

SPECIAL CENTRE FOR NANO SCIENCE
List of courses being offered in Winter Semester 2024

Programme: **M.Tech. (NE) Programme 2nd Semester**
Venue of Lectures: SCNS Committee Room/Lecture Room

Course Code	Name of the course	Credits	Course Coordinator/In-charge
NS 658	Advance Semiconductor Devices	3	Dr. Vinod Kumar / Dr. Pankaj Thakur/ Dr. Chandrani
NS 680	RFIC /MMIC Design	3	Prof. Bijoy Kumar Kuanr
NS674	VLSI Design and Testing	3	Dr. Neha Paras
NE 676	MEMS/NEMS	3	Prof. Bijoy Kumar Kuanr / Dr. Pratima Solanki / Dr. Balaji Birajdar
NS 670	VLSI Technology/IC Technology	3	Dr. Neha Paras
NE 662	Nanolithography& Nano Scale Devices	3	Dr Pankaj Thakur/ Dr. Vinod Kumar
NS 672	Lab 2	3	Prof. Bijoy Kumar Kuanr / Dr. Neha Paras/ Dr. Chandrani

(Select any 5 theory courses and Lab 2 is compulsory)

Programme: **M.Tech. (NS) Programme 2nd Semester**

Course Code	Name of the course	Credits	Course Coordinator/In-charge
NS 659	Nano Biosensors and Microfluidics	3	Dr. Partima Solanki
NS 660	Nano Biotechnology and Nanomedicine	3	Dr. Tulika Prasad
NS 661	Nanoscale Characterization	3	Dr. Balaji Birajdar / Dr. Satyendra Singh
NS 663	Design & Synthesis of Nanostructures	3	Dr. Satyendra Singh / Dr. Pratima Solanki/Dr. Tulika Prasad
NS 662	Nanolithography & Nano Scale Devices	3	Dr Pankaj Thakur/ Dr. Vinod Kumar
NS 673	Renewable Energy Technology	3	Dr. Chandrani
NS 671	Lab2	3	Dr. Satyendra Singh / Dr. Pankaj Thakur / Dr. Pratima Solanki/ Dr. Balaji Birajdar / Dr. Tulika Prasad/ Dr. Vinod Kumar

(Select any 5 theory courses and Lab 2 is compulsory)



Chairperson, SCNS
अध्यक्ष / Chairperson
सर्वोच्च संकेत केन्द्र के लिए विशेष
Special Centre for Nano Sciences
जवाहरलाल नेहरू विश्वविद्यालय
Jawaharlal Nehru University
नई दिल्ली / New Delhi - 11006

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9/01/2024

SPECIAL CENTRE FOR NANO SCIENCE
List of courses being offered in Winter Semester 2024

Programme: **M.Tech. 4th Semester**

Course Code	Name of the course	Credits	
M.Tech Dissertation	Major Project Dissertation: & Presentation	10	All faculty members in SCNS

Programme: **Ph.D. course work**

Course Code	Name of the course	Credits	Course Coordinator
NS 660	Nano Biotechnology and Nanomedicine	3	Dr. Tulika Prasad
NE 654	Research Methodology & Intellectual Property Rights	3	Dr. Tulika Prasad
NS 658	Advance Semiconductor Devices	3	Dr. Vinod Kumar / Dr. Pankaj Thakur/ Dr. Chandrani
NS 659	Nano Biosensors and Microfluidics	3	Dr. Pratima Solanki
NS 661	Nanoscale Characterization	3	Dr. Balaji Birajdar / Dr. Satyendra Singh
NS 663	Design & Synthesis of Nanostructures	3	Dr. Satyendra Singh / Dr. Pratima Solanki / Dr. Tulika Prasad
NS 662	Nanolithography & Nano Scale Devices	3	Dr Pankaj Thakur/ Dr. Vinod Kumar
NE 676	MEMS/NEMS	3	Prof. Bijoy Kumar Kuanr / Dr. Pratima Solanki / Dr. Balaji Birajdar
NS 680	RFIC /MMIC Design	3	Prof. Bijoy Kumar Kuanr
Ns 670	VLSI Technology/IC Technology	3	Dr. Neha Paras
NS 674	VLSI Design and Testing	3	Dr. Neha Paras
NS 620/NS 622/ NS 626/ NS 627/ NS 628	Research Methodology	3	Dr. Satyendra Singh / Dr. Pratima Solanki // Dr. Tulika Prasad/ Dr. Pankaj Thakur /Dr. Vinod Kumar


Chairperson, SCNS
 डॉ. सत्येंद्र सिंह / Dr. Satyendra Singh
 अध्यक्ष / Chairperson
 विशेषज्ञ केंद्र कार नानो विज्ञान
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