Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

Name	_____	**Name of Department**	_____
ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Structural Dynamics & Earthquake Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
AML 521	Matrix Method of Structural Analysis	4	DC	B	YES/NO
AML 522	Structural Dynamics	4	DC	G	YES/NO
AML 526	Introduction to Earthquake Engineering	3	DC	D	YES/NO
AMP 522	Structural Dynamics	1	DC	G	YES/NO
AML 529	Research Methodology and Communication Skill	1	DC	-	YES/NO
	Any One				
AML 523	Theory of Elasticity and Plasticity	3	DE	C	YES/NO
AML 541	Theory of Plates and Shells	3	DE	F	YES/NO
AML 542	Stability of Structures	3	DE	A	YES/NO
AML 547	Numerical Methods and Programming	3	DE	A	YES/NO
AML 550	Design of Pre-Stressed Concrete Structures	3	DE	E	YES/NO
AML 562	Instrumentation and Rehabilitation of Structures	3	DE	H	YES/NO
	DC-4+DE1=Credits 16				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
AMD 501	Project Phase-I	3	DC	-	YES / NO
	Any One				
AML 541	Theory of Plates and Shells	3	DE	F	YES/NO
AML 542	Stability of Structures	3	DE	A	YES/NO
AML 547	Numerical Methods and Programming	3	DE	A	YES/NO
AML 550	Design of Pre-Stressed Concrete Structures	3	DE	E	YES/NO
AML 552	Analysis and Design of Industrial Steel Structures	3	DE	C	YES/NO
AML 553	Analysis and Design of Bridges	3	DE	G	YES/NO
AML 562	Instrumentation and Rehabilitation of Structures	3	DE	H	YES/NO
AML 566	Random Vibration Analysis	3	DE	D	YES/NO
	DC-1+DE1=Credits 6				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Structural Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

CourseCode	Course Title	Credits	Cat.	Slot	Selection
AML 521	Matrix Method of Structural Analysis	4	DC	B	YES/NO
AML 522	Structural Dynamics	4	DC	G	YES/NO
AML 523	Theory of Elasticity and Plasticity	3	DC	C	YES/NO
AMP 522	Structural Dynamics	1	DC	G	YES/NO
AML 529	Research Methodology and Communication Skill	1	DC	-	YES/NO
Any One					
AML 526	Introduction to Earthquake Engineering	3	DE	D	YES/NO
AML 541	Theory of Plates and Shells	3	DE	F	YES/NO
AML 542	Stability of Structures	3	DE	A	YES/NO
AML 547	Numerical Methods and Programming	3	DE	A	YES/NO
AML 550	Design of Pre-Stressed Concrete Structures	3	DE	E	YES/NO
AML 562	Instrumentation and Rehabilitation of Structures	3	DE	H	YES/NO
	DC-4+DE-1=Credits 16				

IIIrd Semester (Admission Year 2017-18)

CourseCode	Course Title	Credits	Cat.	Slot	Selection
AMD 501	Project Phase-I	3	DC	-	YES / NO
Any One					
AML 541	Theory of Plates and Shells	3	DE	F	YES/NO
AML 542	Stability of Structures	3	DE	A	YES/NO
AML 547	Numerical Methods and Programming	3	DE	A	YES/NO
AML 550	Design of Pre-Stressed Concrete Structures	3	DE	E	YES/NO
AML 552	Analysis and Design of Industrial Steel Structures	3	DE	C	YES/NO
AML 553	Analysis and Design of Bridges	3	DE	G	YES/NO
AML 562	Instrumentation and Rehabilitation of Structures	3	DE	H	YES/NO
AML 566	Random Vibration Analysis	3	DE	D	YES/NO
	DC-1+DE-1= Credits 6				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Chemical Engineering

