# **Minutes Mechanical Department Faculty Meeting**

Meeting attended by:	ADMINISTRATOR : Dr Pankaj K PorwalCOORDINATOR: Lokesh MalviyaFACULTY: Shambhu P Choubisa, Himanshu Pandya, AbhishekSharma, Narendra S CharanSTUDENTSSTUDENTS:					
	Not	ne				
Date:	Jun	e 22, 202	0			
Time:	10:	00 am-11	:00am			
Agenda Topic#1: St 2020-21(July-Dec)	ıbject	: distribu	ition for the acad	lemic year of	Deadlines	
Note: Based on facul	lties' i	nterest a	nd their expertise,	subjects and labs		
have been assigned to	o all fa	aculties.				
Action Items:						
III Sem			V Sem	VII Sem		
AEM-I: Dr Payal J	ain	MS:Hin	nanshu Pandya	IC Engine		
TC: Hitkaran Singh		HT:Sha	mbhu Choubisa	OR		
EM: Bharat Suthar		MT:Ab	hishek Sharma	Turbomachine		
ET: Shambhu Chou	hisa	DME-I	LokeshMalviva	Open Elective		
MSE:Lokesh Malvi	va	$P_0M \cdot N$	arendra Vharan	open Elective		
MOS: Abbisbek Sha	rma	Flactive	Subject			
A gondo Tonio#2: El		Subject	t Choicea			
Agenua Topic#2: El	Agenda Topic#2: Elective Subject Choices					
Note: v Sem & VII S	sem s	students a	tre asked to submi	it their choices		
V Sem	V Sem VII Sem					
Steam Engg	Steam Engg IC Engine					
Automobile	ave to	choose	Operation	Have to choose		
Engineering	iv one	of them	Research			
NDE &	.,		Turbomachine		June 29,2020	
Testing						
			Open Elective-	Students can		
			Ι	choose any 1		
				subject out of		
				24 subjects		
Action Items: List o	f elect	ive subie	ects has shared wi	th the students via		
Email & WhatsApp	proup.	Google	spreadsheets have	e been created to		
take their responses.	5- op.	000810				
Agenda Topic#3: Ti	me T	able				
Note: Coordinator is asked to prepare time tables.					June 30,2020	
Action Items: Classes must commences from July 1, 2020						
Agenda Topic#4: Course File & Lab Files						
Note: Faculties are asked to prepare course and lab files					June 30,2020	
Action Item: Faculties are asked to get ready their course files which						
includes following						
• Syllabus						
• Past 3 to 4 year's RTU papers and their solutions						
• Lecture plan						
<ul> <li>Class dalivarias (notas ata.)</li> </ul>						
	105 (11	ous eu.)				
<ul> <li>Assignments</li> </ul>			- <b>C</b> (	) <b>1 1</b> - ( <b>'</b>		
• Wild semester with marking	r exan g sche	n paper () me	aner exam 18 over	) and solutions		
• Sample of best student answer book (photocopy)						

• Conv of results of mid semester evens	
• Copy of results of find semester exams	
<ul> <li>Schedule and details of remedial and make up classes held for weaker students.</li> </ul>	
<ul> <li>Details of afforts to anhance practical knowledge of students</li> </ul>	
• Details of efforts to enhance practical knowledge of students beyond RTU syllabus which is important from industry and	
ioh point of view	
<ul> <li>Any other relevant material</li> </ul>	
<ul> <li>Analysis of course and comments/suggestions for</li> </ul>	
improvement of course content/delivery.	
Lab File:	
Svllabus	
Copies of Lab Manual	
<ul> <li>Notes regarding theoretical concepts involved for</li> </ul>	
<ul> <li>conducting the lab</li> </ul>	
<ul> <li>20-30 Viva questions of each experiment</li> </ul>	
<ul> <li>The viva questions should test the students on</li> </ul>	
<ul> <li>Importance of experiments</li> </ul>	
Details of equipment	
<ul> <li>Important points in procedure</li> </ul>	
<ul> <li>Important points in procedure</li> <li>Important points in observation and analysis</li> </ul>	
Important point in observation and analysis     Drastical importance of regults obtained from the	
Practical importance of results obtained from the     avnoriments	
experiments	
Practical score sneet	
Agenda Topic#5: Additional Competencies- Auto CAD	
<b>Note:</b> To fulfill the industrial need and expectancy from a Mechanical	
skills. Auto CAD becomes an assential tool to introduce in the	
beginning of their engineering journey	
Action Item: Auto CAD has introduced at the beginning of	
Engineering journey and included in time table of I Sem & II Sem	
students.	
Additional Competencies- Solidworks	
Note: Mutually agreed to start Solidworks classes for III Sem students	
to give them exposures on 3-D Modeling, Assembly with Motion	
Analysis.	
Additional Competencies- Quantitative Aptitude & Verbal Ability	
Note: To enhance communications skills and aptitude skills, the	
classes for QA & VA has proposed via e-learning platform.	
Action Item: Abhishek Sharma and Hitkaran Singh, will start the	
classes along with regular time table.	

