

Department of Mechanical Engineering

Department of Mechanical Engineering
 Allotment of Guide for BTTP (Tentative)
 Class: B.Tech (Mech) Sem-VII & VIII
 Year: 2021-22
 Date: 1 October 2021

PRN	Name of the Student	Guide	Topic	CA out of 50
1	PRN:10303320181161210029 SANAP YADNESH SANJAY	Dr. M S Tandale	Internship Project in Steradix Solutions Pvt Ltd. Title: ADVANCED ENGINEERING TECHNIQUES FOR INDUSTRIAL DESIGN (3D SOLID MODELING AND AUTOMATION)	44
2	PRN:10303320181161213009 PARTHE SANKET SANJAY		Internship Project in Steradix Solutions Pvt Ltd. Title: Advanced Engineering Techniques for Ind Design (#D Solid Modeling and Automation)	44
3	PRN:10303320181161210001 WATGURE PRITI SUNILRAO		Internship Project in Steradix Solutions Pvt Ltd. Title: Advanced Engineering Techniques for Ind Design	44
4	PRN:10303320181161210006 KADUKAR SHIVAM SANJAY		Internship Project with CCTech Pune. Title: Data converter for web scraping oil and gas production data from legacy IBM mainframe EBCDIC format to modern formats for Data Analytics	44
5	PRN:10303320181161210030 KRITTEMOY BASU		BTTP: Heat Transfer Enhancement in a Circular Tube with Inserts.	45
6	PRN:10303320181161210024 KHIRDIKAR GAURAV RAJENDRA		CMTI Bangalore drishti. Title: Inhouse Generation of Electrochromic Glass & Manufacturing of Vertical Axis Wind Turbine	43
7	PRN:1930331612025 PATIL HARSHADA DAMODAR		Internship Project with Steradix Pune. Title: Advance Engineering Techniques for Industrial Design	46
8	PRN:10303320181161210016 CHAVAN AAKASH BASRAJ		Design and Simulation of All terrain vehicle	40
9	PRN:10303320181161210062 SALUNKHE VIKAS KISAN		Design and Simulation of All terrain vehicle	40
10	PRN:10303320181161210022 WARHATKAR PALLAVI HEMANTKUMAR		Design and development of Test rig for oil filters at CMTI Bangalore drishti	48
11	PRN:10303320181161210034 DEVESH DESHMUKH		Design and Simulation of All terrain vehicle	43
12	PRN:10303320181161210020 GADAGE RITIK RAJU		Design and Simulation of All terrain vehicle	41
13	PRN:10303320181161210015 KAMBLE MAYUR SANTOSHKUMAR		Spider Fixture design for welding at Hypro Engg.	45
14	PRN:1930331612024 LAHARE PRAVIN ARUN		BTTP-Design of Automatic Solar Panel Dust Cleaner and Sun Tracker	43

Dr. Babasaheb Ambedkar Technological University
 LONERE 402 103
 Tel: Mandanaon, Dist. Raigad, (Maharashtra)

Dr. Babasaheb Ambedkar Technological University
 LONERE 402 103
 Department of Mechanical Engineering

