



**Narula Institute of Technology**

81, Nilgunj Road, Agarpara, Kolkata-700109

---

# **Supporting Documents**

## **Criteria: 1.3.4**

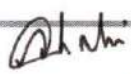
### **Project List of Programme B. Tech.**

**in**

### **Mechanical Engineering**

**(for the academic year of 2019-20)**

Programme name	Program Code	List of students undertaking field projects /research projects / internships	Title of Project
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	AkramShahanawaz	Comparison between Machining of Steel and Alumminium in CNC lathe with literature reviews
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Dilip Kumar	Comparison between Machining of Steel and Alumminium in CNC lathe with literature reviews
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Md. Sarfaraz Khan	Comparison between Machining of Steel and Alumminium in CNC lathe with literature reviews
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Sahil Kumar	Comparison between Machining of Steel and Alumminium in CNC lathe with literature reviews
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Syed Sabeel Ahmad	Comparison between Machining of Steel and Alumminium in CNC lathe with literature reviews
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Vipul Kumar Pandey	Comparison between Machining of Steel and Alumminium in CNC lathe with literature reviews
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Bappaditya Ghosh	Study of Machining Characteristics in WEDM of Ti Grade 12 Alloy
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Indranil Paul	Study of Machining Characteristics in WEDM of Ti Grade 12 Alloy
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Pritam Majhi	Study of Machining Characteristics in WEDM of Ti Grade 12 Alloy
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Suman Panja	Study of Machining Characteristics in WEDM of Ti Grade 12 Alloy
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Sumit Mondal	Study of Machining Characteristics in WEDM of Ti Grade 12 Alloy
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Rohit Kumar Yadav	Electrical voltage generation by utilizing vibration of structural elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Kushagra Agarwal	Electrical voltage generation by utilizing vibration of structural elements
B.TECH IN	ME	Ashim Banerjee	Electrical voltage generation by



MECHANICAL ENGINEERING	(B.TECH)		utilizing vibration of structural elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Piyush Roy	Electrical voltage generation by utilizing vibration of structural elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Biswarup Patra	Electrical voltage generation by utilizing vibration of structural elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Souvik Das	BIM in AEC Industry
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Agnibha Saha	Solar Energy for cooling and refrigeration
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Nilanjan Ghosh	Solar Energy for cooling and refrigeration
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Debojyoti Chakraborty	Solar Energy for cooling and refrigeration
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Bhaskar Bawaly	Solar Energy for cooling and refrigeration
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Danish Shabbir	Solar Energy for cooling and refrigeration
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUBHASIS DWARY	EFFECT OF THE HEAT TREATMENT PROCESS ON MECHANICAL PROPERTIES FOR STAINLESS STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SURAJ RAY	EFFECT OF THE HEAT TREATMENT PROCESS ON MECHANICAL PROPERTIES FOR STAINLESS STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	DIPAK KUMAR SHARMA	EFFECT OF THE HEAT TREATMENT PROCESS ON MECHANICAL PROPERTIES FOR STAINLESS STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	NEERAJ KUMAR	EFFECT OF THE HEAT TREATMENT PROCESS ON MECHANICAL PROPERTIES FOR STAINLESS STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ANIKET SINHA	EFFECT OF THE HEAT TREATMENT PROCESS ON MECHANICAL PROPERTIES FOR STAINLESS STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SHASHANK KUMAR	EFFECT OF THE HEAT TREATMENT PROCESS ON MECHANICAL PROPERTIES FOR STAINLESS STEEL
B.TECH IN	ME	Deboraj Nath	OPTIMIZATION OF PROCESS

MECHANICAL ENGINEERING	(B.TECH)		PARAMETERS IN (WEDM) OF Ti GRADE 5 ALLOY
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Syed Ashif Hussain	OPTIMIZATION OF PROCESS PARAMETERS IN (WEDM) OF Ti GRADE 5 ALLOY
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Nilendu Sarkar	OPTIMIZATION OF PROCESS PARAMETERS IN (WEDM) OF Ti GRADE 5 ALLOY
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Sk.Miraj Ali	OPTIMIZATION OF PROCESS PARAMETERS IN (WEDM) OF Ti GRADE 5 ALLOY
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Sumanta Ganguly	OPTIMIZATION OF PROCESS PARAMETERS IN (WEDM) OF Ti GRADE 5 ALLOY
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Krishnendu Jana	OPTIMIZATION OF PROCESS PARAMETERS IN (WEDM) OF Ti GRADE 5 ALLOY
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ARSHAD HUSSAIN	CHAINLESS BICYCLE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	MD DANISH KHAN	CHAINLESS BICYCLE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	MRINAL KUMAR DAS	CHAINLESS BICYCLE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	JOY SARKAR	CHAINLESS BICYCLE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ATISHAY	CHAINLESS BICYCLE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Anshuman Shaw	Analysis of Parameter of CNC Machine by Using TAGUCHI & ANOVA method.
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Debjit Hati	Analysis of Parameter of CNC Machine by Using TAGUCHI & ANOVA method.
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Sudipto Polley	Analysis of Parameter of CNC Machine by Using TAGUCHI & ANOVA method.
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Santosh Kumar Rabidas	Analysis of Parameter of CNC Machine by Using TAGUCHI & ANOVA method.
B.TECH IN	ME	Najibul Islam	Analysis of Parameter of CNC