Meeting Closed: 10:56am.

# **Minutes Mechanical Department Faculty Meeting**

Mee	ting	attended by:	ADMINISTRATOR: Dr Pankaj K PorwalCOORDINATOR: Lokesh MalviyaFACULTY: Shambhu P Choubisa, Himanshu Pandya, Jitendra JangidAbhishek Sharma, Narendra S CharanSTUDENTS						
Abc	nt.		Nor						
Dote	· ·		Apr	ie il 15, 2020					
Tim			11.0	1113,2020					
	r. ndo	Topic#1. Syll	lohu	Completion Status	с <b>л</b>	f for IV VI & VIII		Deadlines	
Age	nua	ropic#1. Syl	labus	s completion status	5 0	101 1V, VI & VIII		Deaumes	
Sem N.4		<b>15</b>	1	(( . 1 (1		1	_		
Note: Faculties have submitted their course files along with course									
com	piet	ion status as pe	er ioi	lowing table-					
Acti	on I	tems: IV Sen	<u> </u>			<u>a</u>			
<u>S</u>	N	Name of Subje	ect	Name of Faculty		Course status		Remarks	
	1 MP			Himanshu Pandya		4 units completed		Requires 10 lectures	
2		FM		Abhishek Sharma		3.5 units completed		Requires 17 lectures	
3		TOM		Jitendra Jangid		3.5 units completed		Requires 18 lectures	
4		DA		Dr Jitendra Shrimali	l	4 units completed		Requires 10 lectures	
5		DE		Dr Nitin Kothari		3.5 units completed		Requires 12 lectures	
6		MEFA		Shambhu Choubisa		4 units completed		Requires 5 lectures	
7		DE LAB		Dr Nitin Kothari		6 practicals completed		Requires 4 Lab sessio	n
8	8 FM LAB		Abhishek Sharma		5 practicals completed		Requires 5 Lab sessio	n	
9 PP LAB Rajendra singh 4 practicals completed Requires 6 Lab session					n				
VI Sem							_		
	SN	Name of Subj	ect	Name of Faculty	<u> </u>	Course status	_	Remarks	
	L	VE		Lokesh Malviya	4	units completed	R	equires 6 lectures	
2 CIM			Lokesh Malviya 4		.5 units completed	R	equires 4 lectures		
3 RAC		Abhishek Sharma	4	units completed	R	equires 10 lectures			
4 DME-II		Shambhu Choubisa	3	3.5 units completed	R	equires 12 lectures			
1	5	QM		Narendra Charan 4		units completed R		equires 5 lectures	
(	6	MM		Jitendra Jangid 3		5 units completed R		equires 15 lectures	
7	7	VELAB		Lokesh Malviya	5	Practicals completed	R	equires 5 Lab session	
8	\$			Jitendra Jangid	4	Practicals completed	R	equires 6 Lab session	
9	)	CIM Lab		Rajendra lohar	4	Practicals completed	R	equires 6 Lab session	
VIII	l Sei	m		-			_		
	SI	N Name of		Name of Faculty		Course status		Remarks	
	1	Subject				4 . 1.		D 1101 (	
	1	PG		Himanshu Pandya		4 unit complete		Required 10 lectures	
	2			Lokesh Malviya		complete	_		
	3			Nateriora Charan		4.5 unit complete		NIL Dequired 4 lectures	
	4		Shambhu Choubisa		4.5 unit complete		Required 4 lectures		
	5		Rajendra Lohar		/ Practical complete		Required 3 Lab		
	7			Shambhu Chaubica		o riacucal complete	+	NII	
7 IE-II Lab (SPC) Shambhu Choubisa Lab Complete						INIL			
Agenda Topic#2: Additional Competencies: GATE Exam prep									
Note	Note: To increase the technical core competencies among the students,								
discussions being made to start technical classes of GATE exam									
standards and prepare selected students for GATE Exam. Which also					1				
help	helps them to crack core technical placement papers, various UPSC								
and	RPS	C exam prepa	ratio	n etc.					
Action Items:									

