

Title of the collaborative activity	Link to the relevant document
A.C. conductivity and dielectric properties of $\text{Se}_{90}\text{Cd}_6\text{Sb}_4$ glassy alloy	<a href="https://www.researchgate.net/publication/303367060">https://www.researchgate.net/publication/303367060</a>
Dependence of dielectric parameters and a.c. conductivity on frequency and temperature in bulk $\text{Se}_{90}\text{Cd}_8\text{In}_2$ glassy alloy	<a href="#">47_ShuklaN.pdf (chalcogen.ro)</a>
Deposition and characterisation of spray-deposited nanocrystalline $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ thin films for photovoltaic device applications	<a href="https://doi.org/10.1080/14328917.2016.1220153">https://doi.org/10.1080/14328917.2016.1220153</a>
Dielectric relaxation and AC conductivity studies of $\text{Se}_{90}\text{Cd}_{10-x}\text{In}_x$ glassy alloys	<a href="https://doi.org/10.1016/j.jascer.2016.02.003">https://doi.org/10.1016/j.jascer.2016.02.003</a>
Dielectric Relaxation in Glassy $\text{Se}_{90}\text{Cd}_6\text{In}_4$	<a href="https://doi.org/10.1049/el.2016.1798">DOI:10.1049/el.2016.1798</a>
Dielectric relaxation studies in $\text{Se}_{90}\text{Cd}_8\text{Sb}_2$ glassy alloy	<a href="https://doi.org/10.1063/1.4946434">https://doi.org/10.1063/1.4946434</a>
Experimental studies of dielectric relaxation and thermally activated a.c. conduction in $\text{Se}_{90}\text{Cd}_{10-x}\text{Sb}_x$ ( $2 \leq x \leq 8$ ) chalcogenide glassy alloys using correlated barrier hopping model	<a href="https://doi.org/10.1007/s10854-016-5352-1">DOI:10.1007/s10854-016-5352-1</a>
Genetic algorithm optimized impact assessment of optimally placed DGs and FACTS controller with different load models from minimum total real power loss viewpoint	<a href="https://doi.org/10.1016/j.enbuild.2016.05.033">https://doi.org/10.1016/j.enbuild.2016.05.033</a>
Simultaneous treatment and energy production from PIW using electro coagulation & microbial fuel cell	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2213343716303815">https://www.sciencedirect.com/science/article/abs/pii/S2213343716303815</a>
Structural and optical properties of In doped Se-Te phase-change thin films: A material for optical data storage	<a href="https://doi.org/10.1016/j.optmat.2015.12.008">https://doi.org/10.1016/j.optmat.2015.12.008</a>
Structural, optical and electrical characterization of nanocrystalline CdO films for device applications	<a href="https://doi.org/10.1016/j.ijleo.2016.01.186">https://doi.org/10.1016/j.ijleo.2016.01.186</a>
Study of Thermo-Mechanical Properties of $\text{Se}_{75-x}\text{Te}_{25}\text{In}_x$ ( $0 \leq x \leq 9$ ) Glassy Alloys	<a href="https://doi.org/10.1166/mat.2016.1305">https://doi.org/10.1166/mat.2016.1305</a>
Study on optical investigations and DC conduction mechanism in polycrystalline chalcogenide (Cd, Zn) semiconductor films grown by screen-printing method	<a href="https://doi.org/10.1007/s10854-016-5717-5">DOI:10.1007/s10854-016-5717-5</a>
Tailoring of optical band gap by varying Zn content in $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ thin films prepared by spray pyrolysis method	<a href="https://doi.org/10.1063/1.4946675">https://doi.org/10.1063/1.4946675</a>
Thermal annealing induced structural and optical properties of $\text{Se}_{72}\text{Te}_{25}\text{In}_3$ thin films	<a href="https://doi.org/10.1063/1.4946373">https://doi.org/10.1063/1.4946373</a>

“Research Methodology”	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/ESKlgBM1KNRGsmJnCBqKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/ESKlgBM1KNRGsmJnCBqKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs</a>
Chalcogenide glass: fabrication techniques, properties and applications	<a href="https://doi.org/10.1080/00150193.2017.1412187">https://doi.org/10.1080/00150193.2017.1412187</a>
Distributed generation planning from power system performances viewpoints: A taxonomical survey	<a href="https://doi.org/10.1016/j.rser.2016.11.143">https://doi.org/10.1016/j.rser.2016.11.143</a>