Department of Mechanical Engineering

Allotment of Guide for BTP (Tentative)
Class: B.Tech.(Mech) Sem- VII & VIII

Year: 2021-22
Date: 1 October 2021

15	PRN:1930331612026	REDDY RAHUL PILLAPPA	Dr. S R Dhale	Internship-Analysis of Sewage Treatment Plant, Hydrosphere Envirotech, Navi Mumbai	45
16	PRN:1930331612027	MAANE ANIKET DNYANESHWAR	Dr. S R Dhale	BTP-Design of Automatic Solar Panel Dust Cleaner and Sun Tracker	42
17	PRN:1930331612076	MARCHANDE SURAJ SUNIL	Dr. S R Dhale	Internship -Analysis of Sewage Treatment Plant, Hydrosphere Envirotech, Navi Mumbai	44
18	PRN:1930331612020	BAIT MAHESH MARUTI	Dr. S R Dhale	BTP -Design of Automatic Solar Panel Dust Cleaner and Sun Tracker	44
19	PRN:1930331612029	POLDASE MAYUR MAHADEV	Dr. S R Dhale	Internship- Analysis and Testing of Automobile Radiator Test Rig MSRTC Mumbai	47
20	PRN:1930331612079	DHANKE SANJAY SHIVAJI	Dr. S R Dhale	BTP -Design of Automatic Solar Panel Dust Cleaner and Sun Tracker	43
21	PRN:10303320181161210002	WAGH RAHUL BHATU	Dr. R P Kate	DESIGNING A HVAC SYSTEM FOR A MULTI-SPECIALITY HOSPITAL	47
22	PRN:10303320181161210004	ULAGE NIRANJAN RAMKISAN	Dr. R P Kate	DESIGNING A HVAC SYSTEM FOR A MULTI-SPECIALITY HOSPITAL	45
23	PRN:10303320181161210011	JAWADE SUYOG RAMESH	Dr. R P Kate	DESIGNING A HVAC SYSTEM FOR A MULTI-SPECIALITY HOSPITAL	46
24	PRN:10303320181161210012	KAMBLE SIDDHARTH MAHADU	Dr. R P Kate	DESIGNING A HVAC SYSTEM FOR A MULTI-SPECIALITY HOSPITAL	46
25	PRN:10303320181161210025	AHIWALE RUTUJA DEEPAK	Dr. G S Warkhane	Internship: Process design of steam trap and Industrial problems	45
26	PRN:10303320181161210032	NISHANT PRASHANT BANOLE	Dr. G S Warkhane	Design and Analysis of Vertical Axis Wind Turbine	46
27	PRN:10303320181161210067	PADOLE SAURABH YOGESHWAR	Dr. G S Warkhane	Design and Analysis of Vertical Axis Wind Turbine	46
28	PRN:10303320181161211001	PATIL SAMEER MARUTI	Dr. G S Warkhane	Design and Analysis of Vertical Axis Wind Turbine	46
29	PRN:10303320181161213001	DODKULKAR MANDAR MAHESH	Dr. G S Warkhane	Design and Analysis of Vertical Axis Wind Turbine	47
30	PRN:10303320181161213002	PATIL PRATIK CHANDRAKANT	Dr. G S Warkhane	Design and Analysis of Vertical Axis Wind Turbine	47
31	PRN:10303320181161213003	ZINJADE PRAJWAL AJINATH	Dr. G S Warkhane	Design and Analysis of Vertical Axis Wind Turbine	46

REGISTRAR
CHANDRAKANT
Ambedkar Technological University
LONERE 402 103
Tal. Manggaon Dist. Solgaod (Maharashtra)

Prof. (Dr.) Neeraj Agrawal
Professor and Head
Department of Mechanical Engineering
Ambedkar Technological University Lonere 402103
Manggaon, Dist. Solgaod Maharashtra, India