nyuraulics					
Design Engineering Shambhu P Choubisa					
Thermal Engineering Himanshu Pandya					
Statics & Dynamics Analysis of					
Mechanisms, Quantitative Aptitude Abhishek Sharma					
Production & Industrial Engineering Narendra S charan					
Agenda Topic#3: Remedial Classes for Weaker & backlog					
appearing students					
Note: Following weaker students have been identified based on their					
attendance and midterm performance. Also, backlog appearing					
students have been identified, remedial classes will be scheduled.					
1. Ayush jain					
2. Adil Khan					
3. Akshansh Bharadwaj					
4. Atul choudhary					
5. Chetan vaishnav					
6. Deepak malav					
7. Krishnapal Singh 4 <sup>th</sup> year students					
8. Love Bhati					
9. Moiz larji					
10. Surva Prakash AJ					
11. Yasin malik					
1. Asif ali					
2. Gurpreet Singh 3 <sup>rd</sup> year students					
3. Vikash Patidar					
1. Mohit damor					
2. Harshvardhan dodiya					
3. Gauray Sen					
4. Jayesh lakhara 2 <sup>nd</sup> year students					
5. Supratim mukharjee					
Action Items: Faculties are instructed to teach them important					
concepts and get these students ready for university examinations by					
solving previous vears question papers at least. Remedial classes					
schedule will be prepared and displayed shortly.					
Agenda Topic#5: Summer Training					
We have identified following areas, where students can foster their					
knowledge and get them ready for Industrial exposure and upcoming					
placement opportunities.					
1. CNC programming training					
2. Solid-works training					
3. Basic industrial Concept					
4. FEM using Ansys 14.0					
5. Ouantitate Aptitude & Verbal Ability					
Action Item: Summer Training Program will be launched, once					
university exams gets over, meanwhile concern faculties can develop					
and prepare the contents of training program accordingly.					

Meeting Closed: 11:25am.

# **Minutes Mechanical Department Faculty Meeting**

Meeting attended by:	ADMINISTRATOR: Dr Pankaj K Porwal							
	COORDINATOR : Lokesh Malviya							
	<b>FACULTY</b> : Shambhu P Choubisa, Himanshu Pandya, Jitendra Jangid Abbishek Sharma Narendra S Charan							
	STUDE	STUDENTS :						
Absent:	None							
Date:	Dec 23,	2019						
Time:	<b>Sime:</b> 01:30 pm-02:30pm							
Agenda Topic#1: Subject distribution for the academic year of Deadlines								
2019-20(Jan-Jun)								
Note: Based on faculties' interest and their expertise, subjects and labs								
have been assigned to	all facult	ies.	•					
Action Items:								
IV Sem		VI Sem			VIII Sem			
MP: Himanshu Pandya		CIM: Lokesh Malviy	'a	CIM: Lo	kesh Malviya			
FM: Abhishek Sharma		RAC: Abhishek Shar	ma	PG: Him	anshu Pandya			
TOM: Jitendra Jangid		VE: Lokesh Malviya		LE: Shar	nbhu P Choubia			
DA: Dr Jitendra Shrima	ali	DME-II: Shambhu P	Choubisa	TQM: N	arendra S Charan			
DE: Dr Nitin Kothari		MM: Jitendra Jangid						
MEFA: Shambhu P Ch	oubisa	QM: Narendra S Cha	iran					
Agenda Topic#2: Elective Subject Choices								
Note: VI Sem Student	s are aske	ed to submit their Ele	ective choic	e				
	V Sem							
RAC		boose any of one			Jan 2,2020			
NCMM	C	thom						
MEMS & Microsyste	MEMS & Microsystems							
Action Items: List of	elective s	subjects has shared w	vith the stud	ents via				
Email & WhatsApp gr	oup. Goo	gle spreadsheets hav	ve been crea	ited to				
take their responses.								
Agenda Topic#3: Tin	ne Table							
Note: Coordinator is a	sked to p	repare time tables.			Jan 4,2020			
Action Items: Classes	must con	mmence from Jan 6,	2020					
Agenda Topic#4: Cou	urse File	& Lab Files						
Note: Faculties are ask	ked to pre	epare course and lab	files		Jan 4,2020			
Action Item: Faculties	s are aske	ed to get ready their o	course files	which				
includes following	includes following							
• Syllabus								
• Past 3 to 4 year's RTU papers and their solutions								
• Lecture plan								
• Class deliveries (notes etc.)								
Assignments								
<ul> <li>Mid semester exam paper (after exam is over) and solutions</li> </ul>								
with marking scheme								
Sample of best	<ul> <li>Sample of best student answer book (photocopy)</li> </ul>							
<ul> <li>Conv of result</li> </ul>	<ul> <li>Sample of best student answer book (photocopy)</li> <li>Copy of results of mid semestor avams</li> </ul>							
<ul> <li>Schedule and</li> </ul>	detaile of	remedial and makes	un classos h	eld for				
weaker studen	ts		up classes l					
• Details of efforts to enhance practical knowledge of students								