GA-based multi-objective optimization for distributed generations planning with DLMs in distribution power systems	<a href="https://doi.org/10.1016/j.jesit.2016.10.012">https://doi.org/10.1016/j.jesit.2016.10.012</a>
Glass transition kinetics and thermal stability of $\text{Se}_{82-x}\text{Te}_{18}\text{Sb}_x$ (x = 0, 4, 8 and 12 at %) glassy alloys	<a href="https://doi.org/10.1007/s10854-016-6300-9">DOI:10.1007/s10854-016-6300-9</a>
Influence of sintering temperature on optical, structural and electrical properties of screen-printed CdZnS films	<a href="https://www.researchgate.net/publication/279502024">https://www.researchgate.net/publication/279502024</a>
Investigation of Physical Properties of $\text{Se}_{82-x}\text{Te}_{18}\text{Sb}_x$ (x = 0, 4, 8, 12) Glassy Alloys with Compositional Variations	<a href="https://doi.org/10.1080/14328917.2017.1401389">DOI:10.1080/14328917.2017.1401389</a>
Investigations of crystallization kinetics of $\text{Se}_{82-x}\text{Te}_{18}\text{Sb}_x$ (x = 0, 4, 8, 12) glassy alloys by iso-conversional approach	<a href="https://doi.org/10.1080/14328917.2017.1401389">https://doi.org/10.1080/14328917.2017.1401389</a>
Optimization of fractional order PID controller using grey wolf optimizer	<a href="https://doi.org/10.1007/s40313-017-0305-3">DOI 10.1007/s40313-017-0305-3</a>
Phase change chalcogenide materials for optical data storage	<a href="https://doi.org/10.17485/ijst/2017/v10i29/109053">10.17485/ijst/2017/v10i29/109053</a>
Preparation and characterization of screen printed $\text{SnS}_{0.5}\text{Se}_{0.5}$ alloy films	<a href="https://doi.org/10.1007/s10854-017-7979-y">DOI:10.1007/s10854-017-7979-y</a>
Scour Around Bridge Pier	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/ESKlgBM1KNRGsmJnCBqKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/ESKlgBM1KNRGsmJnCBqKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs</a>
Smart Switching Algorithm Between IC and PO Algorithms for Grid-Connected PV System	<a href="https://doi.org/10.1007/978-981-10-4286-7_9">DOI: 10.1007/978-981-10-4286-7_9</a>
Structural, optical and electrical characterization of vacuum evaporated nanocrystalline CdSe thin films for photosensor applications	<a href="https://doi.org/10.1007/s00339-016-0502-0">DOI:10.1007/s00339-016-0502-0</a>
Study of thermo-mechanical properties of $\text{Se}_{82-x}\text{Te}_{18}\text{Sb}_x$ (0 x 12) glassy alloys	<a href="https://doi.org/10.1166/mat.2018.1471">https://doi.org/10.1166/mat.2018.1471</a>
Investigation of structural, electrical properties and dielectric relaxation of CNT doped Cu-Se-Ge-In chalcogenide glassy alloy	<a href="https://doi.org/10.1088/2053-1591/aae2e8">DOI:10.1088/2053-1591/aae2e8</a>

"Modelling and Performance Analysis of Energy Detector over Weibull-Shadowed Fading Channel with Application to Cooperative Sensing,"	<a href="https://doi.org/10.1007/s11277-018-5963-3">DOI: 10.1007/s11277-018-5963-3.</a>
16th Symposium on Earthquake Engineering (16 SEE)	<a href="https://mmtgk-my.sharepoint.com/:b:/g/personal/vksce_mmtgk_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmtgk-my.sharepoint.com/:b:/g/personal/vksce_mmtgk_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Air Purification System for Street Level Air Pollution and Roadside Air Pollution	<a href="https://doi.org/10.1109/GUCON.2018.8674934">10.1109/GUCON.2018.8674934</a>
Chalcogenide glasses for sensor application: A Review	<a href="https://doi.org/10.1109/UPCON.2018.8596828">DOI:10.1109/UPCON.2018.8596828</a>
Crystallization kinetics and Avrami index of Sb-doped Se-Te-Sn chalcogenide glasses	<a href="https://doi.org/10.1080/01411594.2018.1431643">https://doi.org/10.1080/01411594.2018.1431643</a>
Crystallization Kinetics and Thermal Stability of Se90In10 Chalcogenide Glass	<a href="https://doi.org/10.1166/ asem.2018.2213">https://doi.org/10.1166/ asem.2018.2213</a>
