

RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

WEB OF SCIENCE (SCI/SCIE/ESCI) INDEXED JOURNALS

AY: 2019-2020

1. T. J. C. Prasad et al "Optical and spectroscopic properties of Ho³⁺-doped fluoro phosphate glasses for visible lighting applications." *Materials Research Bulletin* (2019): 110753. [SCI] GG
2. T. Manasa Veena, D. Satyanarayana and MN Giri Prasad, "Coding Structure of JMVDC Along Saliency Mapping: A Perspective Compression Technique" *International Journal of Communication Systems(IJCS)*, Paper Id:IJCS-19-0699, Online ISSN:1099-1131© John Wiley & Sons Ltd. [SCI]
3. A. Kumar, V. Ramesh Kumar. B. K. Kaushik, "Transient Analysis of Crosstalk Induced Effects in Mixed CNT Bundle Interconnects Using FDTD Technique" *IEEE Trans. on Electromagnetic Compatibility*, vol. 61, no. 5. pp. 1621-1629, Oct. 2019. DOI: [10.1109/TEMC.2018.2872899](https://doi.org/10.1109/TEMC.2018.2872899). Citation: 1. [SCI]
4. B. Divya Madhuri , S. Sunithamani, S.J. Basha, and **V. Ramesh Kumar** "Design of Hardened Flip-flop using Schmitt Trigger-Based SEM Latch in CNTFET Technology, *Emerald Circuit World*," 1 June, 2020 (Early access). [SCI]
5. S.J. Basha, and **V. Ramesh Kumar**, "Design of MWCNT based Through Silicon Vias with Polymer Liners to Reduce the Crosstalk Effects," *ECS Journal of Solid State and Technology*, vol. 9, pp. 041002, 1-5, April 2020. [SCI]
6. J.Sofia Priya Dharshini "Emperor Penguin Optimized User Association Scheme for MMWAVE Wireless Communication," 'Springer' *Wireless Personal Communications*, 10 April 2020. [SCI]. GG

7. Naik, R. Hanuma, DV Ashok Kumar, and P. Sujatha. "Independent controller design for MIMO processes based on extended simplified decoupler and equivalent transfer function." *Ain Shams Engineering Journal* (2019).DOI:[10.1016/j.asej.2017.10.011](https://doi.org/10.1016/j.asej.2017.10.011).**[SCIE]. GG**
8. Mohd. Aslam, Girjesh Korram, Dheeraj Sharma, Shivendra Yadav and Neeraj Sharma, "Enhancement of the DC Performance of PNP Hetero Dielectric Box Tunnel Field Effect Transistor for Low Power Applications" *Journal of Computational*, pp. 1-6, Dec. 2019, DOI: [10.1007/s10825-019-01427-y](https://doi.org/10.1007/s10825-019-01427-y).**[SCI]**
9. Mohd. Aslam, Girjesh Korram , Dheeraj Sharma, Shivendra Yadav, and Neeraj Sharma, " Enhancement of the DC Performance of a PNP Hetero Dielectric Box Tunnel Field Effect Transistor for Low Power Applications ", *Journal of computational electronics*, Dec. 2019, DOI:[10.1007/s10825-019-01427-y](https://doi.org/10.1007/s10825-019-01427-y).**[SCIE]**

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1. T. J. C. Prasad et al "Investigating the effect of chirality, oxide thickness, temperature and channel length variation on a threshold voltage of MOSFET, GNR FET, and CNTFET", *Journal of mechanics of continua and mathematical sciences*, pp. 232-244, September, 2019. DOI: [10.26782/jmcms.spl.3/2019.09.00018](https://doi.org/10.26782/jmcms.spl.3/2019.09.00018), (Impact factor – 2.62). **[ESCI]. GG**
2. Ramanjaneyulu N., Satyanarayana D., Satya Prasad K." Analysis of delay cell based voltage controlled Ring Oscillator in CMOS". *Journal of Mechanics of continua and mathematical sciences*, Vol 5, JAN 2020, PP 342-356, ISSN 0973-8975.**[ESCI]**
3. Anchula Sathish, V Phalguna Kumar "MODIFIED QRS DETECTION ALGORITHM FOR ECG SIGNALS", *Journal. Mech. Cont.& Math. Sci.*, Special Issue, No.-5, January (2020) pp 84-94, DOI: [10.26782/jmcms.spl.5/2020.01.00007](https://doi.org/10.26782/jmcms.spl.5/2020.01.00007) . **[ESCI]**
4. Hanuma Naik, R., Kumar, D. V. A., & Gopi Krishna Rao, P. V. Improved centralised control system for rejection of loop interaction in coupled tank system. *Indian Chemical*

Engineer, 2019, pp. 1–20. doi:10.1080/00194506.2019.1647800.[Citation = 01] [August 2019]. [ESCI] CITATION:02.GG

5. C. Venkataiah, V.N.V. Satya Prakash, K. Mallikarjuna and T. Jayachandra Prasad, “Investigating the effect of chirality, oxide thickness, temperature and channel length variation on a threshold voltage of MOSFET, GNRFET, and CNTFET”, Journal of mechanics of continua and mathematical sciences, pp 232-244, September, 2019. <https://doi.org/10.26782/jmcms.spl.3/2019.09.00018>, (Impact factor – 2.62, ESCI Indexing). [ESCI]. GG
6. C. Venkataiah, V.N.V. Satya Prakash, K. Mallikarjuna and T. Jayachandra Prasad, “Investigating the effect of chirality, oxide thickness, temperature and channel length variation on a threshold voltage of MOSFET, GNRFET, and CNTFET”, Journal of mechanics of continua and mathematical sciences, pp 232-244, September, 2019. <https://doi.org/10.26782/jmcms.spl.3/2019.09.00018>, (Impact factor – 2.62, ESCI Indexing). [ESCI]. GG
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8. C.Venkataiah, V.N.V. Satya Prakash, K. Mallikarjuna and T. Jayachandra Prasad, “Investigating the effect of chirality, oxide thickness, temperature and channel length variation on a threshold voltage of MOSFET, GNRFET, and CNTFET”, Journal of mechanics of continua and mathematical sciences, pp 232-244, September, 2019. <https://doi.org/10.26782/jmcms.spl.3/2019.09.00018>, (Impact factor – 2.62, ESCI Indexing). [ESCI]. GG
9. Ramanjaneyulu N., Satyanarayana D., Satya Prasad K." Analysis of delay cell based voltage controlled Ring Oscillator in CMOS". Journal of Mechanics of continua and mathematical sciences, Vol 5, JAN 2020, PP 342-356, ISSN 0973-8975. [ESCI]
10. Y.Madhu Sudhana Reddy ,R.S. Ernest Ravindran , “A Composite Future Set Based Blood Vessel Segmentation in Retinal Images Through Supervised Learning”, Journal of

Mechanics of Continua and Mathematical Sciences, ISSN (Online) : 2454 -7190 Vol.-14,
No.-5, Sept - Oct (2019) pp 111-130 ISSN (Print) 0973-
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