

PBI Schedule for Mechanical Discipline (Venue CR-202)

S.No	Roll No	Name Of Student	Research Area	Research Topic	Supervisor Name	Member	Time
19/11 2018							
1	2015003	ABHIMANYU KUMAR	Smart/Material Structure	Piezoelectric Energy Harvester	Dr. Sujoy Mukharjee	SDP,AKS,SA	10.00 to 10.30AM
2	2015013	AKASH SINGHAL	SMART STRUCTURE	Piezoelectric Energy Harvester	Dr. Sujoy Mukharjee		
3	2015273	VICKY KUMAR	Smart/Material Structure	Piezoelectric Energy Harvester	Dr. Sujoy Mukharjee		
4	2015045	APPAN KANDALA BHARADWAJ	Smart/Material Structure	Dynamic Vibration Absorber Based Piezoelectric Energy Harvester	Dr. Sujoy Mukharjee	SDP,MZA,AKS	10.30 to 11.00AM
5	2015046	ARCHIT GARG	Smart Structures	Dynamic vibration absorber based piezoelectric energy harvester	Dr. Sunil Agrawal		
6	2015054	ATHRAM SATHISH	Smart/Material Structure	Dynamic Vibration Absorber Based Piezoelectric Energy Harvester	Dr. Sujoy Mukharjee		
7	2015194	RAGHAV GUPTA	Fabrication and characterization of smart material base transducer	Fabrication and Characterization of Smart Material Based Transducers	Dr. Sujoy Mukharjee	SDP,MZA,AKS	11.00 To 11.30 AM
8	2015199	RAJESH DANSENA	Smart Material	Fabrication and Characterization of Smart Material Based Transducers	Dr. Sujoy Mukharjee		
9	2015235	SHIVAM MISHRA	Smart/Material Structure	Fabrication and Characterization of Smart Material Based Transducers	Dr. Sujoy Mukharjee		
10	2015012	AKASH RAGHUWANSHI	Automobile	Study and Analysis Of Fuel Injection System In IC Engine	Mr. Awadesh Kumar Singh	GD,PKK,MA	11.30 To 12.00 AM
11	2015028	ANAND KUMAR TYAGI	Automobile Engineering	Study and Analysis Of Fuel Injection System In IC Engine	Mr. Awadesh Kumar Singh		
12	2015119	KAMESH BARGOTI	Automobile Engineering	Study and Analysis Of Fuel Injection System In IC Engine	Mr. Awadesh Kumar Singh		
13	2015022	AMAN CHAUDHARY	Automobile engineering	Design, Analysis and Optimization of Chassis of Racing Cars	Mr. Awadesh Kumar Singh	GD,PKK,SA	12.00 To 12.30 PM
14	2015033	ANKIT KUMAR MEENA	Automobile	Design,Analysis and Optimization of Chassis of Automobile cars	Mr. Awadesh Kumar Singh		
15	2015115	JITENDRA KUMAR	Automobile	Design, Analysis and Optimization of Chassis of Racing Cars	Mr. Awadesh Kumar Singh		
16	2015247	SHUBHAM TIWARI	Reduction and Read Bump Excitation	Analysis of Bump Excitation and Increasing Driving Comfort / Automation of NVH Analysis alongwith solution to root cause techniques	Dr. Pavan Kumar Kankar	PT,MZA,SM	12.30 To 01.00 PM
17	2015016	AKSHAT PAL	Vibration Control	Vibration Control in Shock/Impact Condition	Dr. Pavan Kumar Kankar	PT,MZA,SM	01.00 To 01.30 PM
18	2015019	AKSHAY VIJAY	Vibration Control	Vibration control in Shock/Impact Condition	Dr. Pavan Kumar Kankar		
LUNCH 01.30 To 2.30 PM							
21	2015139	LUNSAVATH PRAVEEN NAIK	Vibrations	Vibration of Plates	Dr. Sujoy Mukharjee	PT,MZA,AKS	3.00 To 3.30 PM
22	2015226	SEEMALA VENKATA SATYA SAI VINAY	Vibrations	Vibration of Plates	Dr. Sujoy Mukharjee		
