisfactory. However, we advise to check the effect on other network parameters like throughput PDR and end to end delay.
2	Pavan Paikrao	RS 20120303 24/09/2012	Developing Optimized Signal Processing Techniques for	Quantity of work is not enough for submission.

			Improving the perception of Hearing Impaired	Needs more work.
3	Pallavi Ingale	RS 20130301 13/08/2013	An Information Extraction Approach to Acoustic Signal Processing: Analysis, Segregation and Detection	Quality of work is good. However, needs justification for the approaches used in the technique.
4	Yuvraj Parkale	RS 20130302 13/08/2013	Development of Compressed Sensing Techniques for 1-D and 2-D Signals	Exhaustive experimentation work. Suggested to try for a contribution in the design sparsing matrix based on signal nature, if possible.
5	V.V. Ingale	RS 2009 0302 09/07/2009	Some Studies on HRV Signal Processing	Recommended for Pre-synopsis.
6	M.P. Bhagat	RS 20090303 04/07/2009	Wireless Power Transmission	Experimental work done is good. Optimization and application should be explored.
7	Bhide Girish Govind	RS20140301 20/8/2014	Analysis, Simulation and Design of MSA using suitable Computational EM Method	Fundamentals required for the research are prepared. Needs experimental work on existing techniques and then suggest some technique.
8	Khobragade Sanjay Vivekanand	RS20140302 21/8/2014	Some studies on Fractal Tree MSA for Multiband Application	Several experiments are carried out on design of different shapes of antennas using fractals.

				The design approach used is heuristic. Shapes and performance relation may be used for the design.
9	Kotade Amol Bhaskar	RS20140303 19/8/2014	Analysis of PAPR reduction in OFDM based system and system performance improvement	Fundamentals are studied. Needs further work on experimentation and contribution.
10	Nirmal Pratima Chabbilal	RS20140304 20/8/2014	Minimizing Mutual Coupling in MIMO Antenna	Exhaustive testing, model formation and publication in good journals are expected.
11	Shinde Ashok Naganath	RS20140306 21/8/2014	Compressed Sensing for Biosignals	Progress is good and in proper direction. Suggested to solve the example by considering minimum sample and demonstrate during next APS.
12	Bavkar Sandeep Sarjerao	RS20150301 10/09/2015	Human Brain Distinctiveness Analysis based on EEG	Literature survey is done. Several existing techniques for alcoholic persons are studied. Work on new techniques needs to be started. Problem statement is given.
13	Jagtap Sagar Satyawar	RS20150302 10/09/2015	Some Studies on Smart Antenna for future Wireless	Problem is defined. Literature survey

			Communication	is carried out.
14	Sheth Swarali Prashant	RS20150308 12/09/2015	Some Studies on Analysis, Classification and Representation of EEG Signals	Absent
15	Oak Pratik Vinayak	RS20150307 09/09/2015	Analysis and Detection of Cervix Cancer: An Image Processing Approach	Literature Survey is done. Research problem is defined and started working on the problem.
16	Kadge Sushma Shankar	RS20150303 11/09/2015	Analysis and Classification of Retinal Images	Existing techniques for DR and ROP are studied. Problem statement is given.
17	Munde Mahesh Madanrao	RS20150306 09/09/2015	Impact Analysis of effects of RF on Human Health	Effects of RF on human body are studied. Problem statement is not clear. Needs to define the problem statement.
18	Khadase Rahul Babarao	RS20150304 10/09/2015	Design of Implantable Antenna as a Sensor for Continuous Glucose Monitoring System	Idea is good. Application of antenna into human body of diabetic patient may be hurdle. Extensive discussion with doctor and approvals requirement be look into.
19	Uday Prakash Mithapelli	RS20150305 11/09/2015	Analysis and Classification under water signals	Existing technologies are studied. Problem statement is defined. Experimental results for

				comparison of the existing techniques are required.
--	--	--	--	---

B] Permission for Pre-Synopsis Presentation:

Ms. V.V. Ingale has completed substantial work on her Ph.D. topic and published research paper in International Journal and conferences. The RC recommended her case for pre-synopsis presentation in the next RC meeting.