beyond RTU syllabus which is important from industry and	
job point of view.	
• Any other relevant material	
• Analysis of course and comments/suggestions for	
improvement of course content/delivery.	
Lab File:	
• Syllabus	
Copies of Lab Manual	
<ul> <li>Notes regarding theoretical concepts involved for</li> </ul>	
<ul> <li>conducting the lab</li> </ul>	
<ul> <li>20-30 Viva questions of each experiment</li> </ul>	
<ul> <li>The viva questions should test the students on</li> </ul>	
Importance of experiments	
Details of equipment	
Important points in procedure	
<ul> <li>Important point in observation and analysis</li> </ul>	
<ul> <li>Practical importance of results obtained from the</li> </ul>	
experiments	
Practical score sheet	
Agenda Topic#5: Additional Competencies- PLC & SCADA	
Note: With more and more electronics getting married with	
Mechanical equipments both with evolution of automation and high	
precision requirements, Mechanical Engineer cannot ignore the	
courses like PLC. Hence it is decided to allow students to get	
involved to learn Automation.	
Action Item: Training is scheduled for II & III Year students in	
association with Mecstech Education and Research Center Pvt	
Ltd, Ajmer.	

Meeting Closed: 11:05am.

# **Minutes Mechanical Department Faculty Meeting**

Meeting attended	by: ADMINIST COORDINA FACULTY Sharma, Nar STUDENTS	ADMINISTRATOR: Dr Pankaj K PorwalCOORDINATOR: Lokesh MalviyaFACULTY: Shambhu P Choubisa, Himanshu Pandya, AbhishekSharma, Narendra S Charan:STUDENTS:				
	None					
Date:	June 20,2019	)				
Agondo Tonio#1	• Subject distribut	tion for th	a agad	omio voor of	Deadlines	
2010_20( July_Do			le acau	enne year or	Deaumies	
Note: Based on f	O aculties' interest a	nd their ev	ortico	subjects and labs		
have been assigned	ad to all faculties	nu inch caj	Jertise,	subjects and labs		
Action Items:	to an faculties.					
III Sem	V Sem	1		VII Sem	1	
AFM-I: Dr	MS·Yogendra si	noh	FFM	litendra Iangid	-	
Paval Jain	ivis. i ogenara si	11.511	I LIVI	sitellara sungla		
TC: Hitkaran	HT:Shambhu Ch	noubisa	OR: S	Shambhu		
Singh			chout	oisa		
EM: Bharat	MT:Abhishek Sl	narma	Turbo	omachine:	1	
Suthar			Hima	nshu Pandya		
ET: Shambhu	DME-I: Lokesh	Malviya	OM:	-		
Choubisa	Narendra s charan					
MSE:Jitendra	PoM; Lokesh M	I; Lokesh Malviya RAC:				
jangid		Abhishek Sharma		shek Sharma		
MOS:Abhishe	Elective Subject	tive Subject Elective Subject		ive Subject		
k Sharma						
Agenda Topic#2	: Elective Subject	t Choices				
Note: V Sem & V	/II Sem Students a	are asked to	submi	t their choices		
V S	Sem		VII	Sem		
Steam Engg		CNC				
Automobile		Robotics				
Engineering	Have to choose			Have to choose	June 24,2019	
	any one of them	OM		any one of them		
NDE &	- ,	Micro and	1	- ,		
Testing		Macro				
	1	Manufact	uring	1 4 1' '		
Action Items: stu	idents submitted o	wn respons	ses thro	ough Application.		
Agenda Topic#3: Time Table						
Note: Coordinator is asked to prepare time tables.				June 30,2019		
Action Items: Classes must commences from July 1, 2019						
Agenda Topic#4: Course File & Lab Files						
Note: Faculties are asked to prepare course and lab files				June 30,2019		
Action Item: Faculties are asked to get ready their course files which						
includes following						
• Syllabus						
• Past 3 to 4 year's RTU papers and their solutions						
• Lecture plan						
Class deli	• Class deliveries (notes etc.)					
Assignme	ents					
Mid seme with marl						