MECHANICAL ENGINEERING	(B.TECH)		Machine by Using TAGUCHI & ANOVA method.
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	NabarunBera	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	TufanKoley	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Bapan Ghosh	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	PradiptaDagar	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Rakesh Das	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SomnathAdhikary	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Ajay Kr. Das	Optimization of material removal rate (M.R.R.) of EN24 steel in CNC Lathe Using Taguchi Method
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Amulya Tripathi	Optimization of material removal rate (M.R.R.) of EN24 steel in CNC Lathe Using Taguchi Method
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	MD NASIR	Optimization of material removal rate (M.R.R.) of EN24 steel in CNC Lathe Using Taguchi Method
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Rohit Bhagat	Optimization of material removal rate (M.R.R.) of EN24 steel in CNC Lathe Using Taguchi Method
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Suman Howlader	Optimization of material removal rate (M.R.R.) of EN24 steel in CNC Lathe Using Taguchi Method
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Shoaib Akther Laskar	Fuel Injection System
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Mohammad Shahid	Fuel Injection System
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Reyaz Khan	Fuel Injection System
B.TECH IN	ME	Riyanka Deb	Fuel Injection System



MECHANICAL ENGINEERING	(B.TECH)		
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SOUMEDHIK CHOWDHURY	DESIGN AND DEVELOPMENT ON ELECTROMAGNETIC AND AUTOMATIC BREAKING SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	DEBAYAN HALDER	DESIGN AND DEVELOPMENT ON ELECTROMAGNETIC AND AUTOMATIC BREAKING SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SANDIP PAUL	DESIGN AND DEVELOPMENT ON ELECTROMAGNETIC AND AUTOMATIC BREAKING SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SOUMYA KUNDU	DESIGN AND DEVELOPMENT ON ELECTROMAGNETIC AND AUTOMATIC BREAKING SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	PRITAM CHAUDHURI	DESIGN AND DEVELOPMENT ON ELECTROMAGNETIC AND AUTOMATIC BREAKING SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ABHISHEK RATAN	Working of Refrigerator
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ANKIT KUMAR MISHRA	Working of Refrigerator
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	VICKY KUMAR	Working of Refrigerator
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SAMANTAK MALLICK	Working of Refrigerator
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	VARUN SAXENA	THERMODYNAMICS IN PRACTICAL LIFE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	NIKHIL ANAND	THERMODYNAMICS IN PRACTICAL LIFE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	RAHUL KUMAR	THERMODYNAMICS IN PRACTICAL LIFE
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SHAIKH MOHAMMED UMAR	Project on balancing
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SANCHITA KAHAR	Project on balancing
B.TECH IN	ME	SIDDHANT PRASAD	Project on balancing

*Shahi*

MECHANICAL ENGINEERING	(B.TECH)		
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUSMITA SAHA	Project on balancing
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	KUMAR DEEP BISWAS	Project on balancing
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	RANADEEP DAS	STUDY OF "MACHINING PERFORMANCE IN WIRE ELECTRO DISCHARGE MACHINING (WEDM) OF TI GRADE 9 ALLOY"
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SAYAN BOSE	STUDY OF "MACHINING PERFORMANCE IN WIRE ELECTRO DISCHARGE MACHINING (WEDM) OF TI GRADE 9 ALLOY"
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUBHADEEP SAHA	STUDY OF "MACHINING PERFORMANCE IN WIRE ELECTRO DISCHARGE MACHINING (WEDM) OF TI GRADE 9 ALLOY"
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	RAHUL MALICK	STUDY OF "MACHINING PERFORMANCE IN WIRE ELECTRO DISCHARGE MACHINING (WEDM) OF TI GRADE 9 ALLOY"
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ADRIT CHATTERJEE	STUDY OF "MACHINING PERFORMANCE IN WIRE ELECTRO DISCHARGE MACHINING (WEDM) OF TI GRADE 9 ALLOY"
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Gourav Das	Automation in Conveyor system
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Soumyadeep Bose	REMOTE CONTROLLED WEAPON SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Puja Sarkar	REMOTE CONTROLLED WEAPON SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Subhankar Das	REMOTE CONTROLLED WEAPON SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Vaskar Ghosh	REMOTE CONTROLLED WEAPON SYSTEM
B.TECH IN	ME	Dibyendu Sarkar	REMOTE CONTROLLED WEAPON