(**To be filled in Blue Ink in Capital letters only)**

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CML 501	Thermodynamics of Phase and Chemical Equilibria	3	DC	C	YES/NO
CML 502	Chemical and Catalytic Reaction Engineering	3	DC	D	YES/NO
CML 503	Momentum Mass And Heat Transfer	3	DC	E	YES/NO
CML 504	Mathematical Methods in Chemical Engineering	3	DC	F	YES/NO
CMP 508	Analytical and Instrumental	1	DC	D	YES/NO
CMP 509	Computational and design	1	DC	F	YES/NO
Any Two					
CML 528	Interfacial Science and Engineering	3	DE	H	YES/NO
CML 529	Optimization Techniques in Process Design	3	DE	G	YES/NO
CML533	Mass Transfer With Chemical Reaction	3	DE	B	YES/NO
	DC6+ DE2 = Credits 20				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CMD 501	Project Phase I	3	DC	-	YES/NO
Any One					
CML 527	Mineral Beneficiation	3	DE	H	YES/NO
CML 532	Energy Technology and Conservation	3	DE	A	YES/NO
	DC1+ DE1 = Credits 6				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Construction Technology &Management

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CEL 406	Advanced Concrete Technology	3	DC	G	YES/NO
CEL 409	Quality and Safety in Construction	3	DC	H	YES/NO
CEL 519	Construction Planning and Control	3	DC	E	YES/NO
CEL 552	Construction Contracts and Specification	3	DC	C	YES/NO
CEL 558	Building Services	3	DC	D	YES/NO
CEP 406	Advanced Concrete Technology	1	DC	G	YES/NO
Any One					
CEL 442	Geotechnical Investigation of Construction Projects	3	DE	A	YES/NO
CEL 559	Energy Efficient Building	3	DE	F	YES/NO
	5DC+1DE = 19				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CED 501	Project Phase I	3	DC	-	YES/NO
CEP 564	Soft Computing in Construction Management	2	DC	H	YES/NO
CEL 582	Advanced Construction Technology	3	DE	C	YES/NO
	2DC+1DE =8				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

Name	_____	**Name of Department**	_____
ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Environmental Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CEL 501	Environmental Chemistry & Microbiology	3	DC	G	YES/NO
CEL 502	Municipal and Industrial Water Treatment	3	DC	E	YES/NO
CEL 503	Municipal Wastewater Treatment	3	DC	C	YES/NO
CEL 504	Water Supply and Wastewater Collection Systems	3	DC	D	YES/NO
CEL 506	Air Pollution Control	3	DC	H	YES/NO
CEP 501	Environmental Monitoring Laboratory-I.	1	DC	G	YES/NO
	5 DC= Credits 16				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CED 501	Project Phase I	3	DC	-	YES/NO
Any Two(Th+Pr) combination					
CEL 531	Spatial Analysis for Resources Management	3	DE	B	YES/NO
CEL 541	Water Distribution System Design	3	DE	A	YES/NO
CEL 559	Energy Efficient Building	3	DE	F	YES/NO
CEL 561	Risk Analysis & Decision Making	3	DE	H	YES/NO
CEP 531	Spatial Analysis for Resources Management	1	DE	B	YES/NO
	1DC+2DE= Credits 9/10				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Visvesvaraya National Institute of Technology, Nagpur

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Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

Name	_____	**Name of Department**	_____
ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Transportation Engineering