Effect of Annealing on the Structural and Optical Properties of Amorphous Ge–Se–Te Chalcogenide Thin Film	<a href="https://doi.org/10.2478/ msp-2019-0061">https://doi.org/10.2478/ msp-2019-0061</a>
Effect of Sb incorporation on thermo-mechanical properties of amorphous Se-Te-Sn alloys	<a href="https://doi.org/10.1088/2053-1591/aac99e">DOI:10.1088/2053-1591/aac99e</a>
Enhancement of Power System Performances by Optimally Placed FACTS Controllers by using Different Optimization Techniques in Distribution Systems: A Taxonomical Review	<a href="https://doi.org/10.1109/UPCON.2018.8597060">10.1109/UPCON.2018.8597060</a>
Evaluation & Analysis of MPPT Controller for PV Systems	<a href="https://doi.org/10.1109/GUCON.2018.8674965">10.1109/GUCON.2018.8674965</a>
India-Canada Issue Related to Environmental March, Centre of Excellence for Research, Economics, Policy and Regulation	<a href="https://mmtgk-my.sharepoint.com/:b:/g/personal/vksce_mmtgk_ac_in/ESKlgBM1KNRGsmJnCBgKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs">https://mmtgk-my.sharepoint.com/:b:/g/personal/vksce_mmtgk_ac_in/ESKlgBM1KNRGsmJnCBgKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs</a>
Influence of composition on structural properties and optical parameters of thermally evaporated Ge <sub>10-x</sub> Se <sub>60</sub> Te <sub>30</sub> In <sub>x</sub> (0 ≤ x ≤ 6) thin films	<a href="https://doi.org/10.1080/00150193.2018.1497418">https://doi.org/10.1080/00150193.2018.1497418</a>
Investigation of some physico-chemical properties in multi-component Se-Te-Sn-Sb (0≤x≤6) quaternary chalcogenide glassy system	<a href="https://doi.org/10.1016/j.matpr.2019.06.438">https://doi.org/10.1016/j.matpr.2019.06.438</a>
Investigation on physical properties of polycrystalline nickel sulphide films grown by simple & economical screen-printing method	<a href="https://doi.org/10.1016/j.ijleo.2017.10.169">https://doi.org/10.1016/j.ijleo.2017.10.169</a>
Keynote Speaker on ‘Safe Disposal and Management of Plastic and Other Biodegradable and Medical Waste’	<a href="https://mmtgk-my.sharepoint.com/:b:/g/personal/vksce_mmtgk_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmtgk-my.sharepoint.com/:b:/g/personal/vksce_mmtgk_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>

Lecture on 'Effects of Petrol Driven Passenger Car Age and Mileage on Tailpipe Emission: The Environmental Health Perspective' in 5th International Green Health Conference and 12th Asian Congress of Oral and Maxillofacial Radiology	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Lecture on 'Eradicate Corruption – Build a New India'	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Modeling of photovoltaic solar cell based on $CuSbS_2$ absorber for the enhancement of performance	<a href="https://doi.org/10.1109/TED.2020.3048326">10.1109/TED.2020.3048326</a>
National Conference on 'Recent Advances in Traffic Engineering 2018' organized by Department of Civil Engineering, SVNIT, Surat	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Numerical simulation of non-toxic $In_2S_3/SnS_2$ buffer layer to enhance CZTS solar cells efficiency by optimizing device parameters	<a href="https://doi.org/10.1016/j.ijleo.2020.166087">https://doi.org/10.1016/j.ijleo.2020.166087</a>
Optical investigations of thermally evaporated $Ge_{10}Se_{60}Te_{30}$ and $Ge_8Se_{60}Te_{30}$ $In_2$ chalcogenide thin film for optical memory devices	<a href="https://doi.org/10.1155/2008/826402">https://doi.org/10.1155/2008/826402</a>
Performance enhancement of magnetic levitation system using teaching learning based optimization	<a href="https://doi.org/10.1016/j.aej.2017.08.016">https://doi.org/10.1016/j.aej.2017.08.016</a>
Photocatalyst-Enzyme Coupled Artificial Photosynthetic System That Uses Solar Light in 1, 4-NADH Regeneration and L-glutamate Production	<a href="https://doi.org/10.1021/ja3009902">https://doi.org/10.1021/ja3009902</a>
Proceeding of National Conference on Recent Advantage in Electrical and Electronics Engineering (REEE-2018)	ISBN Number: 978-93-86724-91-5