• Sample of best student answer book (photocopy)	
• Copy of results of mid semester exams	
• Schedule and details of remedial and make up classes held for	
weaker students	
• Details of efforts to enhance practical knowledge of students	
beyond RTU syllabus which is important from industry and	
job point of view.	
Any other relevant material	
<ul> <li>Analysis of course and comments/suggestions for</li> </ul>	
improvement of course content/delivery.	
Lab File:	
• Syllabus	
Copies of Lab Manual	
<ul> <li>Notes regarding theoretical concepts involved for</li> </ul>	
<ul> <li>conducting the lab</li> </ul>	
20-30 Viva questions of each experiment	
• The viva questions should test the students on	
Importance of experiments	
Details of equipment	
Important points in procedure	
<ul> <li>Important point in observation and analysis</li> </ul>	
<ul> <li>Practical importance of results obtained from the</li> </ul>	
experiments	
Practical score sheet	
Additional Competencies- Solidworks	
Note: Mutually agreed to start Solid works classes for III Sem students	
to give them exposures on 3-D Modeling, Assembly with Motion	
Analysis.	
Additional Competencies- Quantitative Aptitude & Verbal Ability	
Note: To enhance communications skills and aptitude skills, the	
classes for QA & VA has proposed via e-learning platform.	
Action Item: Mr. Priyank and Mr. Hitkaran Singh, will start the	
classes along with regular time table.	

Meeting Closed: 11:10 AM.

