



77th RC Meeting of CSIR-NML

December 21, 2021

SN	AGENDA ITEM	TIME
1.0	Welcome address by the Chairman, CSIR-NML Research Council	14.00 - 14.02
1.1	Confirmation of the Minutes of the 76 th RC Meeting held on March 31, 2021	14.02 - 14.05
1.2	Action taken on the recommendations of the 76 th RC Meeting	14.05- 14.10
1.3	Overview of CSIR-NML's current R&D Program and Roadmap - <i>Indranil Chatteraj</i> , Director CSIR-NML	14.10 - 14.30
2.0	CSIR FUNDED PROGRAMME	
2.1	Development of dry beneficiation process technology for low grade iron ore for iron and steel making - <i>Ganesh Chalavadi</i>	14.30-14.50
2.2	Preparation of Coke from non-coking coal - <i>Sanchita Chakravarty</i>	14.50-15.10
2.3	Thermodynamic and kinetic assessment of interfacial equilibrium conditions in multi-component based bulk nano-pearlitic steels - <i>Snehashish Tripathy</i>	15.10-15.30
2.4	Development of high ballistic strength armour steel with 2 GPa tensile strength and min 50MPam ^{1/2} fracture toughness – <i>G.K.Bansal</i>	15.30-15.50
2.5	Big Data Assimilation and Synthesis for material creep degradation - Sunil Kumar	15.50-16.10
2.6	Development of fire resistant lightweight structural materials by hybridization of inorganic-organic polymers - <i>Rashmi Singla</i>	16.10-16.30
2.7	Process development of high quality layered transition metal carbides/nitrides/carbonitrides (MAX) - <i>Pallab Bhattacharya</i>	16.30-16.50
2.8	Development of Tin-Selenide (SnSe) based thermoelectric thin films for waste heat recovery in metallurgical and other industries - <i>L.C.Pathak</i>	16.50-17.10
2.9	CSIR-Virtual laboratory for school students - <i>M.Tarafder</i>	17.10-17.30
3.0	Comments from RC Members	17.30-17.40
4.0	Concluding Remarks by the Chairman, RC	17.40-17.45
5.0	Vote of thanks by the Secretary, RC	17.45-17.47
6.0	Close Door Meeting (If any)	17.50-18.10