23	2015150	MOHAMMAD ABDUL AHAD	Aerospace & defence Design & Analysis	Optimising Design using Life Cycle Cost Analysis to Reduce Operation Costs	Dr. M Z Ansari	SA,AKS,HSN	3.30 To 4.00 PM
24	2015026	AMIT KUMAR	Design, Analysis and Optimization	Design Analysis, Modelling and Optimizatin of Piston FEA	Mr. Awadesh Kumar Singh	SA,SM,HSN	4.00 To 4.30 PM
25	2015077	DEEPAK KUMAR DHOLKHEDIYA	Design, Analysis and Optimization	Design analysis, modeling and optimization of Piston FEA.	Mr. Awadesh Kumar Singh		
26	2015225	SAURABH SINGH	Project Management	Manufacturing and Production	Dr. H. Chelladurai	SA,GD,HSN	4.30 To 5.00 PM
27	2015041	ANUJ TIWARI	Material Joining Process	Experimental Optimization of Friction STIR Welding Parameters using Bottomu approach and the Study of Weld Thinning Phenomenon on Butt Joining of AL2024-T351	Dr. H. Chelladurai	SA,GD,HSN	5.00 To 5.30 PM
20/11 2018							
28	2015053	ASHWANI KUMAR PAL	Nuclear Reactor	Nuclear Coupled Thermal-Hydraulic Modelling of Xenon-Oscillations	Dr. Goutam Dutta	AKS HSN MA	10.00 to 10.30AM

29	2015131	KRISHNA CHAITAN MARTHI	Nuclear Research	Thermal Hydraulics coupled xenon oscillations in Pressurized and Boiling water reactors (PWR & BWR)	Dr. Goutam Dutta	AKS,HSN,MA	10.00 To 10.30AM
30	2015190	PRINCE SINGH	Nuclear reactor	Analysis of fast transients in Nuclear region	Dr. Goutam Dutta	AKS,HSN,MA	10.30 to 11.00AM
31	2015195	RAGHVENDRA SINGH	Nuclear reactor	Analysis of fast transients in nuclear region	Dr. Goutam Dutta		
32	2015213	SACHIN KUMAR GUPTA	Wear calculation	Wear inside a piston cylinder assembly	Dr. H. Chelladurai	HS,AKS,MA	11.00 To 11.30 AM
33	2015094	GEETENDRA RAJ	Contdition Monitoring	Wear Simulation of an IC Engine Piston Cylinder Assembly	Dr. H. Chelladurai		
34	2015057	ATUL DHOLPURE	Condition Monitoring	Wear on piston and cylinder assembly	Dr. H. Chelladurai		
35	2015091	GAURAV MISHRA	condition monitoring	Condition monitoring of electronic components like SMPS, IGBT etc.	Dr. Pavan Kumar Kankar	PKJ,AKS,HSN	11.30 To 12.00 AM
36	2015107	HIMANSHU SHEKHAR	condition monitoring	Condition monitoring of electronic components like SMPS, IGBT etc.	Dr. Pavan Kumar Kankar		
37	2015072	CHEEPINAPI RAVIKIRAN	Tribology	Measurement of oil film thickness in roller bearings using ultrasound	Dr. M. Amarnath	PKJ,AKS,HSN	12.00 To 12.30 PM
38	2015262	TEKI TANAYKUMAR	Tribology	Measurement of oil film thickness in Roller Bearings using Ultrasound	Dr. M. Amarnath		
39	2015322	PALADUGU RAKESH	Tribology	Measurement of oil film thickness in Roller Bearings using Ultrasound	Dr. M. Amarnath		
40	2015172	PAKALAPATI JAGANNADHARAJU	Tribology	Enhancement in lubricating properties of vegetable oils	Dr. M. Amarnath	PKJ,AKS,HSN	12.30 To 01.00 PM
41	2015260	TAMARANA KARTHIK	Tribology	Enhancement in lubricating properties of vegetable oils	Dr. M. Amarnath		
42	2015266	VAKULABHARANAM AKHIL	Tribology	ENHANCEMENT IN LUBRICATING PROPERTIES OF VEGETABLE OILS	Dr. M. Amarnath		
43	2015296	AMAR MISHRA	CAGD	Regeneration and Modification of CAD surfaces using Geometric Modeling and CAD Programming Tools	Prof. Puneet Tondon	PKJ,AKS,HSN	1.00 To 01.30 PM
