

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad-500085, Telangana (India)

Dr. M. Manzoor Hussain

M.Tech. Ph.D.,

Senior Professor of Mechanical Engineering &

REGISTRAR

Value added courses offered by CENTRE OF NANO SCIENCE & TECHNOLOGY for the year 2017-18

Department	Name of the Value-added Courses offered (with 30 or more contact hours)	Year of offering	Duration of the Course	Number of Students enrolled in the year	Number of students completing the course in the year
Centre of Nano Science & Technology	BIO-INSPIRED NANOSTRUCTURES FOR TEXTILE APPLICATIONS	2017-18	30 hours	10	8
Centre of Nano Science & Technology	BIO-INSPIRED NANOSTRUCTURES FOR TEXTILE APPLICATIONS	2017-18	30 hours	15	12
Centre of Nano Science & Technology	SELECTION OF NANOMATERIALS FOR ENERGY SYSTEMS	2017-18	30 hours	15	12
Centre of Nano Science & Technology	ANALYTICAL CHARACTERIZATION TECHNIQUES	2017-18	30 hours	11	10
Centre of Nano Science & Technology	ANALYTICAL CHARACTERIZATION TECHNIQUES	2017-18	30 hours	15	12
Centre of Nano Science & Technology	CARBON NANOSTRUCTURES PREPARATION AND ITS APPLICATIONS	2017-18	30 hours	10	8



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**Value added courses offered by CENTRE OF NANO SCIENCE & TECHNOLOGY for the year
2018 19**

Department	Name of the Value-added Courses offered (with 30 or more contact hours)	Year of offering	Duration of the Course	Number of Students enrolled in the year	Number of students completing the course in the year
Centre of Nano Science & Technology	SELECTION OF NANOMATERIALS FOR ENERGY SYSTEMS	2018-19	30 hours	15	12
Centre of Nano Science & Technology	CARBON NANOSTRUCTURES PREPARATION AND ITS APPLICATIONS	2018-19	30 hours	9	8
Centre of Nano Science & Technology	3D PRINTER TECHNOLOGY AND ITS FABRICATION	2018-19	30 hours	15	14

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Department	Name of the Value-added Courses offered (with 30 or more contact hours)	Year of offering	Duration of the Course	Number of Students enrolled in the year	Number of students completing the course in the year
Centre of Nano Science & Technology	ANALYTICAL INSTRUMENTATION (ZETA SIZER, UV, TG-DTA, FTIR, XRD, PARTICLE SIZE ANALYZER)	2019-20	30 hours	15	12
Centre of Nano Science & Technology	Surface Engineering of nanomaterials	2019-20	48 hours	1	1
Centre of Nano Science & Technology	Introduction to Engineering Mechanics	2019-20	15 hours	1	1
Centre of Nano Science & Technology	Introduction to Thermodynamics: Transferring Energy from Here to There	2019-20	16 hours	1	1
Centre of Nano Science & Technology	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	2019-20	9 hours	1	1
Centre of Nano Science & technology	What is Data Science?	2019-20	8 hours	0	1



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**Value added courses offered by CENTRE OF NANO SCIENCE & TECHNOLOGY for the year
2020-21**

Department	Name of the Value-added Courses offered (with 30 or more contact hours)	Year of offering	Duration of the Course	Number of Students enrolled in the year	Number of students completing the course in the year
Centre of Nano Science & technology	Value added course On "Flexible Energy Storage Devices"	2020-21	30 hours	11	10
Centre of Nano Science & technology	VALUE ADDED COURSE ON "SKILLS ON RESEARCH PAPER WRITING"	2020-21	30 hours	15	13
Centre of Nano Science & technology	VALUE ADDED COURSE "Learning online tools"	2020-21	30 hours	10	9
Centre of Nano Science & technology	ANALYTICAL CHARACTERIZATION TECHNIQUES	2020-21	30 hours	15	13
Centre of Nano Science & technology	3D PRINTER TECHNOLOGY AND ITS FABRICATION	2020-21	30 hours	15	13
Centre of Nano Science & technology	Mechanics of Materials III: Beam Bending	2020-21	13 hours	1	1
Centre of Nano Science & technology	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	2020-21	8 hours	1	1
Centre of Nano Science & technology	Nanotechnology: A Makerâ™s Course	2020-21	26 hours	1	1



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Value added courses offered by CENTRE OF NANO SCIENCE & TECHNOLOGY for the year 2021-22

Department	Name of the Value-added Courses offered (with 30 or more contact hours)	Year of offering	Duration of the Course	Number of Students enrolled in the year	Number of students completing the course in the year
Centre of Nano Science & technology	Value added course on " IPR Patent writing and Research Methodology"	2021-22	30 hours	15	13
Centre of Nano Science & technology	FABRICATION OF SMART NANOMATERIALS	2021-22	30 hours	13	11
Centre of Nano Science & technology	BIO-INSPIRED NANOSTRUCTURES FOR TEXTILE APPLICATIONS	2021-22	30 hours	15	14
Centre of Nano Science & technology	SELECTION OF NANOMATERIALS FOR ENERGY SYSTEMS	2021-22	30 hours	15	12
Centre of Nano Science & technology	CARBON NANOSTRUCTURES PREPARATION AND ITS APPLICATIONS	2021-22	30 hours	15	14



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