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Sommario/riassunto	Nanoscale science and technology have occupied centre stage globally in modern scientific research and discourses in the early twenty first century. The enabling nature of the technology makes it important in modern electronics, computing, materials, healthcare, energy and the environment. This volume contains selected articles presented (as Invited/Oral/Poster presentations) at the 2nd international conference on advanced materials and nanotechnology (ICANN-2011) held recently at the Indian Institute of Technology Guwahati, during Dec 8-10, 2011. The list of topics covered in this proceedings include: Synthesis and self assembly of nanomaterials Nanoscale characterisation

Nanophotonics & Nanoelectronics Nanobiotechnology Nanocomposites F Nanomagn
Nanomaterials for Energy Computational Nanotechnology
Commercialization of Nanotechnology The conference was represented
by around 400 participants from several countries including delegates
invited from USA, Germany, Japan, UK, Taiwan, Italy, Singapore, India
etc.