LUNCH 01.30 To 2.30 PM							
44	2015086	FAKIR MOHAN PATRA	Gear failure	Analysis of Crack propagation in gears	Dr. Pavan Kumar Kankar	VKG,SDP,MA	2.30 To 3.00 PM
45	2015218	SAMYAK JAIN	Gear Failure	Analysis of Crack propagation in gears	Dr. Pavan Kumar Kankar		
46	2015113	JALLA SAI GOWTHAM	Journal Bearings	Wear Bearing of Surface Fatigue wear in Journal Bearings	Dr. M. Amarnath	CD,HS,SPS	3.00 To 3.30 PM
47	2015125	KARATAM KRANTHIKAR	Journal Bearings	Wear Bearing of Surface Fatigue wear in Journal Bearings	Dr. M. Amarnath		
48	2015252	SOURABH CHASTA	Additive Manufacturing	Induction and Conduction Metal Melting	Dr. Prashant Kumar Jain	CD,HS,SPS	3.30 To 4.00 PM
49	2015111	ISHAN BANERJEE	Metal Additive Manufacturing	Design and Analysis of Lattice Structures	Dr. Prashant Kumar Jain	CD,HS,SPS	4.00 To 4.30 PM
50	2015285	YASH SONI	Additive Manufacturing : Studies on pallet based extrusion system	Development of Pellet based extruder for Anet A8 printer	Dr. Prashant Kumar Jain	CD,HS,SPS	4.30 To 5.00 PM
51	2015224	SATYENDRA PRATAP SINGH	Development of strain measurement techniques	Strain measurement using Digital Image Correlation	Prof. Vijay Kumar Gupta	CD,HS,SPS	5.00 To 5.30 PM
52	2015304	ARJUN SINGH JADOUN	Strain Measurement	Strain measurement Using Digital Image Correlation	Prof. Vijay Kumar Gupta		
22/11 2018							
53	2015310	CHETAN MAHAWAR	Sheet Metal work on CNC Amada, Punching & Bending	analysis of factors affecting springback	Dr. Prashant Kumar Jain	PKK,SDP,SPS	10.00 to 10.30AM
54	2015295	ADITYA DHAWAN	Computer Aided Design	DXF Comparison Windows Application	Dr. Prashant Kumar Jain	PKK,SDP,SPS	10.30 to 11.00AM
55	2015128	KONDETI RAKESH REDDY	Wind Tunnels	Designing a flexible nozzle for Wind Tunnels	Prof. Vijay Kumar Gupta	TS,HSN,MA	11.00 To 11.30 AM
56	2015146	MAYANK	Robotics	Dynamic Analysis of Biped Ribot	Prof. Vijay Kumar Gupta	PKK,SDP,PKJ	11.30 To 12.00 AM
57	2015317	KRISHNA KUMAR	Finite Element Analysis	Constitutive Modelling of Steel for Ballistic Impact	Prof. Vijay Kumar Gupta	PKK,SDP,PKJ	12.00 To 12.30 PM

58	2015151	MOHAMMAD ALMAS HASAN	Finite Element Analysis	Development of Material Model for Finite Element Analysis of Incremental Sheet Forming Process	Prof. Puneet Tondon	PKK,SDP,PKJ	12.30 To 01.00 PM
LUNCH 01.30 To 2.30 PM							
59	2015164	NAND KISHOR DAMBIWAL	Finite Element Analysis, Reliability Analysis, Composites	Finite Element method analysis of rectangular plate with circular Hole under axial loading	Dr. Shivdayal Patel	VKG,HS,PKJ	01.00 To 01.30 PM
60	2015200	RAJPAL CHANDIWAL	Finite Element Analysis	Finite Element Method Analysis of Rectangular Plate with Circular Hole under Axial loading	Dr. Shivdayal Patel		
61	2015227	SHAIENDRA KUMAR	Finite Element Analysis	Crashworthiness of Vehicle	Dr. Shivdayal Patel	SM,SPS, CD	3.00 To 3.30 PM
62	2015244	SHUBHAM KUMAR BHARGAV	FEA,Composite,Impact	Crashworthiness of Vehicle	Dr. Shivdayal Patel		
63	2015159	MUKESH KUMAR	FEA,Composite,Impact	Crashworthiness of Vehicle	Dr. Shivdayal Patel		