C] Approval of Biannual Reports:

Biannual progress reports of following research candidates in the department were placed before RC for monitoring the progress of the candidates. RC found their work satisfactory and all these progress reports were approved by committee.

Sr. No.	Name of the Candidate	Registration Number & Date	Broad area of research	Research Guide
1	Rohit Gawade	RS 20120302 24/09/2012	Development of Energy Efficient Techniques for Wireless Network	Dr. S.L. Nalbalwar
2	Pavan Paikrao	RS 20120303 24/09/2012	Developing Optimized Signal Processing Techniques for Improving the perception of Hearing Impaired	Dr. S.L. Nalbalwar
3	Pallavi Ingale	RS 20130301 13/08/2013	An Information Extraction Approach to Acoustic Signal Processing: Analysis, Segregation and Detection	Dr. S.L. Nalbalwar
4	Yuvraj Parkale	RS 20130302 13/08/2013	Development of Compressed Sensing Techniques for 1-D and 2-D Signals	Dr. S.L. Nalbalwar
5	V.V. Ingale	RS 2009 0302 04/07/2009	Some Studies on HRV Signal Processing	Dr. S.L. Nalbalwar
6	M.P. Bhagat	RS 20090303 04/07/2009	Wireless Power Transmission	Dr. S.L. Nalbalwar
7	Bhide Girish Govind	RS20140301 20/8/2014	Analysis, Simulation and Design of MSA using suitable Computational EM Method	Dr. A.B. Nandgaonkar

8	Khobragade Sanjay Vivekanand	RS20140302 21/8/2014	Some studies on Fractal Tree MSA for Multiband Application	Dr. S.L. Nalbalwar Dr. A.B. Nandgaonkar
9	Kotade Amol Bhaskar	RS20140303 19/8/2014	Analysis of PAPR reduction in OFDM based system and system performance improvement	Dr. A.B. Nandgaonkar Dr. S.L. Nalbalwar
10	Nirmal Pratima Chabbilal	RS20140304 20/8/2014	Minimizing Mutual Coupling in MIMO Antenna	Dr. A.B. Nandgaonkar Dr. S.L. Nalbalwar
11	Shinde Ashok Naganath	RS20140306 21/8/2014	Compressed Sensing for Biosignals	Dr. S.L. Nalbalwar Dr. A.B. Nandgaonkar
12	Bavkar Sandeep Sarjerao	RS20150301 10/09/2015	Human Brain Distinctiveness Analysis based on EEG	Dr. S.B. Deosarkar Dr. Brijesh Iyer
13	Jagtap Sagar Satyawar	RS20150302 10/09/2015	Some Studies on Smart Antenna for future Wireless Communication	Dr. S.B. Deosarkar Dr. Brijesh Iyer
14	Sheth Swarali Prashant	RS20150308 12/09/2015	Some Studies on Analysis, Classification and Representation of EEG Signals	Dr. S.L. Nalbalwar Dr. A.B. Nandgaonkar
15	Oak Pratik Vinayak	RS20150307 09/09/2015	Analysis and Detection of Cervix Cancer: An Image Processing Approach	Dr. Brijesh Iyer Dr. S.B. Deosarkar
16	Kadge Sushma Shankar	RS20150303 11/09/2015	Analysis and Classification of Retinal Images	Dr. S.L. Nalbalwar Dr. A.B. Nandgaonkar
17	Munde Mahesh Madanrao	RS20150306 09/09/2015	Impact Analysis of effects of RF on Human Health	Dr. S.B. Deosarkar Dr. A.B. Nandgaonkar
18	Khadase Rahul Babarao	RS20150304 10/09/2015	Design of Implantable Antenna as a Sensor for Continuous Glucose Monitoring System	Dr. A.B. Nandgaonkar
19	Uday Prakash Mithapelli	RS20150305 11/09/2015	Analysis and Classification under water signals	Dr. S.B. Deosarkar Dr. Brijesh Iyer

D] Regarding unavailability of Co-Supervisor Dr. S.S. Tanavade of Mr. Milind Bhagat.