Department of Mechanical Engineering

Allotment of Guide for BTP (Tentative)
Class: B.Tech (Mech) Sem-VII & VIII

Year: 2021-22

Date: 1 October 2021

32	PRN:10303320181161213007	AKHADKAR VIKAS RAJENDRA			45
33	PRN:10303320181161210041	CHAUDHARI HARSHAL DATATRAY			46
34	PRN:10303320181161210071	DAKWA RAMKRISHNA		CMTI, Bangalore (Internship-Manufacturing)	48
35	PRN:10303320181161210052	PATIL RITESH KIRAN		Viraj Profiles Ltd, Boisar (Internship-Manufacturing)	45
36	PRN:10303320181161210014	PRASHANT CHAUDHARI		ARAI, Pune (Internship-Manufacturing)	43
37	PRN:10303320181161210064	KHARAT OMKAR MANGESH		Kanakdhara Industries Pvt Ltd, Jalna (Internship-Manufacturing)	46
38	PRN:10303320181161210026	WARGUDE ANU MILIND		Asmita Engineering Equipments-Scissor Lift Manufacturer, Pune (Internship-Manufacturing)	43
39	PRN:10303320171161213007	ROSHAN SUNIL SALUNKE		Hydro Engineering Pvt Ltd, Paud,Mulshi (Internship-Manufacturing)	39
40	PRN:10303320181161211002	MAHMADAPURE NILESH GOVINDRAO		BTP on Pneumatic Engine	44
41	PRN:10303320181161211003	PUNDLIK KUNDESHWAR VIJAYRAO	Dr. V G Sargade	BTP on Pneumatic Engine	45
42	PRN:10303320181161210068	ANERAO DHANRAJ BHIMANAND		BTP on Pneumatic Engine	45
43	PRN:10303320181161213005	GUPTA KANHAIYA SHESHKUMAR		Viraj Profile Ltd. (Forging Division), Boisar.	25
44	PRN:1930331612013	KULKARNI SACHIN SURESH		Ruktat Tech Pvt Ltd	40
45	PRN:1930331612023	PATIL CHAITANYA SHANTARAM		Star Engineering Pvt Ltd Pune	42
46	PRN:1930331612081	METE SANDIP HARIBHAU		ASAL Automotive Startups and Assemblies ltd. (A TATA Enterprise) Jaya Hyundai Car and Scooter and Field Workshops, Mandar Mechanical Engineering	42
47	PRN:193033161201	GAWALE SANGAM SUNIL			32

REGISTRAR

Dr. Babasaheb Ambedkar Technological University
LONERE 402 103.



Dr. Babasaheb Ambedkar Technological
University Lonere 402 103

Department of Mechanical Engineering

Allotment of Guide for BTP (Tentative)
Class: B.Tech.(Mech) Sem-VII & VIII

Year: 2021-22

Date: 1 October 2021

48	PRN:10303320181161210007	BHANDWALKAR PRATHMESH SHIVAJI
49	PRN:10303320181161213008	SARODE NAVAN MADHAV
50	PRN:10303320181161210042	KAMBLE SAGAR SHANKAR
51	PRN:10303320181161210053	YELE SURAJ ANIL
52	PRN:10303320181161210058	PATIL ABHIJIT VISHWAS
53	PRN:10303320181161210008	MADHURI SAMPAT SHINDE
54	PRN:10303320171161210067	KAJAL AJIT PAWAR
55	PRN:10303320181161210027	FULZALAKE ROHAN SANJAY
56	PRN:10303320181161210037	SHIRKE MAYA GAJANAN
57	PRN:10303320181161210038	VASAVE MANISH DEVIDAS
58	PRN:10303320181161210043	PATIL SRUSHTI SURESH
59	PRN:10303320181161210048	GAURAV VILAS UGHADE
60	PRN:1930331612010	HEGISHTE HARSHADA NILKANTH
61	PRN:10303320181161210023	RUCHA ZIRPE
62	PRN:10303320181161210021	NANDGAONKAR AAKANSHA VIJAY
63	PRN:10303320181161210063	CHILAD SANKET MAHANTESH

Dr. R S
Pawade

Acoustic Emission Characteristics Studies in Micro Drilling of Titanium -CFRP stacked composite	42
Acoustic Emission Characteristics Studies in Micro Drilling of Titanium -CFRP stacked composite	45
Acoustic Emission Characteristics Studies in Micro Drilling of Titanium -CFRP stacked composite	43
Analysis of car Bumper using ANSYS under different conditions and for different materials.	40
File Converter-STL to OBJ and vice versa Centre for Computational Technology(cctech) pune	39
Acoustic Emission Characteristics Studies in Micro Drilling of Titanium -CFRP stacked composite	42
Performance Improvement of Solar Photovoltaic system with CFD Analysis Leena Industries Solapur	40
SVR InfoTech, Pune	45
SVR InfoTech, Pune	45
SVR InfoTech, Pune	47
SVR InfoTech, Pune	46
Enaltec Labs Pvt. Ltd. Mumbai	45
TATA MOTORS LIMITED (CVBU), PUNE (Sludge Press Machine, Axle Inversion Unit and Pipe Bending Fixture Design)	44
Enaltec labs pvt ltd , Ambemath MIDC, ambarnath East Dist :Thane, Maharashtra 421506. (Engineering & Maintenance)	44
SHIRODKAR PRECI COMP PVT LTD PUNE (Process Improvement for Cycle time reduction & Cost Optimization of Raw Material)	44