# **Minutes Mechanical Department Faculty Meeting**

Μ	leeting	eeting attended by: ADMINISTRATOR: Dr Pankaj K Porwal							
			FAC		nan	nbhu P Choubisa Hima	ang	shu Pandya Titendra Jang	id
			Abb	ishek Sharma Narend	lra	S Charan	ans	shu i anaya, shenara sang	iu
			STU	UDENTS :	inu	5 Churun			
A	Absent: None								
Da	ate:		Nov	vember 7, 2019					
Ti	me:		02:3	30 pm-03:30pm					
A	Agenda Topic#1: Syllabus Completion Status of for III, V & VII Deadlines								
Se	emest	ters							
N	Note: Faculties have submitted their course files along with course								
сс	omple	tion status as p	er fol	lowing table-					
A	ction	Items: III Sen	1						
	SN	Name of Subj	ect	Name of Faculty		Course status		Remarks	
	1	AEM		Dr Payal Jain		3.75 Units completed			
	2	TC		Hitkaran S Ranawat		4.5 Units completed			
	3	EM		Bharat Suthar		4 Units completed			
-	4	MSE		Jitendra Jangid		3.5 Units completed			
-	5	ET		Shambhu Choubisa		3.5 Units completed			
-	6	MOS		Abhishek Sharma		3.5 Units completed			
-	7	MST Lab		Abhishek Sharma		6 practicals completed	d	4 practicals pending	
-	8	MATLab		Abhishek Sharma		/ practicals completed		3 practicals pending	
-	<u>9</u>	BME Lab	3ME Lab Himanshu Pandya			6 practicals completed		4 practicals pending	
N7	10 MED Lab Narendra Charan 3 Sheets completed 2 sheets remaining								
v	Sem	Name of Carl	4	N	T	Commente de terre	1	D	7
	SIN 1	Name of Subj	ect	Name of Faculty	6	Course status	т	Remarks	_
	1	IVIS		i ogenura Solaliki	2	synabus completed	1	discussion pending	
	2	НТ		Shambhu Choubisa	Δ	75 Units completed	-	3 Lectures required	-
	3	3 MT		Abhishek Sharma	Syllabus completed		F	RTU paper discussion	
						ginabus completed	r	bending	
	4	DME-I		Lokesh Malviya	S	yllabus completed	H	Revision & RTU paper	
						Ċ	discussion pending		
	5	PoM		Lokesh Malviya	S	Syllabus completed			
	6	AE		Narendra S Charan	S	yllabus completed	F	RTU paper discussion	
							I	pending	
	7	HT Lab		Shambhu Choubisa	С	ompleted			_
	8	MT Lab		Yogendra Solanki	С	completed			_
• 7	<u>9</u>	PE Lab		Rajendra chouhan	С	ompleted			
V.	VII Sem								
	S N	Name of Subje	ct	Name of Faculty	•	Jourse status	к	lemarks	
	1 1	FFM		litandra Jangid		Syllabus completed			_
	2	OR		Shambhu Choubisa		Syllabus completed	R	TII paper discussion	_
	-	OR		Shamona Chouoisa		syndous completed	ne	ending	
	3	ТМ		Himanshu Pandya	5	Syllabus completed	R	evision & RTU paper	
	-			,		· · · · · · · · · · · · · · · · · · ·	di	iscussion pending	
	4	ОМ		Narendra S Charan	S	Syllabus completed			
	5	RAC		Abhishek Sharma	S	Syllabus completed			
	6	CNC		Lokesh Malviya	S	Syllabus completed			
	7	FEM Lab (Ansy	vs)	Jitendra Jangid	S	Syllabus completed			
	8	TE-II Lab		Himanshu Pandya	5	Syllabus completed			
A	gend	a Topic#2: Rei	nedi	al Classes for Weak	ker	· & backlog			
ap	opear	ring students							

Note: Following weaker students have been identified based on their attendance and midterm performance. Also, backlog appearing					
students have been identified, remed	dial classes will be scheduled.				
<ul> <li>Ayush jain</li> <li>Adil Khan</li> <li>Akshansh Bharadwaj</li> <li>Atul shoudharay</li> </ul>					
<ul> <li>Chetan vaishnav</li> <li>Deepak malav</li> <li>Krishnapal Singh</li> <li>Love Bhati</li> </ul>	4 <sup>th</sup> year students				
<ul><li>Surya Prakash AJ</li><li>Yasin malik</li></ul>					
<ul> <li>Asif ali</li> <li>Bharat Meghwal</li> <li>Himanshu Manoti</li> <li>Gurpreet Singh</li> <li>Vikash Patidar</li> </ul>	3 <sup>rd</sup> year students				
<ul> <li>Mohit damor</li> <li>Harshvardhan dodiya</li> <li>Gaurav Sen</li> <li>Jayesh lakhara</li> <li>Prince Rewal</li> <li>Sumatim mukhaniaa</li> </ul>	2 <sup>nd</sup> year students				
Supratim mukharjee Action Items: Faculties are instructed to teach them important concepts and get these students ready for university examinations by solving previous years question papers at least. Remedial classes					
Agenda Topic#3: Summer Traini We have identified following areas, knowledge and get them ready for I	schedule will be prepared and displayed shortly. Agenda Topic#3: Summer Training We have identified following areas, where students can foster their knowledge and get them ready for Industrial exposure and uncoming				
<ul> <li>placement opportunities.</li> <li>CNC programming training</li> <li>Solid works training</li> </ul>					
<ul> <li>FEM using Ansys 14.0</li> <li>Quantitate Aptitude &amp; Ver</li> </ul>	bal Ability				
Action Item: Summer Training Program will be launched, once university exams gets over, meanwhile concern faculties can develop and prepare the contents of training program accordingly.					
Agenda Topic#4: Practical exam Preparation					
Action Item: Instructions are provided to all the faculty members, taking Lab to start preparing for the practical examinations. The time table will be released shortly.					
1. Question papers for practical examination 2. MCQ questions					
<ul><li>3. Viva Questions</li><li>4. Checking all the apparatus and ensuring their fine working</li></ul>					