(**To be filled in Blue Ink in Capital letters only)**

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CEL 531	Spatial Analysis for Resources Management	3	DC	B	YES/NO
CEL 570	Advanced Traffic Engineering	4	DC	G	YES/NO
CEL 571	Highway Soil Mechanics	3	DC	H	YES/NO
CEL 578	Transportation System	3	DC	D	YES/NO
CEP 588	Field Studies in Transportation Engg.	2	DC	C	YES/NO
CEP 531	Spatial Analysis for Resources Management	1	DC	B	YES/NO
Any One					
CEL 519	Construction Planning and Control	3	DE	E	YES/NO
CEL 559	Energy Efficient Building	3	DE	F	YES/NO
	5DC+1DE= Credits 19/20				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CED 501	Project Phase I	3	DC	-	YES/NO
Any One					
CEL 436	Computer Aided Design and Analysis	3	DE	G	YES/NO
CEL 582	Advanced Construction Technology	3	DE	C	YES/NO
CEP 436	Computer Aided Design and Analysis	1	DE	G	YES/NO
	1DC+1DE = Credits 6/7				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Water Resources Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CEL 526	Groundwater Hydrology	3	DC	C	YES/NO
CEL 527	Free Surface Flows	3	DC	D	YES/NO
CEL 531	Spatial Analysis of Resources Management	3	DC	B	YES/NO
CEP 503	Water Resources Engineering	2	DC	A	YES/NO
CEP 531	Spatial Analysis of Resources Management	1	DC	B	YES/NO
MAL 401	Finite Difference Methods for Differential Equations	3	DC	F	YES/NO
CEL 406	Advanced Concrete Technology	3	DE	G	YES/NO
CEP 406	Advanced Concrete Technology	1	DE	G	YES/NO
	5DC+1DE= Credits 19				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
CED 501	Project Phase I	3	DC	-	YES/NO
CEL 517	Hydraulic Structures-II	3	DE	E	YES/NO
	1DC+1DE= Credits 6				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Computer Science & Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credit	Cat.	Slot	Selection
CSL 514	Advances in Algorithms	3	DC	F	YES/NO
CSL 522	Advances in Compiler Construction	4	DC	B	YES/NO
CSL 523	Advanced Computer Architecture	3	DC	G	YES/NO
CSP 502	Software Lab-I	2	DC	C	YES/NO
CSP 503	Technical Writing & Publishing	2	DC	H	YES/NO
Any One					
CSL 412	Artificial Intelligence	4	DE	D	YES/NO
CSL 442	Image & Video Processing	4	DE	H	YES/NO
CSL 517	Pattern Recognition	4	DE	A	YES/NO
	DC 14 + DE4 = Credits 18				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credit	Cat.	Slot	Selection
CSD 501	Project Phase - I	3	DC	-	YES/NO
Any Two					
CSL 436	Information Retrieval	4	DE	C	YES/NO
CSL 515	Mobile Communication Systems	3	DE	B	YES/NO
CSL 524	Real Time Systems	3	DE	A	YES/NO
CSL 530	Topics in Bioinformatics	3	DE	F	YES/NO
	DC1 + DE6-7 = Credits 9/10	**9-10**			

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Enrollment No.	_____		_____
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Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Integrated Power System

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
EEL 501	Power System Analysis	3	DC	C	YES/NO
EEL 502	Power System Dynamics I	3	DC	D	YES/NO
EEL 504	Digital Protection of Power System	3	DC	H	YES/NO
EEP 501	Power System Analysis	1	DC	C	YES/NO
EEP 504	Digital Protection of Power System	1	DC	H	YES/NO
Any Two (Th+Pr) combination					
EEL 409	HVDC	3	DE	F	YES/NO
EEL 516	Advanced Control Theory	3	DE	B	YES/NO
EEL 518	Electrical Drives-I	3	DE	G	YES/NO
EEL 522	Power Electronics Converters	3	DE	E	YES/NO
EEP 518	Electrical Drives-I	1	DE	G	YES/NO
EEP 522	Power Electronics Converters	1	DE	E	YES/NO
	DC3+DE2=Credits 19				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
EED 501	Project Phase I	3	DC	-	YES/NO
EEL 503	Power System Management	3	DC	C	YES/NO
Any One (Th+Pr) combination					
EEL 505	Artificial Intelligence Based System	3	DE	G	YES/NO
EEL515	Digital Control System	3	DE	F	YES/NO
EEP 505	Artificial Intelligence Based System	1	DE	G	YES/NO
EEP 515	Digital Control System	1	DE	F	YES/NO
	DC-2+DE1=Credits 10				

Signature of Student
Date :

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Date :