Since last 2-3 years Dr. S.S. Tanavade is not available in the University and found unavailable for the guidance. Hence, it is recommended to remove his role as a Co-supervisor for the said candidate. Henceforth, Dr. S.L. Nalbalwar will be only Supervisor for the reserach.

E] **Research Journals requirement for submission of Thesis:**

Committee has suggested the list of journals for publication of research work carried out by the research scholars. Recommend list is enclosed in the Annexure (A-I). In addition to these journals mentioned in the list, any journal from SCI pool related to area of research is also

acceptable. Any other refereed journal which is not considered in the list and not from SCI pool may be decided by the committee time to time depending on the quality of the journal.

Annexure A-I: List of Journals

Area of Research: Signal Processing

1. Analog Integrated Circuits and Signal Processing, Springer 0925-1030 1573-1979 Netherlands English
2. Biomedical Signal Processing and Control, Elsevier Sci Ltd 1746-8094 1746-8108 England English
3. Circuits Systems and Signal Processing, Springer Birkhauser 0278-081x 1531-5878 United States English
4. Digital Signal Processing, Academic Press Inc, Elsevier Science 1051-2004 1095-4333 United States English
5. Eurasip Journal on Advances in Signal Processing, Springer International Publishing Ag 1687-6180 1687-6180 United States English
6. IEEE Journal of Selected Topics in Signal Processing, IEEE-Inst Electrical Electronics Engineers Inc 1932-4553 1941-0484 United States English,
7. IEEE Signal Processing Letters, IEEE-Inst Electrical Electronics Engineers Inc 1070-9908 1558-2361 United States English
8. IEEE Transactions on Signal Processing, IEEE-Inst Electrical Electronics Engineers Inc 1053-587x 1941-0476 United States
9. IET Signal Processing, Inst Engineering Technology, IET 1751-9675 1751-9683 England
10. IETE Journal of Research, Taylor & Francis Ltd 0377-2063 0974-780x India English
11. Journal Of Fourier Analysis And Applications, Springer Birkhauser 1069-5869 1531-5851 United States
12. International Journal of Adaptive Control and Signal Processing, Wiley-Blackwell 0890-6327 1099-1115 England
13. Journal of Signal Processing Systems for Signal Image And Video Technology, Springer 1939-8018 1939-8115 United States
14. Multidimensional Systems and Signal Processing, Springer 0923-6082 1573-0824 Netherlands English
15. Signal Image and Video Processing, Springer London Ltd 1863-1703 1863-1711 England
16. Signal Processing, Elsevier Science BV, 0165-1684 1879-2677 Netherlands English
17. Signal Processing-Image Communication, Elsevier Science BV, 0923-5965 1879-2677 Netherlands, English
18. IEEE Spectrum, IEEE-INST Electrical Electronics Engineers Inc, 0018-9235 1939-9340, United States, English

