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UNIVERSITY OF MADRAS
சென்னைப் பல்கலைக்கழகம்
Estd. 1857, State University
NAAC 'A' Grade, MHRD NIRF Universities Ranking 2022: 39, UGC-UPE

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Authorities

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Academic

Admission

Research

National Centre for Nanosciences and Nanotechnology

ABOUT DEPARTMENT	**About the Department**
FACULTY	**Objective**
COURSES	

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SYLLABUS

FEE STRUCTURE

TIMETABLE

RESEARCH SCHOLARS

FORMER ACADEMICIANS

National Centre for Nanoscience and Nanotechnology (NCNSNT) is supported by MHRD Grant through UGC and also supported by grants from Government of Tamil Nadu. It was established in 2006. MHRD has given a special grant of Rupees 100 Crores to establish this center in commemoration of its 150th y Year celebration. Tamil Nadu Government also granted Rupees 5 crores as a seed grant for initiating the program on Nanoscience and Nanotechnology in the University. M.Sc/M.Tech (dual program) has been started during 2007 as suggested by the advisory board. From the Academic year 2010-11, the Centre is conducting two years M.Sc. program in Nanoscience and nanotechnology. The Centre has installed highly sophisticated instruments which are essential for Nanoresearch and is fully equipped with facilities for carrying out quality research in Nanoscience and Nanotechnology.

Mission

The Mission of NCNSNT is to concentrate and develop world class research under a single roof and support the researchers who are working in the area of Nanoscience and Nanotechnology.

Vision

The vision of the centre is "Excellence in research based on teaching and learning in Nanoscience and Nanotechnology to provide skill and knowledge for independent learning". The centre stands as a shining example of creation of an advanced research facility of multidisciplinary research in a state University which will have linkages with industry and national laboratories to create cutting edge technologies.

The following are the main areas of proposed research work:

Biomedical Nanotechnology.
Molecular Nanostructures.
Nanoelectronics.
Computational Nanoscience
Nanobiotechnology

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