MECHANICAL ENGINEERING	(B.TECH)		SYSTEM
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Rutajeet Dutta	SOLAR ENERGY FOR COOLING AND REFRIGARATION
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	AMARTYA DAS	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SOURAV DAS	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	MD MUZZAMMIL KHAN	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ARITRA ROY	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SOURAV BISWAS	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ADITYA TAMANG	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ARINDAM DAS	PROJECT ON EFFECT OF THE HEAT TREATMENT OF THE LOW CARBON STEEL
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Nabarun Bera	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Tufan Koley	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Bapan Ghosh	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Pradipta Dagar	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Rakesh Das	Different uses of piezoelectric material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Somnath Adhikary	Different uses of piezoelectric material
B.TECH IN	ME	Arghya Roy Chaudhury	Optimization of MRR and TWR on

*Shahi*



MECHANICAL ENGINEERING	(B.TECH)		EDM by Using Taguchi's Method and ANOVA
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Amit Kumar Debnath	Optimization of MRR and TWR on EDM by Using Taguchi's Method and ANOVA
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Debjyoti Mondal	Optimization of MRR and TWR on EDM by Using Taguchi's Method and ANOVA
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Mridul Kanti Sen	Optimization of MRR and TWR on EDM by Using Taguchi's Method and ANOVA
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Deep dey sarkar	Optimization of MRR and TWR on EDM by Using Taguchi's Method and ANOVA
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	DEBJYOTI MONDAL	Vibrational analysis of 1st DOF Sysytem
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	DEBRAJ MOULICK	Vibrational analysis on 1st DOF Sysytem
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Joydip Biswas	Vibrational analysis on 1st DOF Sysytem
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	DIBAKAR MUKHERJEE	Vibrational analysis on 1st DOF Sysytem
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	RAJA DAS	Vibrational analysis of beam type elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ROHIT DAS	Vibrational analysis of beam type elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SAYAN PAN	Vibrational analysis of beam type elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SOURAV GAZI	Vibrational analysis of beam type elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUBHAJIT MONDAL	Vibrational analysis of beam type elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUSOBHAN ROY	Vibrational analysis of beam type elements
B.TECH IN	ME	UTTIYA CHATTERJEE	Vibrational analysis of beam type

MECHANICAL ENGINEERING	(B.TECH)		elements
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	DANISH SHABBIR	Heat treatment on ferrous material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	KUNAL SENAPATI	Heat treatment on ferrous material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Nilanjan Ghosh	Heat treatment on ferrous material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	Rittik Maity	Heat treatment on ferrous material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	BIKASH SINGH	Heat treatment on ferrous material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ANIKET JANA	Heat treatment on ferrous material
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	BISWARUP DASGUPTA	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	UTTIYA CHAKI	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	MUSKAN GUPTA	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SAURAV SUMAN	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ABHISHEK PRAMANIK	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	RISHABH JAISWAL	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	PRASENJIT GHOSH	Non coventional machining
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUMIT SAHA	Designing of spur gear
B.TECH IN	ME	ADITYA BHATTACHARJEE	Designing of spur gear

*Shah*

MECHANICAL ENGINEERING	(B.TECH)		
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	BALRAJ SINGH DHILLON	Designing of spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SUMIT MUKHOPADHYAY	Designing of spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	MOHIT MIRANI	Designing of spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SANDIPON DUTTA	Designing of spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SOHAIL MOHAMMAD	Designing of spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ANUBHAB BANERJEE	Designing of Helical spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	HITESH GHOSH	Designing of Helical spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	NILOTPAL GOPE	Designing of Helical spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	ARYA KUMAR	Designing of Helical spur gear
B.TECH IN MECHANICAL ENGINEERING	ME (B.TECH)	SAGNIK SINGHA ROY	Designing of Helical spur gear