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Visvesvaraya National Institute of Technology, Nagpur

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Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Power Electronics & Drives

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
EEL 518	Electrical Drives-I	3	DC	G	YES/NO
EEL 522	Power Electronics Converters	3	DC	E	YES/NO
EEL 525	Processor Application in PE	3	DC	F	YES/NO
EEP 518	Electrical Drives-I	1	DC	G	YES/NO
EEP 520	Power Electronics	1	DC	E	YES/NO
EEP 525	Processor Application in PE	1	DC	F	YES/NO
Any Two (Theory)					
EEL 514	Pulse width modulation techniques for power converters	3	DE	D	YES/NO
EEL 516	Advanced Control Theory	3	DE	B	YES/NO
EEL 532	Analysis of Electrical Machines	3	DE	H	YES/NO
	DC3+DE2=Credits 18				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
EED 501	Project Phase I	3	DC	-	YES/NO
EEL515	Digital Control System	3	DC	F	YES/NO
EEP515	Digital Control System	1	DC	F	YES/NO
EEL 505	Artificial Intelligent Based System	3	DE	G	YES/NO
EEP 505	Artificial Intelligent Based System	1	DE	G	YES/NO
	DC2+DE1=Credits 11				

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Date :

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	_____		_____
Email	_____	**Category (if any)**	_____

V L S I Design

(**To be filled in Blue Ink in Capital letters only)**

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
ENL509	Advanced Device Physics	4	DC	A	YES/NO
ENL 511	CMOS Digital VLSI Design	4	DC	C	YES/NO
ENL 513	IC Design with HDL	4	DC	E	YES/NO
ENL 517	Micro and Nano Fabrication Technologies	4	DC	G	YES/NO
	DC4 =Credits 16				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
END 501	Project Phase I	3	DC	-	YES/NO
Any Two					
ENL 507	Design for Testability Yield and Reliability	3	DE	D	YES/NO
ENL521	Real Time Signal Processing	3	DE	F	YES/NO
ENL523	Display Materials and Technologies	3	DE	B	YES/NO
	DC-1+ DE-2=Credits 9				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Communication Systems Engineering

(**To be filled in Blue Ink in Capital letters only)**

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
ECL 520	Computational Electromagnetic	3	DC	E	YES/NO
ECL 521	Information Theory and Coding	3	DC	A	YES/NO
ECL523	Wireless Channels	3	DC	D	YES/NO
ECL 524	Statistical Signal Analysis	3	DC	B	YES/NO
ECL 525	Signal Processing for Communication Systems	3	DC	C	YES/NO
ECP 518	Communication Systems Lab I	1	DC	D	YES/NO
ECP 525	Signal Processing for Communication Systems	1	DC	C	YES/NO
ECL402	Communication Networks & Network Applications	3	DE	G	YES/NO
ECL 411	Digital Image Processing	3	DE	F	YES/NO
ECL 416	Fuzzy Logic & Neural Network	3	DE	H	YES/NO
ECP 402	Communication Networks & Network Applications	1	DE	G	YES/NO
	DC-5 + DE-1= Credits 23/24				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
ECD 501	Project Phase I	3	DC	G	YES/NO
	DC-1 = Credits 3				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Industrial Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MEL 502	Methods Engineering & Ergonomics	3	DC	D	YES/NO
MEL 505	Materials Management	3	DC	E	YES/NO
MEL 517	Quantitative techniques in Industrial Management	3	DC	H	YES/NO
MEL 553	Personnel Management & Industrial Relations	3	DC	A	YES/NO
MEP 502	Methods Engineering & Ergonomics	1	DC	D	YES/NO
MEP 517	Quantitative techniques in Industrial Management	1	DC	H	YES/NO
Any One					
MEL408	Supply Chain Management	3	DE	F	YES/NO
MEL452	Advanced Machining Processes	3	DE	G	YES/NO
MEL521	Production Planning And Control	3	DE	B	YES/NO
MEL 533	Failure analysis	3	DE	G	YES/NO
	DC4 +DE-1 = Credits 17				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MED 501	Project Phase – I	3	DC	-	YES/NO
Any Two					
MEL402	Surface Engineering	3	DE	D	YES/NO
MEL 425	Reliability and Maintenance Engineering	3	DE	G	YES/NO
MEL 433	Design for Manufacturing and Assembly	3	DE	E	YES/NO
MEL 439	Product Design & Development	3	DE	H	YES/NO
MEL 555	Project Evaluation & Management	3	DE	F	YES/NO
	DC1+DE2 = Credits 9				