19. American Journal of Audiology, Amer Speech-Language-Hearing Assoc 1059-0889 1558-9137 United States
20. American Journal of Speech-Language, Pathology Amer Speech-Language-Hearing Assoc 1058-0360 1558-9110 United States
21. Computer Speech and Language, Academic Press Ltd Elsevier Science Ltd 0885-2308 1095-8363 England
22. Eurasip Journal on Audio Speech and Music Processing, Springer International Publishing AG, 1687-4722 1687-4722 United States
23. IEEE Transactions on Audio Speech and Language Processing, IEEE-Inst Electrical Electronics Engineers Inc, 1558-7916 1558-7924 United States
24. IEEE-ACM Transactions on Audio Speech And Language Processing, IEEE-Inst Electrical Electronics Engineers Inc 2329-9290 United States
25. Journal of Speech Language and Hearing Research, Amer Speech-Language-Hearing Assoc 1092-4388 1558-9102 United States
26. Language and Speech, Sage Publications Ltd 0023-8309 1756-6053 England
27. Seminars in Speech and Language Theme, Medical Publ Inc 0734-0478 1098-9056 United States.
28. Speech Communication, Elsevier Science by 0167-6393 1872-7182 Netherlands
29. Journal of Voice, Mosby-Elsevier 0892-1997 1873-4588 United States
30. International Journal of Speech Technology, Springer Issn: 1381-2416
31. ACS Photonics, AMER Chemical Soc 2330-4022 United States EnglishImage
32. Computer Vision and Image Understanding, Academic Press Inc Elsevier Science 1077-3142 1090-235x United States
33. IEEE Transactions on Image Processing, IEEE-Inst Electrical Electronics Engineers Inc 1057-7149 1941-0042 United States
34. Eurasip Journal on Image and Video Processing, Springer International Publishing Ag 1687-5281 1687-5281 United StatesEnglish
35. IET Image Processing, Inst Engineering Technology-IET 1751-9659 1751-9667 England
36. Image Analysis & Stereology, IntSoc Stereology, 1580-3139 Slovenia
37. Image Analysis & Stereology, IntSoc Stereology, 1580-3139 Slovenia, English
38. Image and Vision Computing, Elsevier Science BV 0262-8856 1872-8138 Netherlands English
39. Imaging Science Journal, Maney Publishing, 1368-2199 1743-131x England
40. Journal of Real-Time Image Processing, Springer Heidelberg 1861-8200 1861-8219 Germany
41. Journal of Signal Processing Systems for Signal Image and Video Technology, Springer 1939-8018 1939-8115, United States
42. Journal of the Optical Society of America, A-Optics Image Science and Vision Optical Soc Amer 1084-7529 1520-8532 United States
43. Journal of Visual Communication and Image Representation, Academic Press Inc Elsevier Science 1047-3203 1095-9076 United States
44. Medical Image Analysis, Elsevier Science by 1361-8415 1361-8423 Netherlands

45. WSEAS Transactions on Signal Processing, World Scientific and Engineering Academy and Society, ISSN17905052, Greece2008-ongoing
46. Mechanical Systems and Signal Processing, Academic Press ISSN 10954333, 10512004 United States, 1987-ongoing
47. Digital Signal Processing: A Review Journal, Academic Press, United States ISSN 10954333, 10512004 ,1991-ongoing
48. Foundations and Trends in Signal Processing, Now Publishers Inc., United States, ISSN 19328354, 19328346, 2007-ongoing
49. APSIPA Transactions on Signal and Information Processing, Cambridge University Press, United Kingdom, ISSN 20487703, 2012 ongoing
50. ISRN Signal Processing, Hindawi Publishing Corporation, United States ISSN 20905041, 2090505X ,2014-ongoing
51. Open Signal Processing Journal, Bentham Science Publishers B.V. Netherlands, ISSN 18768253, 2011, 2013-ongoing
52. International Journal of Circuits, Systems and Signal Processing, North Atlantic University Union NAUN, United States ISSN 19984464, 2011-ongoing.

Area of Research: Wireless, Microwave and Antennas

53. Ad Hoc & Sensor Wireless Networks, Old City Publishing Inc, 1551-9899 1552-0633 United States
54. Eurasip Journal on Wireless Communications and Networking, Springer International Publishing Ag 1687-1499 1687-1499 United States
55. IEEE Antennas and Wireless Propagation Letters, IEEE-Inst Electrical Electronics Engineers Inc 1536-1225 1548-5757 United States
56. IEEE Microwave and Wireless Components Letters, IEEE-Inst Electrical Electronics Engineers Inc 1531-1309 1558-1764 United States English
57. IEEE Transactions on Wireless Communications, IEEE-Inst Electrical Electronics Engineers Inc 1536-1276 1558-2248 United States
58. IEEE Wireless Communications, IEEE-Inst Electrical Electronics Engineers Inc 1536-1284 1558-0687 United States
59. International Journal of Microwave and Wireless Technologies, Cambridge Univ Press 1759-0787 1759-0795 England
60. Wireless Communications & Mobile Computing, Wiley-Blackwell 1530-8669 1530-8677 England English
61. Wireless Networks, Springer 1022-0038 1572-8196 Netherlands English
62. Wireless Personal Communications, Springer 0929-6212 1572-834x Netherlands
63. European Journal of Remote Sensing, Assoc Italiana Telerilevamento 2279-7254 Italy
64. Geoscience & Remote Sensing, Taylor & Francis Ltd 1548-1603 1943-7226 United States
65. IEEE Geoscience and Remote Sensing Letters, IEEE-Inst Electrical Electronics Engineers Inc 1545-598x 1558-0571 United States