Prashant
Agwane

Dr. D B
Waghmare

Prof. (Dr.) Neeraj Agrawal
Professor and Head

Dr. Babasaheb Ambedkar
LONERE 402 103
Tal. Mangaon, Dist. Raigad, (Maharashtra)

Department of Mechanical Engineering
University lonere 402103
Mangaon, Dist. Raigad Maharashtra, India

Department of Mechanical Engineering

Allotment of Guide for BTP (Tentative)

Class: B.Tech.(Mech) Sem-VII & VIII

Year: 2021-22

Date: 1 October 2021

64	PRN:10303320181161213006	PATIL ANIKET SHANKAR	SHIRODKAR PRECI COMP PVT LTD,PUNE	43
65	PRN:10303320181161210031	SHAIKH IBRAHIM JILANI	SHIRODKAR PRECI COMP PVT LTD,PUNE	44
66	PRN:10303320181161210017	KUMBHAR SANKET SADASHIV	Excel Roha/	45
67	PRN:10303320181161210039	SAKHARE PUROHIT BHIMRAO	Tubon Energy Systems, Plot no. W-67, M.I.D.C., Shiroli, Dist Kolhapur 416122 Maharashtra	42
68	PRN:10303320181161210040	LOMATE KUNAL KIRAN	Akshay Metal Industries at A-19, Akshay Chowk, National Highway 211 M.I.D.C., Osmanabad, Maharashtra 413501	41
69	PRN:10303320181161210050	BARGUDE SHUBHAM SUBHASH	Automated wall painting machine/Internship	45
70	PRN:10303320181161213003	KADAM PRAFUL PRADEEP	Automated wall painting machine/Internship	40
71	PRN:10303320181161210051	GORE VIRESH VILAS	Automated wall painting machine/Internship	41
72	PRN:10303320181161210061	UBHARE SAHIL SANDEEP	Automated wall painting machine/Internship	42
73	PRN:1930331612077	DAREKAR YASH PRADIP	Automated wall painting machine/Internship	43
74	PRN:10303320181161210003	DURGE MUGDHA DEEPAK	Gratitude Energy Pune Thermal	43
75	PRN:10303320181161210009	MIRGANE SAMRUDDHI RAMRAJE	Bajaj Auto Aurangabad Thermal/manufacturing	39
76	PRN:10303320181161210013	SARTHAK SHINDIKAR	Gratitude Energy Pune Thermal	45
77	PRN:10303320181161210028	TURKAR SUMEET MANOJ	CC Tech Pune Thermal	40
78	PRN:10303320181161210018	CHAVAN GOVINDSINGH RANJITSINGH	Performance Improvement of Solar Photovoltaic system with CFD Analysis	42
79	PRN:1930331612080	PATIL SHWETARANI PANDHRI	Performance Improvement of Solar Photovoltaic system with CFD Analysis	25
80	20150147	RANE SHUBHAM DILIP	Performance Improvement of Solar Photovoltaic system with CFD Analysis	45

Nivedita Patil

Dr. Neeraj Agrawal

REGISTRAR

Dr. Babasaheb Ambedkar Technological University

LONERE 402 103.

Tal. Mangaon, Dist. Raigad, (Maharashtra)

Prof. (Dr.) Neeraj Agrawal
Professor and Head

Department of Mechanical Engineering
Dr. Babasaheb Ambedkar Technological

University Lonere 402103

Mangaon, Dist. Raigad Maharashtra, India

Department of Mechanical Engineering

Allotment of Guide for BTP (Tentative)

Class: B.Tech.(Mech) Sem-VII & VIII

Year: 2021-22

Date: 1 October 2021

Project Stage - I

BTMEP711	Project 6	Project Stage - I	0-0-6	3 Credits
----------	-----------	-------------------	-------	-----------

Examination Scheme:

Continuous Assessment: 30 Marks

End Semester Exam: 20 Marks

Course Contents:

The students in a group of not more than FOUR will work under the guidance of the faculty member on the project work undertaken by them. The completion of work, the submission of the report and assessment should be done at the end of VII Sem.