Reactive power compensation of solid state transformer for WECS	<a href="https://doi.org/10.1109/IEMENTECH.2018.8465278">10.1109/IEMENTECH.2018.8465278</a>
Review Paper on Solar Tapping -a Sustainable Resource	<a href="https://doi.org/10.1109/UPCON.2018.8596822">10.1109/UPCON.2018.8596822</a>
River Engineering and River Training	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Role of Heat Treatment on Structural and Optical Properties of Thermally Evaporated $Se_{66}Te_{25}In_9$ Thin Films	<a href="https://doi.org/10.1166/mat.2017.1454">https://doi.org/10.1166/mat.2017.1454</a>

Special lecture on recent advances in Civil Engineering	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Structural and optical characterization of NiSe film grown by screen-printing method	<a href="https://doi.org/10.1063/1.5032947">https://doi.org/10.1063/1.5032947</a>
Structural Systems Development	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Talk on ‘Recent Trends Relating to Water Quality Management in India’	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Team of six faculty members from led by Prof. J. E. M. Macwan visited for Technical Interaction	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/ESKlgBM1KNRgsmJnCBgKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/ESKlgBM1KNRgsmJnCBgKiO8B2T-wkLVZV9-xtxhfdogaFQ?e=2LGHRs</a>
Thin Film Deposition and Characterization for Various Applications	<a href="https://doi.org/10.1109/UPCON.2018.8596908">DOI:10.1109/UPCON.2018.8596908</a>
Voltage quality compensation of DFIG with series DVR (SDVR) under three phase fault	<a href="https://doi.org/10.1109/IEMENTECH.2018.8465397">10.1109/IEMENTECH.2018.8465397</a>
“Average SEP and Channel Capacity Analysis over Generic/IG Composite Fading Channels: Unified approach,”	<a href="https://doi.org/10.1016/j.phycom.2019.02.003">10.1016/j.phycom.2019.02.003.</a>
“New Approximate Expressions of Average Symbol Error Probability, Probability of Detection and AUC with MRC over Generic and Composite Fading Channels,”	<a href="https://doi.org/10.1016/j.aeue.2018.11.006">https://doi.org/10.1016/j.aeue.2018.11.006.</a>
“Performance Analysis of Wireless Communication system over Non-identical Cascaded generalized Gamma Fading Channels,”	<a href="https://doi.org/10.1002/dac.4004">DOI: 10.1002/dac.4004.</a>
3d cnn with localized residual connections for hyperspectral image classification	<a href="https://arxiv.org/ftp/arxiv/papers/1912/1912.03000.pdf">https://arxiv.org/ftp/arxiv/papers/1912/1912.03000.pdf</a>
A Comprehensive Review on Enhancement of Voltage Stability by using Different FACTS Controllers Planning in Power Systems	<a href="https://doi.org/10.1109/UPCON47278.2019.8980027">10.1109/UPCON47278.2019.8980027</a>
Analysis and Design of Pile Foundations	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Analysis of Leaching Rate of Heavy Metals from Fly Ash at Varying Leachant pH & Cumulative Liquid to Solid Ratios of Dry Mass of Fly Ash Sample	<a href="https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmut_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>

Annealing Effect on the Optical Properties of Multi Walled CNT Doped Cu <sub>5</sub> Se <sub>75</sub> Ge <sub>10</sub> In <sub>10</sub> Thin Films Prepared by Thermal Evaporation Method	<a href="https://doi.org/10.1016/j.optmat.2015.12.008">DOI:10.1016/j.optmat.2015.12.008</a>
Chalcogenide Glasses: Thin Film Deposition Techniques and Applications in the field of Electronics	<a href="https://doi.org/10.1109/UPCON.2018.8597029">DOI:10.1109/UPCON.2018.8597029</a>
Chitosan-based Fluorescein Isothiocyanate Film as a Highly Efficient Metal-Free Photocatalyst for Solar-Light-Mediated Direct C-H Arylation	<a href="https://doi.org/10.1002/er.6216">https://doi.org/10.1002/er.6216</a>
Controlling of Non-minimum Phase System Using Harmony Search Algorithm	<a href="https://doi.org/10.1007/978-981-13-2254-9_16">https://doi.org/10.1007/978-981-13-2254-9_16</a>