66. International Journal of Remote Sensing, Taylor & Francis Ltd 0143-1161 1366-5901 England
67. Journal of the Indian Society of Remote Sensing, Springer 0255-660x 0974-3006 India
68. Remote Sensing, MDPI Ag 2072-4292 2072-4292 Switzerland, English
69. Remote Sensing Letters, Taylor & Francis Ltd 2150-704x 2150-7058, England
70. IEEE Microwave and Wireless Components Letters, IEEE-Inst Electrical Electronics Engineers Inc 1531-1309 1558-1764 United States
71. IEEE Transactions on Microwave Theory and Techniques, IEEE-Inst Electrical Electronics Engineers Inc 0018-9480 1557-9670 United States
72. IET Microwaves Antennas & Propagation, Inst Engineering Technology-IET 1751-8725 1751-8733 England
73. IET Nano biotechnology, Inst Engineering Technology-IET 1751-8741 1751-875x England English
74. IET Optoelectronics, Inst Engineering Technology-IET 1751-8768 1751-8776 England
75. IET Communications, Inst Engineering Technology-IET 1751-8628 1751-8636 England English
76. IET Computer Vision Inst Engineering Technology-IET 1751-9632 1751-9640 England English
77. IET Computers and Digital Techniques Inst Engineering Technology-IET 1751-8601 1751-861x England English
78. IET Control Theory and Applications Inst Engineering Technology-IET 1751-8644 1751-8652 England
79. International Journal of RF And Microwave Computer-Aided Engineering Wiley-Blackwell 1096-4290 1099-047x United States
80. Journal of Microwave Power and Electromagnetic Energy, Int Microwave Power Inst 0832-7823 United States English
81. Microwave and Optical Technology Letters Wiley-Blackwell 0895-2477 1098-2760 United States English
82. Microwave Journal Horizon House Publications Inc 0192-6225 United States
83. International Journal of Electronics and Communications Elsevier GmbH, Urban & Fischer Verlag 1434-8411 1618-0399 Germany
84. Electronics and Communications In Japan, Wiley-Blackwell 1942-9533 1942-9541 United States
85. IEEE Antennas And Wireless Propagation Letters IEEE-Inst Electrical Electronics Engineers Inc 1536-1225 1548-5757 United States
86. IEEE Communications Letters, IEEE-Inst Electrical Electronics Engineers, Inc 1089-7798 1558-2558 United States English
87. IEEE Journal of Oceanic Engineering, IEEE-Inst Electrical Electronics Engineers Inc 0364-9059 1558-1691, United States
88. IEEE Journal on Selected Areas in Communications, IEEE-Inst Electrical Electronics Engineers Inc 0733-8716 1558-0008, United States

89. IEEE Sensors Journal, IEEE-Inst Electrical Electronics Engineers Inc 1530-437x 1558-1748, United States
90. IEEE Transactions on Antennas And Propagation, IEEE-Inst Electrical Electronics Engineers Inc 0018-926x 1558-2221, United States
91. IEEE Transactions on Communications, IEEE-Inst Electrical Electronics Engineers Inc 0090-6778 1558-0857, United States
92. IEEE Transactions on Human-Machine Systems, IEEE-Inst Electrical Electronics Engineers Inc 2168-2291 2168-2305 United States.
93. International Journal of Microwave Science and Technology, Hindawi Publishing Corporation, ISSN16875826, 16875834
94. Progress in Electromagnetic Research, EMW Publishing, ISSN 10704698, 2000-ongoing
95. Journal of Sensors, Hindawi Publishing Corporation 1687-725x 1687-7268 United States English.
96. IEEE Internet Of Things Journal, IEEE-Inst Electrical Electronics Engineers, Inc 2327-4662 United States English.
97. Advances in Internet of Things, Scientific Research Publishing Inc, 2161-6817 2161-6825 United States English.
98. SpringerPlus, **Publisher:** Springer International Publishing (SpringerOpen), ISSN: 2193-1801 (Online), **Coverage:** Volume 1 / 2012 - Volume 5 / 2016, **Impact Factor** (2015): 0.982 (Thomson Reuters), United Kingdom