64	2015177	PAWAN VERMA	assembly line	Mixed model two sided assembly line balancing	Dr. Sunil Agrawal	SM,SPS, CD	3.30 To 4.00 PM
65	2015230	SHAMBHU DAYAL MEENA	supply chain	Analysis of Indian Agro Food Supply Chain	Dr. Saurabh Pratap Singh	SM,MA, CD	4.00 To 4.30 PM
66	2015306	ARPIT GUPTA	Supply Chain Managment	Supply Chain Network Design with Location Allocation	Dr. Sunil Agrawal		
67	2015063	BANAWATH SAISRIKAR	Operation Management	Warehouse Optimization	Dr. Sunil Agrawal	SM,MA, CD	4.30 To 5.00 PM
16	2015171	PADALA KRISHNA	Operations	Warehouse Management	Dr. Sunil Agrawal		
68	2015180	POTLAPALLI PRABHUKANTH	Operation research	Warehouse Management	Dr. Sunil Agrawal		
24-11-2018							
70	2015289	ANUBHUTI GUPTA	Healthcare Innovation	Ostomy Management	Prof. Puneet Tondon	VKG,TS,GD	10.00 to 10.30AM
71	2015059	AYUSH SRIVASTAVA	Manufacturing	Vibration Suppression in Manufacturing Processes Using Dynamic Vibration	Dr. Sujoy Mukharjee	VKG,TS,GD	10.30 to 11.00AM
19	2015055	ATHUL S THOMAS	Vibration	Vibration Suppression in Manufacturing Processes Using Dynamic Vibration	Dr. Sujoy Mukharjee		
20	2015338	SHIVAM SAMAIYA	Vibration	Vibration Suppression in Manufacturing Processes Using Dynamic Vibration	Dr. Sujoy Mukharjee		
72	2015084	DURGESH KUMAR PANDEY	Manufacturing	Design and Fabricate of Reciprocating Wear Test Setup	Dr. Harpreet Singh	VKG,TS,GD	11.00 To 11.30 AM
73	2015090	GAURAV KUMAR	Manufacturing Science and technology	Design and Fabricate of Reciprocating Wear Test Setup	Dr. Harpreet Singh		
74	2015237	SHIVASHISH DWIVEDI	Manufacturing Science and technology	Heat Transfer and Fluid Analysis of Phase Change Material	Dr. Harpreet Singh	VKG,TS,MZA	11.30 To 12.00 AM
75	2015108	HIMANSHU SOMANI	Manufacturing Science and technology	Design and Analysis of Injection Moulding Die	Dr. Harpreet Singh	VKG,TS,MZA	12.00 To 12.30 PM
76	2015290	AYUSH NAMDEO	Manufacturing Science and technology	Design and Analysis of Injection Molding Die	Dr. Harpreet Singh		
77	2015276	VISHAL AGRAWAL	Advanced Manufacturing Technology	Electrochemical Micromachining & Microtexturing	Dr. Prashant Kumar Jain	VKG,TS,MZA	12.30 To 01.00 PM
78	2015126	KATTAMURI ANIRUDH	Industrial and production manufacturing Engineering	Optimization of Industrial Macufacturing Process for Air Circuit Breakers	Dr. Himanshu Shekhar Nanda	VKG,TS,MZA	01.00 To 01.30 PM
LUNCH 01.30 To 2.30 PM							
79	2015172	PAKALAPATI JAGANNADHARAJU	Tribology	Enhancement in lubricating properties of vegetable oils	Dr. M. Amarnath	SA,SM,SPS	2.30 To 3.00 PM
80	2015186	PRASHAM PRABHAKAR	Manufacturing and Operational Analysis	Operational Study of Manufacturing operation and Assembly process of 450D type vehicle	Dr. Asish K. Kundu	MA,HS,SPS	3.00 To 3.30 PM
81	2015232	SHEKHAR TANDEL	Thermal and Fluid Science	Mathematical Modelling of Multi-layer Selective Laser Melting based Additive Manufacturing Process using Open FOAM	Prof. Puneet Tondon	SA,GD,HSN	4.00 To 4.30 PM
82	2015278	VISHAL GARG	Nuclear Research	Advance heat transfer	Dr. Goutam Dutta	SA,SM,HSN	4.30 To 5.00 PM