The project work should consist of any of the following or appropriate combination:

1. A comprehensive and up-to-date survey of literature related to study of a phenomenon or product.
2. Design of any equipment and / or its fabrication and testing.
3. Critical Analysis of any design or process for optimizing the same.
4. Experimental verification of principles used in applications related to various specializations related to Mechanical Engineering.
5. Software development for particular applications.
6. A combination of the above.

It is expected that the students should complete at least 40% of the total project work in VII Semester. The objective is to prepare the students to examine any design or process or phenomenon from all angles, to encourage the process of independent thinking and working and to expose them to industry.

The students may preferably select the project works from their opted elective subjects. The students should submit the report in a prescribed format, before the end of VII semester. The report shall be comprehensive and presented typed on A, size sheets and bound. Number of copies to be submitted is **number of students plus two**. The assessment would be carried out by the panel of examiners for both, term work and oral examinations.

Semester - VIII

Project Stage – II/Internship and Project

BTMEP803	Project 7	Project Stage – II or Internship and Project*	0-0-30	15 Credits
----------	-----------	---	--------	------------

Examination Scheme:

Continuous Assessment: 50 Marks

End Semester Exam: 100 Marks

REGISTRAR

Dr. Babasaheb Ambedkar Technological University,
LONERE 402 103

Tal Manganon, Dist Raigad, (Maharashtra)

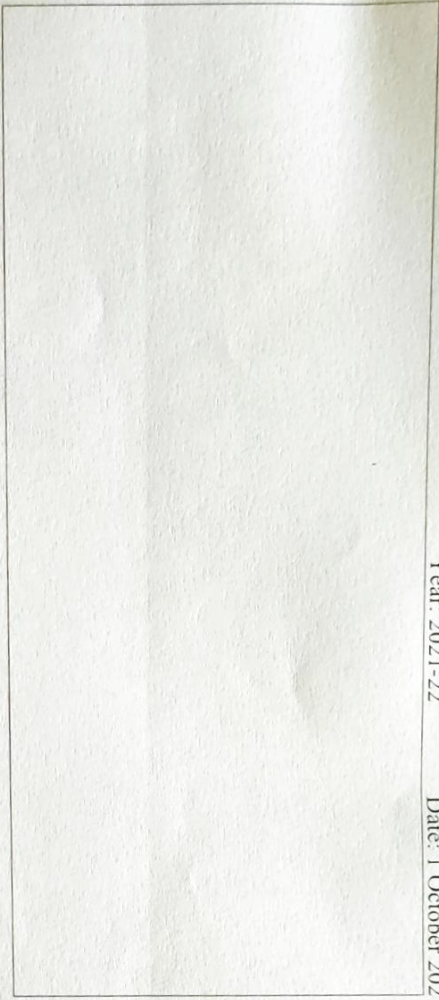
Prof. (Dr.) Neeraj Agrawal

Professor and Head

Department of Mechanical Engineering

Dr. Babasaheb Ambedkar Technological
University Lonere 402103

Manganon, Dist. Raigad Maharashtra, India



Course Contents

Since **Project Stage II** is in continuation to **Project Stage I**, the students are expected to complete the total project by the end of semester VIII. After completion of project work, they are expected to submit the **consolidated report including the work done in stage I and stage II**. The report shall be comprehensive and presented typed on A4 size sheets and bound. The number of copies to be submitted is **number of students plus two**. The assessment would be carried out by the panel of examiners for both, term work and oral examinations.

Dr. Madhukar Tandale, Project Coordinator

Head, M.E.D

Prof. (Dr.) Neeraj Agrawal

Professor and Head

Department of Mechanical Engineering

Dr. Babasaheb Ambedkar Technological

University Lonere 402103

Warananagar, Dist. Raigad Maharashtra, India

REGISTRAR

Department of Technological University

Dr. Babasaheb Ambedkar

Lonere 402 103

Tal. Mangalgi, Dist. Raigad, (Maharashtra)