Area of Research: Biomedical Engineering

99. Biosensors & Bioelectronics, Elsevier Advanced Technology 0956-5663 1873-4235 Netherlands
100. IEEE Transactions on Biomedical Circuits and Systems, IEEE-Inst Electrical Electronics Engineers Inc 1932-4545 1940-9990, United States
101. IEEE Transactions on Biomedical Circuits and Systems, IEEE-Inst Electrical Electronics Engineers Inc 1932-4545 1940-9990 United States English
102. IEEE Transactions on Biomedical Engineering, IEEE-Inst Electrical Electronics Engineers Inc 0018-9294 1558-2531, United States
103. IEEE Transactions on Nano bioscience, IEEE-Inst Electrical Electronics Engineers Inc 1536-1241 1558-2639 United States
104. Annals of Biomedical Engineering, Springer 0090-6964 1573-9686 United States
105. Annual Review of Biomedical Engineering Annual Reviews, 1523-9829, United States
106. Bio-cybernetics and Biomedical Engineering, Pwn-Polish Scientific Publ 0208-5216 Poland
107. Biomedical Engineering, Online Biomed Central Ltd 1475-925x England English
108. Biomedical Engineering-Biomedizinische Technik Walter De Gruyter GmbH 0013-5585 1862-278x Germany, English
109. Biomedical Materials, Iop Publishing Ltd 1748-6041 1748-605x England, English

110. Bio-Medical Materials and Engineering, Ios Press 0959-2989 1878-3619 Netherlands, English
111. Biomedical Micro devices, Springer 1387-2176 1572-8781 Netherlands English
112. Biomedical Optics Express, Optical Soc Amer 2156-7085 United States English
113. Biomedical Papers-Olomouc Palacky Univ, Medical Fac 1213-8118 1804-7521 Czech Republic English
114. Biomedical Research-India Scientific Publishers India 0970-938x 0976-1683 India English
115. Biomedical Research-Tokyo Biomedical Research Press Ltd 0388-6107 1880-313x Japan English
116. Biomedical Signal Processing and Control Elsevier Sci Ltd 1746-8094 1746-8108 England
117. Computer Methods in Biomechanics and Biomedical Engineering, Taylor & Francis Ltd 1025-5842 1476-8259 England
118. IEEE Journal of Biomedical and Health Informatics, IEEE-Inst Electrical Electronics Engineers Inc 2168-2194 2168-2194 United States
119. IEEE Transactions On Biomedical Circuits And Systems, IEEE-Inst Electrical Electronics Engineers Inc 1932-4545 1940-9990 United States English
120. IEEE Transactions on Biomedical Engineering, IEEE-Inst Electrical Electronics Engineers Inc 0018-9294 1558-2531 United States
121. International Journal for Numerical Methods in Biomedical Engineering, Wiley-Blackwell 2040-7939 2040-7947 England
122. Journal of Biomedical Informatics, Academic Press Inc Elsevier Science 1532-0464 1532-0480 United States English
123. Journal of Biomedical Materials Research, Part A Wiley-Blackwell 1549-3296 1552-4965 United States English
124. Journal of Biomedical Materials Research, Part B-Applied Biomaterials Wiley-Blackwell 1552-4973 1552-4981 United States English
125. Journal of Biomedical Nanotechnology, Amer Scientific Publishers 1550-7033 1550-7041 United States English
126. Journal of Biomedical Optics, Spie-Soc Photo-Optical Instrumentation Engineers 1083-3668 1560-2281 United States English
127. Journal of Biomedical Science, Biomed Central Ltd 1021-7770 1423-0127 Taiwan English
128. Journal of Bio-molecular, Nmr Springer 0925-2738 1573-5001 Netherlands English
129. Journal of Bio-molecular Screening, Sage Publications Inc 1087-0571 1552-454x United States English
130. Journal of Bio-molecular Structure & Dynamics, Taylor & Francis Inc 0739-1102 1538-0254 United States English
131. Journal of Bionic Engineering Science, Press 1672-6529 Peoples R China English
132. Journal of Biopharmaceutical Statistics, Taylor & Francis Inc 1054-3406 1520-5711 United States English
133. Journal of Bio-photonics, Wiley-V C H VerlagGmbh 1864-063x 1864-0648 Germany English