Correlation between Volumetric Loading Rate and Removal Efficiency of BioChemical Oxygen Demand and Chemical Oxygen Demand for Wastewater Treatment by Improved Bio-Tower Technology in Ganga River Basin (India)	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/ETaTmykHBJKIFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/ETaTmykHBJKIFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>
Delivered Expert talk on “Green Education and Innovation In Design of Buildings” in Quality Celebration Month of L&T ECC.	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Delivered Expert talk on “Liquefaction Potential of Sites using in-situ” Tests in One-week AICTE sponsored FDP on “Earthquake Resistant Affordable Housing”	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Delivering Expert Talk on "Petro-Chemical Refining"	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/pkch_mmmut_ac_in/EUmPGZfBMHtPtTUQW85QJ7IBD8YAgtxEIF6GaW_Wu48Aaw?e=wrhACG">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/pkch_mmmut_ac_in/EUmPGZfBMHtPtTUQW85QJ7IBD8YAgtxEIF6GaW_Wu48Aaw?e=wrhACG</a>
Design of Earthquake Resistant Building	<a href="https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmmutgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Effect of antimony on glass transition and thermal stability of Se <sub>78-x</sub> Te <sub>18</sub> Sn <sub>2</sub> Sb <sub>x</sub> (x = 0, 2, 4 & 6 at %) multi component glassy alloys	<a href="https://doi.org/10.1007/s10973-018-7309-5">DOI:10.1007/s10973-018-7309-5</a>
Effect of thermal annealing on structural and optical properties of In doped Ge-Se-Te chalcogenide thin films	<a href="https://doi.org/10.1166/ asem.2018.2212">DOI:10.1166/ asem.2018.2212</a>
Error Probability and Channel Capacity Analysis of Wireless System over Inverse Gamma Shadowed Fading Channel with Selection Diversity	<a href="https://doi.org/10.1002/dac.4083">DOI: 10.1002/dac.4083.</a>
Fabrication of Graphitic Carbon nitride-Based Film: An Emerged Highly Efficient Catalyst for Direct C–H Arylation Under Solar Light	<a href="https://doi.org/10.1002/cjoc.202000470">https://doi.org/10.1002/cjoc.202000470</a>

Fundamental current component of distorted waveform in non-linear load	<a href="#">ISSN: 2279-543X.</a>
GA-based optimization for optimally placed and properly coordinated control of distributed generations and Static Var Compensator in distribution networks	<a href="https://doi.org/10.1016/j.egy.2019.07.007">https://doi.org/10.1016/j.egy.2019.07.007.</a>
Gauging the Holistic Performance of an Educational Building in the Metropolitan City – Surat, Gujarat	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>
How the Carbon nanotubes effect the Glass transition kinetics and thermal stability of Cu-Se-Te-In chalcogenide glasses	<a href="https://doi.org/10.1007/s10973-020-10485-5">DOI:10.1007/s10973-020-10485-5</a>
Impact of Heat Treatment on The Structural and Optical Properties of Ge <sub>4</sub> Se <sub>60</sub> Te <sub>30</sub> In <sub>6</sub> Phase Change Thin Film	<a href="https://doi.org/10.1016/j.matpr.2019.06.408">https://doi.org/10.1016/j.matpr.2019.06.408</a>
Impact of Riverfront Development on Urban Spaces, a Study of Metro City	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>
Impact of Sb incorporation on physical properties of selenium-based quaternary glassy alloys	<a href="https://doi.org/10.1016/j.physb.2019.07.046">https://doi.org/10.1016/j.physb.2019.07.046</a>
Indo-German Science & Technology (IGSTC) project on Efficient coupling of water and energy technologies for smart sustainable cities	<a href="https://www.igstc.org/home/ongoing_projects?type=0&amp;year=2016">https://www.igstc.org/home/ongoing_projects?type=0&amp;year=2016</a>
Investigation of dielectric relaxation and a.c. conductivity of third generation multi- component Ge <sub>10-x</sub> Se <sub>60</sub> Te <sub>30</sub> Sb <sub>x</sub> (0≤x≤6) chalcogenide glasses	<a href="https://doi.org/10.1007/s10854-019-01763-6">DOI:10.1007/s10854-019-01763-6</a>
