


B. Hari Kumar

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| Name of the Faculty | Budhavarapu Hari Kumar |  |
| Designation | Professor | |
| Department | Electronics and Communication Engineering | |
| Area of Interest | Global Positioning System, Microwave Engineering | |
| Subjects Taught | EM Theory, Antennas and Wave Propagation, Radar Systems | |
| JNTUH Registration Id | 1393-170913-143343 | |
| College Staff Code | SC 1247 | |
| Official Mail | harikumar.ece@gcet.edu.in | |

Educational Qualifications:

| S.No. | Degree | Specialization | University/College | Year |
|--------------|---------------|-----------------------------------|---|-------------|
| 1 | S.S.C | ----- | Board of Secondary School Education, AP | 1977 |
| 2 | Intermediate | M.P.C | Board of Intermediate Education, AP | 1979 |
| 3 | B.E | Electronics & Communication Engg. | Andhra University Visakhapatnam | 1983 |
| 4 | M.E | Microwave & Radar Engg. | Osmania University Hyderabad | 1986 |

Paper Publications:

| S. No. | Publication details |
|---------------|---|
| 1 | Determination of GPS Receiver Position using Linearization and Bancroft Algorithms IETECH Journal of Communication Techniques, Vol. 2, No. 1, pp 14– 16, 2008 |
| 2 | Determination of GPS receiver position using Multivariate Newton-Raphson Technique for over specified cases IJAER International Journal of Applied Engineering Research, Vol. 3, No. 11, 1457-1460 2008, Scopus Indexed |
| 3 | Determination of GPS receiver position using Multivariate Newton-Raphson Technique for over specified cases IJAER, International Journal of Applied Engineering Research, Vol.3, Issue - 11 1457-1460, 2008, ISSN: 0973-4562, UGC Approved Journal - 2017 (Journal No. - 64529) |
| 4 | Non-linearity Effects in Pseudolites and Stratolites IETECH Journal of Communication Techniques, Vol. 3, No. 2, 44-46, 2009 |
| 5 | GPS User Position Using Extended Linearization Technique IJETT, International Journal of Engineering Trends and Technology, Vol.2, Issue2 34-37, 2011, ISSN: 2231-5381, 2.88 |
| 6 | Linearization Technique for Measurement of GPS User Position IJITE, International Journal in IT and Engineering, Vol.03 Issue-05, 14-21, May, 2015 ISSN: 2321-1776 |
| 7 | Zigbee Based E-Menu Ordering System IJRDT International Journal for Research and Development in Technology, Vol.05 Issue-04, April, 2016 |
| 8 | Determination of Tropospheric Delay for GPS Satellite Signals IJARECE (International Journal of Advanced Research in Electronics and Communication Engineering), Vol-5, Issue 7, 1977-1981, April- 2016 ISSN: 2278 – 909X |
| 9 | Estimation of GPS User Location Using Linearization Technique and Bancroft Algorithms. IJRITCC (International Journal on Recent and Innovation Trends in Computing and Communication), Vol-4, Issue 7, 118 – 122, April-2016, ISSN: 2321-8169 |
| 10 | Bank Security system Using GSM Technology with ARM7 Processor. IJRASAT (International Journal for Research in Applied Science & Science Engineering Technology), Vol-5, Issue 4, April-2017 |
| 11 | GSM Based Embedded Mobile Web Server for Monitoring Aged People IJRASET (International Journal for Research in Applied Science & Science Engineering Technology), Vol-5, Issue 3, April-2017, ISSN: 2321-9653 |
| 12 | An Effective Low Power Frequency Synthesizer for On-Chip Clock Generation International Journal of Research, Volume VIII, Issue IV, 1529-1537, April 2019, ISSN NO:2236-6124 |

Books/Book Chapters Published:

| S. No. | Publication details |
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Experience:

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| Teaching | 36 Years |
| Industry | ---- |
| Research | ---- |
| Total Experience | 36 Years |