134. Journal of Bioscience And Bioengineering Soc Bioscience Bioengineering, Japan 1389-1723 1347-4421 Japan, English
135. Journal of Biosciences, Indian Acad Sciences 0250-5991 0973-7138 India English
136. Journal of Biotechnology, Elsevier Science bv 0168-1656 1873-4863 Netherlands

Area of Research: Communication

137. IEEE Communications Letters, IEEE-Inst Electrical Electronics Engineers Inc 1089-7798 1558-2558 United States English
138. IEICE Transactions on Electronics, IEICE-Inst Electronics Information Communications Eng 0916-8524 1745-1353 Japan English
139. IEICE Transactions on Fundamentals Of Electronics Communications And Computing, IEERIC Sec-Inenstc Eeslectronics Information Communications Engg 0916-8508 1745-1337 Japan
140. IET Communications Inst Engineering Technology-IET 1751-8628 1751-8636 England English
141. IET Computer Vision Inst Engineering Technology-IET 1751-9632 1751-9640 England English
142. IET Computers and Digital Techniques Inst Engineering Technology-IET 1751-8601 1751-861x England English
143. International Journal of Communication Systems Wiley-Blackwell 1074-5351 1099-1131 England
144. International Journal of Computers Communications, & Control CccPubl-Agora Univ 1841-9836 1841-9844 Romania
145. Journal of Optical Communications and Networking Optical SocAmer 1943-0620 1943-0639 United States
146. Journal of Optical Technology, Optical Soc Amer 1070-9762 1091-0786 Russia English
147. Journal of Optics Iop Publishing Ltd 2040-8978 2040-8986 England English
148. Journal of Optimization Theory and Applications Springer/Plenum Publishers 0022-3239 1573-2878 United States English
149. Journal of Optoelectronics and Advanced Materials, Natl Inst Optoelectronics 1454-4164 1841-7132, Romania

Area of Research: Optimization

150. Numerical Functional Analysis and Optimization, Taylor & Francis Inc 0163-0563 1532-2467, United States
151. Optimization, Taylor & Francis Ltd 0233-1934 1029-4945 England English
152. Optimization and Engineering, Springer 1389-4420 1573-2924 United States English
153. Optimization Letters, Springer Heidelberg 1862-4472 1862-4480 Germany English
154. Optimization Methods & Software, Taylor & Francis Ltd 1055-6788 1029-4937 England
155. Siam Journal on Control And Optimization, Siam Publications 0363-0129 1095-7138 United States
156. Siam Journal on Optimization, Siam Publications 1052-6234 1095-7189 United States

- 157. Applied Mathematics and Optimization, Springer 0095-4616 1432-0606 Germany
- 158. Computational Optimization and Applications, Springer 0926-6003 1573-2894 United States
- 159. Discrete Optimization, Elsevier Science by 1572-5286 1873-636x Netherlands
- 160. Engineering Optimization, Taylor & Francis Ltd 0305-215x 1029-0273 England
- 161. Fuzzy Optimization and Decision Making, Springer 1568-4539 1573-2908 United States
- 162. Journal of Global Optimization, Springer 0925-5001 1573-2916 Netherlands
- 163. Journal of Optimization Theory and Applications, Springer/Plenum Publishers 0022-3239 1573-2878 United States