Signature of Student
Date :

Signature of Faculty Advisor
Date :

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

Name	_____	**Name of Department**	_____
ID No.	_____	**Name of Faculty Advisor**	_____
Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Heat Power Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MEL 511	Fluid Dynamics	3	DC	B	YES/NO
MEL 512	Engineering Thermodynamics & Combustion	3	DC	D	YES/NO
MEL 417	Power Plant Engineering	3	DC	F	YES/NO
MEL 438	Advanced Refrigeration & Air Conditioning	3	DC	G	YES/NO
MEP 438	Advanced. Refrigeration & Air Conditioning	1	DC	G	YES/NO
	Any One				
MEL 435	Computational Fluid Dynamics	3	DE	C	YES/NO
MEL 528	Gas Dynamics	3	DE	E	YES/NO
MEP 435	Computational Fluid Dynamics	1	DE	C	YES/NO
MEP 528	Gas Dynamics	1	DE	E	YES/NO
	DC4 +DE1 = Credits 17				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MED 501	Project Phase – I	3	DC	-	YES/NO
MEL 507	Advanced CFD	3	DE	G	YES/NO
	Any One				
MEL 516	Fuel Cell Technology	3	DE	C	YES/NO
MEL 527	Hydraulics & Pneumatics	3	DE	F	YES/NO
MEP 516	Fuel Cell Technology	1	DE	C	YES/NO
MEP 527	Hydraulics & Pneumatics	1	DE	F	YES/NO
	DC1 +DE2 = Credits 10				

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

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Enrollment No.	_____		_____
Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

CAD & CAM

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MEL 410	Computer Aided Design	3	DC	F	YES/NO
MEL 522	Computer Aided Manufacturing	3	DC	C	YES/NO
MEP 410	Computer Aided Design	1	DC	F	YES/NO
MEP 522	Computer Aided Manufacturing	1	DC	C	YES/NO
MAL 505	Mathematical Elements for Engineers	3	DC	B	YES/NO
Any Two					
MEL 407	Bio Mechanics	3	DE	H	YES/NO
MEL 414	Tribology	3	DE	F	YES/NO
MEL 431	Advanced Mechanism	3	DE	D	YES/NO
MEL452	Advanced Machining Processes	3	DE	G	YES/NO
MEL 515	Robotics and Machine Vision	3	DE	A	YES/NO
MEL 533	Failure analysis	3	DE	G	YES/NO
	DC- 3 +DE- 2 = Credits 17				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MED 501	Project Phase - I	3	DC	-	YES/NO
MEL 420	Finite Element Method	3	DC	C	YES/NO
MEP 420	Finite Element Method	1	DC	C	YES/NO
Any one					
MEL 402	Surface Engineering	3	DE	D	YES/NO
MEL 433	Design for Manufacturing & Assembly	3	DE	E	YES/NO
MEL 437	Composite Materials	3	DE	G	YES/NO
MEL 439	Product Design & Development	3	DE	H	YES/NO
MEL 527	Hydraulics & Pneumatics	3	DE	F	YES/NO
MEP 527	Hydraulics & Pneumatics	1	DE	F	YES/NO
	DC 2 + DE1 = Credits 10/11				

