

LIST OF SELECTED ABSTRACTS FOR POSTER PRESENTATION IN ICETNMST-2017

SL. No	Abstract ID.	Title of the paper	Name of the presenting author
1	PP-1004	Fluorescence quenching of graphene quantum dots by single walled and double walled carbon nanotubes	Ruma Das
2	PP-1005	Study of the dynamics of controlled drug delivery mediated via single-walled carbon nanotube	Saheen Shehnaz Begum
3	PP-1006	Platinum adsorption property of germanium and phosphorus co-doped carbon nanotubes for fuel cell application	Samir Thakur
4	PP-1007	Highly Sensitive H ₂ O ₂ sensor from graphene synthesized by chemical vapour deposition	Manishkumar D. Yadav
5	PP-1008	A novel polyaniline nanotube/expanded graphite composite for application in methanol sensing	Anindita Bora

6	PP-1009	Synthesis of non-covalently functionalized reduced graphene oxide hybrid Nano-composites and tuning its electrical properties	Manash Jyoti Deka
7	PP-1010	Fabrication of carbon nanoparticles using bamboo shoots and its application in treatment of waste water	Henam Sylvia Devi
8	PP-1011	A graphene oxide incorporated TiO ₂ photo anode for high efficiency quasi solid state dye sensitized solar cells based on a poly-vinyl alcohol gel electrolyte	Momina Khannam
9	PP-1012	Temperature induced transformation and field emission behaviour of carbon nanostructures deposited by atmospheric pressure RF-PECVD process	Bikash Sharma
10	PP-1013	Investigation of structural, thermal and dielectric properties of in-situ reduced graphene oxide – polypyrrole nanotubes nanocomposites	Madhabi Devi
11	PP-2003	Bi ³⁺ Sensitized CaMoO ₄ :Eu ³⁺ : enhanced red emission for white light emitting diodes	Ranjoy Wangkhem
12	PP-2004	Enhancement of photoluminescence of Sm ³⁺ in presence of ZnS:Mn ²⁺ nanoparticles in methanol	Dibyajyoti Kakoti

13	PP-2005	Luminescence studies of $\text{CaWO}_4:\text{Dy}^{3+}$ nanophosphors	Takhe Yaba
14	PP-2006	Nearly White Light Emission From $\text{YP}_{0.8}\text{V}_{0.2}\text{O}_4:\text{Sm}^{3+}$ nanorods for near UV pumped PCLEDs	Naorem Shanta Singh
15	PP-2007	Structural, morphological and opto-electronic features of nanoscale gadolinium oxyfluoride ($\text{Gd}_4\text{O}_3\text{F}_6$) systems	Samiran Hazarika
16	PP-2008	Surface plasmon induced enhanced visible light photocatalytic activity of silver nanoparticle decorated TiO_2 nanorods heterostructure	Kamal Kumar Paul
17	PP-2009	Luminescence studies in swift heavy ion irradiated Cu doped ZnTe quantum dots	Lalit Baruah
18	PP-2010	Surface modified TiO_2 nanostructures: intrinsic fluorescence property	Deblina Majumder
19	PP-2011	Temperature dependent raman and photoluminescence studies of monolayer and few layer MoS_2	Larionette P. L. Mawlong
20	PP- 3005	Ultra-Thin, non-metallic and flexible metamaterial absorber for X-band applications: Design and Fabrication	Dipangkar Borah

21	PP-3006	Nano-magneto dielectric composite based substrate for use in microwave planar devices in X-band	Arunav Phukan
22	PP-3007	Development of Strontium/Expanded Graphite/LLDPE nanocomposite as an efficient absorbing material in the X- band	S. Ozah
23	PP-3008	Nanoemulsions preparation and their applications in diesel engines	Kunal Arora
24	PP-3009	Design and development of ferrofluid based reconfigurable antenna	Rocktotpal Baruah
25	PP-3010	Industrially scalable and cost-effective synthesis of iron oxalate capped Fe, Fe-Cu, Fe-Co, Fe-Mn oxide nanomaterial and their photocatalytic application	Kasturi Sarmah
26	PP-3011	Adsorption capacity enhancement of natural fibre based carbon materials for phenolic dye adsorption	Meghna Borah,
27	PP-3013	Flexible microwave absorber based on strontium ferrite-rubber composite for X-Band applications.	Dhruba Jyoti Gogoi

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31	PP-3017	Global optimization search for low lying atomic and electronic structures of (CEO ₂) _N (N=1-20) nanoclusters	Pakiza Begum
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