



National Conference on Frontier Modern Physics (NCFMP2020)

LIST OF ACCEPTED ABSTRACTS FOR CONTRIBUTORY ORAL PAPERS

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1	HYPOTHETICAL ROLE OF LARGE NUCLEAR GRAVITY IN UNDERSTANDING THE SIGNIFICANCE AND APPLICATIONS OF THE STRONG COUPLING CONSTANT	<u>U.V.S. SESHAVATHARAM</u> AND S. LAKSHMINARAYANA	ORAL	0-1
2	EXCHANGE BIAS IN NANOCRYSTALLINE COCR ₂ O ₄ @SiO ₂	DEBAJYOTI DE, SUCHANDRA GOSWAMI AND MANASHI CHAKRABORTY	ORAL	0-2
3	STUDY ON THE ROLE OF OXYGEN CONTAINING SPECIES TOWARDS PERFORMANCE EVALUATION OF PLANAR ANODE SUPPORTED SOFC	<u>MADHUMITA MUKHOPADHYAY</u> , JAYANTA MUKHOPADHYAY AND A. DAS SHARMA	ORAL	0-3
5	EFFECTS OF VARIABLE IRON DOPING IN GRAPHENE NANO-SHEETS: FIRST PRINCIPLE STUDY	<u>SWARNAVA BISWAS</u> , MOUMITA MUKHERJEE	ORAL	0-5
6	SERS STUDY OF 4, 5-DICIANOIMIDAZOLE MOLECULE ON SPHERICAL AU NANOPARTICLES: THEORETICAL MODELING USING DFT	SUBHENDU CHANDRA	ORAL	0-6
7	A MULTIFUNCTIONAL CARBON FILAMENT FIBER POWDER POLYVINYL ALCOHOL (PVA) COMPOSITE FOR FUEL CELL AND BIOMEDICAL APPLICATIONS	ARPITA ROY	ORAL	0-7
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9	EFFECT OF EXTRA DECAY PATH IN THE FORMATION OF ELECTROMAGNETICALLY INDUCED TRANSPARENCY AND ELECTROMAGNETICALLY INDUCED ABSORPTION FOR CASCADE TYPE SYSTEM	SUMAN MONDAL, <u>GALIB ISLAM</u> , KALAN MAL, SUDIP GARAI AND AMITAVA BANDYOPADHYAY	ORAL	0-9
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