Investigations of physical parameters of Ge doped binary Se-As chalcogenide glassy alloys for optical fiber application	<a href="https://doi.org/10.1016/j.matpr.2019.06.438">https://doi.org/10.1016/j.matpr.2019.06.438</a>
Landfill Site Selection Based on MCDA (Multi-Criteria Decision Analysis) using GIS Overlay Analysis Combined with AHP, A Case Study of Surat City	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBHJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>
Lecture on ‘Waste Disposal – Problem and Remedies’	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Model Order Reduction of Power Plant System by Balanced Realization Method	<a href="https://doi.org/10.1109/GUCON.2018.8674993">10.1109/GUCON.2018.8674993</a>



Numerical Simulation for Enhancement of the Output Performance of CZTS Based Thin Film Photovoltaic Cell	<a href="https://doi.org/10.1166/asem.2020.2526">DOI:10.1166/asem.2020.2526</a>
One Week STTP on 'Performance Evaluation for Improved Design and Engineering of Buildings'	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EUN1e9987LFHkrT5WEYHQ6wBlSq1H-kl_gwWaoutdRGWFg?e=yImVUK">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EUN1e9987LFHkrT5WEYHQ6wBlSq1H-kl_gwWaoutdRGWFg?e=yImVUK</a>
One Week STTP on 'Advances in Construction Technology and Management'	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EWTgPo_UL0tGI5IIDRcrFNwBMbLDDLACHF0Gi_bOHPG2bg?e=pZo1mU">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EWTgPo_UL0tGI5IIDRcrFNwBMbLDDLACHF0Gi_bOHPG2bg?e=pZo1mU</a>
One-week AICTE sponsored Faculty Development Program on 'Earthquake Resistant Affordable Housing'	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EWF6eAxyP9Pu8CUSRKLl-lBicHhDyseMgb6ADypHkUwxw?e=qSf5Gj">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EWF6eAxyP9Pu8CUSRKLl-lBicHhDyseMgb6ADypHkUwxw?e=qSf5Gj</a>
one-week Short Term Course on Smart Energy Systems: Operation and Control (SESOC-2019) Sponsored by TEQIP-III, & Technically Co-sponsored by IEEE Student Branch MMMUT, Gorakhpur, Jointly organized by EED, MMMUT, Gorakhpur & EED, SVNIT, Surat	<a href="https://mmtgkp-my.sharepoint.com/:w:/g/personal/syee_mmtgkp_ac_in/EXaZZ91KK4xKjMp9BL_W0MABo8tYz5BymsXqy3QkfH3LQ?e=OvrhtP">https://mmtgkp-my.sharepoint.com/:w:/g/personal/syee_mmtgkp_ac_in/EXaZZ91KK4xKjMp9BL_W0MABo8tYz5BymsXqy3QkfH3LQ?e=OvrhtP</a>
One-week STC on "Exploring Research Topics and Techniques of Technical Writings"	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ERqTrjONT8tNkKd4MicurJgB813yNaISEHY6DkFl_D_vnA?e=EjZL4S">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ERqTrjONT8tNkKd4MicurJgB813yNaISEHY6DkFl_D_vnA?e=EjZL4S</a>
Optical Properties of Selenium Rich Hybrid Thin Films Containing Nano-Sized Ge–Se–Te–Sb Chalcogenide Clusters	<a href="https://doi.org/10.1166/nnl.2020.3122">https://doi.org/10.1166/nnl.2020.3122</a>
Physical properties of third generation multicomponent Ge <sub>10-x</sub> Se <sub>60</sub> Te <sub>30</sub> In <sub>x</sub> (x = 0, 2, 4, 6) chalcogenide glasses	<a href="https://doi.org/10.1016/j.matpr.2019.06.418">https://doi.org/10.1016/j.matpr.2019.06.418</a>
Pollution due to Opium Alkaloids and Removal from Water: An Overview	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>
Potential for Urban Planning System during Mega Events: A Case Study of Metro City	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBJKiFUDFUn2npcBRW67eillQRINXzzVfrJ-3w?e=pKgJPN</a>
Remedial Classes	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EQECUFpSvFVDrYRc_gSKJ4wBZHcs87jKA2J-G4UROIU59w?e=UdaQmO">https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EQECUFpSvFVDrYRc_gSKJ4wBZHcs87jKA2J-G4UROIU59w?e=UdaQmO</a>
River Behavior and Training for FDP on Advances in Flood Modelling	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>



Sediment Threshold	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Seismic Responsibility of Civil Engineers	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/Ecnx19qoKmNOsdHsys77kS8ByXfG4YIFw-hVtn-dmbWtqg?e=kZnl7D</a>
