



IOSR Journals

International Organization
of Scientific Research

IOSR Journal of Electronics and Communication Engineering

e-ISSN : 2278-2834

Volume : 17 Issue : 5 Series 1

p-ISSN : 2278-8735

**W
O
R
L
D
J
O
U
R
N
A
L
O
F
E
L
E
C
T
R
O
N
I
C
S
A
N
D
C
O
M
M
U
N
I
C
A
T
I
O
N
E
N
G
I
N
E
E
R
I
N
G**

Contents:

Inset – Fed Rectangular Microstrip Antenna Optimized at 28 GHz for 5G Communication Systems	01-04
Leaf Disease Detection and Classification based on Machine Learning	05-10
Design of Circularly Polarized Circular Patch antenna for 5G Applications	11-14
Study the performance of GeSn/SiGeSn quantum well infrared photodetector on silicon-on-insulator in mid-infrared region	15-26
Utilizing Phase Congruency Concept-based Algorithm as an Error Mitigation Technique for UWB Signals in Multipath Fading Channels	27-37
A Review of Secure Image Technique with Chaotic Encryption	38-43
Ultra High multi channel clock frequency (THz, PHz, EHz, ZHz, YHz, XHz, WHz) baud rate speed PRBS Transceiver HDL RTL ASIC Design for Ultra High long Distance Wireless Communication Engineering Smart Computing Products/ Applications	44-52
Ultra High Frequency Baud rate data transfer speed (Tera, Peta, Exa, Zetta, Yotta, Xona, Weka Hertz Data T/s) General Data and PRBS Data Serialize De-Serialize ASIC /SOC Array card Design using FDSOI Technology for Ultra high Speed long distance 6th sense space/satellite Wireless communication Engineering Smart computing products/ Applications	53-62
Analysis of Performance Parameter In Terms Of THD and Time-Delay	63-67