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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Contact No.	_____	**SBI A/C No.**	_____
Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Materials Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MML 501	Introduction to Metals & Alloys	3	DC	B	YES/NO
MML 506	Structure and Characterization of Materials	3	DC	E	YES/NO
MML 507	Polymer Engineering	3	DC	D	YES/NO
MML 509	Ceramic Engineering	3	DC	C	YES/NO
MML 525	Thermodynamics of Materials	3	DC	G	YES/NO
MMP 506	Structure and Characterization of Materials	1	DC	E	YES/NO
MMP 501	Introduction to Metals & Alloys	0	AU	B	YES/NO
	DC5 + AU 1 = Credits 16				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MMD 501	Project Phase I	3	DC	-	YES/NO
MML 511	Casting & Solidification	3	DE	G	YES/NO
MML 537	Nano Materials and Characterization	3	DE	D	YES/NO
	DC1 +DE2 = Credits 9				

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Process Metallurgy

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MML 551	Physical Metallurgy & Heat Treatment of Metals & Alloys	3	DC	G	YES/NO
MMP 551	Physical Metallurgy & Heat Treatment of Metals & Alloys	1	DC	G	YES/NO
MML 552	Metallurgical Thermodynamics & Kinetics	3	DC	F	YES/NO
MML 553	Heat and Mass Transfer in Metallurgical Processes	3	DC	H	YES/NO
MML 554	Theory and Technology of Iron Making	3	DC	E	YES/NO
MML 555	Corrosion Science and Surface Engineering	3	DE	C	YES/NO
MMP 555	Corrosion Science and Surface Engineering	1	DE	C	YES/NO

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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Enrollment No.	_____		_____
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Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Excavation Engineering

(To be filled in Blue Ink in Capital letters only)

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MNL 522	Geo-Mechanics in Excavations	3	DC	E	YES/NO
MNL 523	Underground Excavation Equipment	3	DC	G	YES/NO
MNL 524	Surface Excavation Technology & Equipment	3	DC	F	YES/NO
MNP 522	Geo-Mechanics in Excavations	1	DC	E	YES/NO
MAL 505	Mathematical Elements for Engineers	3	DC	B	YES/NO
Any one					
MNL 529	Contract and Construction Management	4	DE	H	YES/NO
	DC4 +DE1 = Credits 17				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
MND 501	Project Phase I (Dissertation Seminar)	3	DC	-	YES/NO
MNL 534	Grouting Technology	3	DE	D	YES/NO
	DC1 +DE1 = Credits 6				

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Visvesvaraya National Institute of Technology, Nagpur

Registration Form for M. Tech. ¥

Enrollment for ODD Semester for Session 2018-19 (Winter-2018)

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Current Address	_____	**Scholarship Scheme (if any)**	_____
	_____		_____
Email	_____	**Category (if any)**	_____

Urban Planning

(**To be filled in Blue Ink in Capital letters only)**

Instruction: Please Tick √ appropriately and properly

Ist Semester (Admission Year 2018-19)

Course Code	Course Title	Credits	Cat.	Slot	Selection
ARL 507	Planning Principles and Techniques	3	DC	D	YES/NO
ARL 508	Housing	3	DC	G	YES/NO
ARP 501	Planning Studio – I	4	DC	B2C2,B5C5	YES/NO
MAL 506	Statistical Methods For Urban Planning	3	DC	F	YES/NO
ARL 436 / ARL 512	History of Human Settlements / Urban Design & Conservation	3	DE	E	YES/NO
	DC4 +DE1 = Credits 16				

IIIrd Semester (Admission Year 2017-18)

Course Code	Course Title	Credits	Cat.	Slot	Selection
ARD 501	Project Phase I	3	DC	B1C1	YES/NO
ARP 504	Planning Studio III	3	DC	B2C2B5	YES/NO
ART 503	Project Appraisal / Training	0	AU	-	YES/NO
Any One					
ARL 518	Urbanization and Climate Change	3	DE	C	YES/NO
ARL 519	Metro and Regional Planning	3	DE	C	YES/NO
	DC2 +DE1 = Credits9				

Signature of Student
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