Served as a Resource Person for Short Course on “Geotechnical Site Investigation and Design of Shallow Foundation”	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Solar Light Active Flexible Activated Carbon Cloth Based Photocatalyst for Markovnikov-Selective Radical-Radical Cross-Coupling of S-Nucleophiles to Terminal Alkyne and LPG Sensing	<a href="https://doi.org/10.1002/jccs.202000374">https://doi.org/10.1002/jccs.202000374</a>
Structural and optical properties of $(\text{Ge}_{11.5}\text{Se}_{67.5}\text{Te}_{12.5})_{100-x}\text{Sb}_x$ ( $0 \leq x \leq 30$ ) chalcogenide glasses: A material for IR devices	<a href="https://doi.org/10.1016/J.INFRARED.2019.05.001">DOI:10.1016/J.INFRARED.2019.05.001</a>
Study of dielectric relaxation and thermally activated a.c. conduction in multicomponent $\text{Ge}_{10-x}\text{Se}_{60}\text{Te}_{30}\text{In}_x$ ( $0 \leq x \leq 6$ ) chalcogenide glasses using CBH model	<a href="https://doi.org/10.1016/j.rinp.2018.11.048">https://doi.org/10.1016/j.rinp.2018.11.048</a>
Study to improve the efficiency of c-Si material in photovoltaic power plant	<a href="https://doi.org/10.1016/j.matpr.2019.08.144">doi.org/10.1016/j.matpr.2019.08.144.</a>
Summar Research Training at SVNIT Surat	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmmut_ac_in/EYyKfDt0-RJLiTfi9jFPK1IBKC6ydIRw6ghhJc4AB_9NZA?e=Jmqh7j">https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmmut_ac_in/EYyKfDt0-RJLiTfi9jFPK1IBKC6ydIRw6ghhJc4AB_9NZA?e=Jmqh7j</a>
talk on “Earthquake Resistance Design of Masonry Structure in One-week AICTE Sponsored FDP on ‘Earthquake Resistant Affordable Housing’”	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
talk on Fundamentals of Structural Dynamics in One-week AICTE sponsored Faculty Development Program on ‘Earthquake Resistant Affordable Housing’	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmmut_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Thermal Stability and Hardness Studies of Ge Doped Se–Te Glassy Alloys	<a href="https://doi.org/10.1134/S1087659619060178">DOI:10.1134/S1087659619060178</a>

Three Days Workshop on “Learn - Building Performance Evaluation”	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ET3SDVeyfk5PoEdUzRD_IcBB7nU--PVtfuENr3cvbl4Dg?e=X9Jzqf">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ET3SDVeyfk5PoEdUzRD_IcBB7nU--PVtfuENr3cvbl4Dg?e=X9Jzqf</a>
To Attend STC in SVNIT Surat	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EfwUmtI5PNVPpoyuQwR5DLIBY1V6--w3lwI55KFIaVp5Ug?e=oeO5bF">https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EfwUmtI5PNVPpoyuQwR5DLIBY1V6--w3lwI55KFIaVp5Ug?e=oeO5bF</a>
To Attend STC in SVNIT Surat	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EUQncGIR-BNMuaSpP_jKvuob4esOyEbUiMnaWVCpcU5u3w?e=q3OFwA">https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EUQncGIR-BNMuaSpP_jKvuob4esOyEbUiMnaWVCpcU5u3w?e=q3OFwA</a>
Tuning of parameters of PID controller using Grey Wolf Optimizer	<a href="http://dx.doi.org/10.2139/ssrn.3575432">http://dx.doi.org/10.2139/ssrn.3575432</a>
twinning activities on 1. Study skill for M. Tech Dissertation work (Day 1), 2. Preparation of development plan and the significance of GIS in Hilly Area Planning (Day 2), 3. Building, Planning and way forward (Day 3)	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/EVbwmRUcY1VCjYcRMtD6M7UBJJUQfycD0p-tugldakmaPg?e=BtGLF0</a>
Twinning activity with SVNIT Surat	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EVPO72aoQZBHj8EqM0iLW7oBUUauLtdf1livuQXzRQRY_A?e=lzURJX">https://mmtgkp-my.sharepoint.com/:b:/g/personal/pkch_mmtgkp_ac_in/EVPO72aoQZBHj8EqM0iLW7oBUUauLtdf1livuQXzRQRY_A?e=lzURJX</a>
Two Area Systems for Restructuring and Deregulation in Load Frequency using Fuzzy PID Controller’	<a href="https://doi.org/10.35940/ijeat.A1398.109119">DOI: 10.35940/ijeat.A1398.109119</a>
Two-day Workshop on “Flood Modeling”	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ERqTrjONt8tNkKd4MicurJgB813yNaISEHY6DkFI_D_vnA?e=EjZL4S">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ERqTrjONt8tNkKd4MicurJgB813yNaISEHY6DkFI_D_vnA?e=EjZL4S</a>
Urban Landscape Quality Index: A Review on Methodology Adopted for Assessment and its Impact on Local Environment	<a href="https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBJKiFUDFUn2npcBRW67eilQRINXzzVfrJ-3w?e=pKgJPN">https://mmtgkp-my.sharepoint.com/:b:/g/personal/vksce_mmtgkp_ac_in/ETaTmykHBJKiFUDFUn2npcBRW67eilQRINXzzVfrJ-3w?e=pKgJPN</a>
WORKSHOP/STC	<a href="http://mmtgkp.ac.in/News_content/00451dep-notice_09112020.pdf">http://mmtgkp.ac.in/News_content/00451dep-notice_09112020.pdf</a>

“Performance Analysis over Unified Generalized Composite Fading Model,”	<a href="https://doi.org/10.1007/s11277-020-07661-z">DOI: 10.1007/s11277-020-07661-z</a>
“BER and channel capacity analysis of wireless system over $\kappa - \mu /$ inverse gamma and $\eta - \mu /$ inverse gamma composite fading model”	<a href="https://doi.org/10.1007/s11276-020-02507-9">DOI :10.1007/s11276-020-02507-9.</a>
“Spectrum Sensing Based on Energy Detection with $\alpha - \eta - \kappa - \mu$ Distribution”	<a href="https://doi.org/10.1109/ICE348803.2020.9122955">https://doi.org/10.1109/ICE348803.2020.9122955</a>
2D Nanomaterial-Based Surface Plasmon Resonance Sensors for Biosensing Applications	<a href="https://doi.org/10.3390/mi11080779">10.3390/mi11080779</a>
A Critical Review on Waste Management	<a href="https://doi.org/10.3390/mi11080779">ISSN:2277-7881</a>
A review on doping effect on optical properties of Se-Te glassy alloys and its applications	<a href="https://doi.org/10.4236/ampc.2015.54015">DOI:10.4236/ampc.2015.54015</a>
Arsenic modified (Ge <sub>11.5</sub> Te <sub>12.5</sub> Se <sub>67.5</sub> ) <sub>100-x</sub> compound for IR application	<a href="https://doi.org/10.1016/j.jnoncrysol.2020.120309">DOI:10.1016/j.jnoncrysol.2020.120309</a>
Assessment of optical and structural property of (Ge <sub>11.5</sub> Te <sub>12.5</sub> Se <sub>67.5</sub> ) <sub>100</sub> and (Ge <sub>11.5</sub> Te <sub>12.5</sub> Se <sub>67.5</sub> ) <sub>90</sub> Sb <sub>10</sub> glasses for photonic application	<a href="https://doi.org/10.1109/ICE348803.2020.9122833">10.1109/ICE348803.2020.9122833</a>
Average Channel Capacity over Mixture Gamma Distribution,”	<a href="https://doi.org/10.1109/ICE348803.2020.9122966">https://doi.org/10.1109/ICE348803.2020.9122966</a>
Catalytic chemical vapor deposition grown carbon nanofiber for bio electro-chemical and energy applications	<a href="https://link.springer.com/chapter/10.1007/978-981-15-0536-2_21">https://link.springer.com/chapter/10.1007/978-981-15-0536-2_21</a>
Channel Capacity Analysis of Wireless System under ORA scheme over $\kappa - \mu /$ Inverse Gamma and $\eta - \mu /$ Inverse Gamma Composite Fading Models”	<a href="https://doi.org/10.1109/ICE348803.2020.9122938">https://doi.org/10.1109/ICE348803.2020.9122938</a>
CHARGING OF ELECTRIC VEHICLES BATTERY USING BIDIRECTIONAL CONVERTER	<a href="https://doi.org/10.1109/ICE348803.2020.9122843">10.1109/ICE348803.2020.9122843</a>
Comparative Analysis of CZTS/CZTSe/CZTSSe Absorber Layer for Solar Cell Applications	<a href="https://doi.org/10.1109/ICE348803.2020.9122801">10.1109/ICE348803.2020.9122801</a>
Comparative Investigation of Se–Te–M (M = Sb, Ge) Semiconducting Glassy Alloys: Thermal Characterization	<a href="https://doi.org/10.1166/ asem.2020.2523">https://doi.org/10.1166/ asem.2020.2523</a>

Comparative Studies of Electrical Properties of MFS and MIS Capacitors for Non-Volatile Memory Applications	<a href="https://doi.org/10.1109/ICE348803.2020.9122867">10.1109/ICE348803.2020.9122867</a>
Contribution to sustainable and environmental friendly non-toxic CZTS solar cell with an innovative hybrid buffer layer	<a href="https://doi.org/10.1016/j.solener.2020.05.033">https://doi.org/10.1016/j.solener.2020.05.033</a>
Cyber Security in Smart Grid	<a href="https://doi.org/10.47392/irjash.2020.33">DOI: 10.47392/irjash.2020.33</a>
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