Meeting Closed: 03:15pm

## Techno India NJR Institute of Technology, Udaipur (Raj.)

#### Mechanical Engineering department

Date: Dec. 22, 2018

Minutes of Meeting (Faculty) <u>Academic Year (2018-2019)(January to June)</u>

 Meeting attended by:
 ADMINISTRATOR : Dr Pankaj K Porwal

 COORDINATOR
 : Mr. Lokesh Malviya

 FACULTY
 : Mr. Ashish Rakhecha, Mr. Sunil Bhatt, Mr.Vishnu Agarwal, Dr. Jitendra Shrimali

 Mr. Himanshu Pandya, Mr.Shambhu Prasad, Mr. Abhishek Sharma

#### **<u>Discussion 1</u>** : To distribute the subjects and labs among the faculty members.

<u>Action taken</u> : Subjects and labs are assigned to faculty members as per their expertise and interest, details of subject assigned is as below.

Catagory		IV Semester		VI Semester	VIII Semester		
Category	Subject	Faculty	Subject	Faculty	Subject	Faculty	
	ТОМ	Mr. Abhishek Sharma	DME-II	Mr. Vishnu Agarwal	CIM	Mr. Lokesh Malviya	
	FM	Mr. Ashish Rakhecha	SE	Mr. Shambhu Prasad	LOE	Mr. Sunil Bhatt	
Theory	DE	Mr. Yashwant Soni	NMM	Mr. Himanshu Pandya (HP)	PG	Mr. Vishnu Agarwal	
subjects	DA	Dr. Jitendra Shrimali	VE	Mr. Lokesh Malviya	TQM	Mr.Ashish Rakhecha	
	MP	Mr. Himanshu Pandya	MT	Mr. Yashwant Soni & HP			
	MEFA	Mr. Shambhu Prasad	MM	Mr. Sunil Bhatt			
	TOM Lab	Mr. Abhishek Sharma	MDS-II	Mr. Vishnu Agarwal	CAD Lab	Mr.Ashish Rakhecha	
Taha	FM Lab	Mr. Ashish Rakhecha	MT Lab	Mr. Yashwant Soni	CAM Lab	Mr. Rajendra Lohar	
Labs	PP Lab	Mr. Himanshu Pandya	IE Lab	Mr. Shambhu Prasad	IE-II	Mr. Sunil Bhatt	
	DE Lab	Mr. Yashwant Soni	Vib Lab	Mr. Lokesh Malviya			

#### Discussion 2: To commence the classes as per above subject and lab distribution.

Task assigned	Responsible	Target date
Time Table preparation		Dec. 28,2018
Freezing and sharing time table with students	Mr. Lokesh Malviya	Dec. 29,2018
Commencement of classes as per time table		Jan. 01,2019

### Discussion 3: Preparing Course File & Lab Files (by respective Faculty members by Dec. 31,2018)

In the academic setup, a course file is essentially a document that includes all the necessary details regarding the batch, assessment, and overall outcomes of the course.

In meeting it is decided that all the faculty members should maintain a Course file (for Theory subjects) and Lab file (for practical Lab subjects). *The course file and lab file must include below documents:* 

<u>Sr.</u> <u>no.</u>	Course file must include	Lab File must include
1	Syllabus	Syllabus
2	Lecture plan (In a column target date or date of teaching can be included)	Notes regarding theoretical concepts involved for Conducting lab
3	Notes	Lab Manual
4	Assignments	20-30 Viva questions of each experiment
5	Mid Term question paper and solution with marking scheme	Practical importance of results obtained from the experiments
6	List of Marks obtained by students in midterm exams	Practical score sheet
7	List of important questions, provided to students	
8	Solution of last year RTU question paper, at-least 3	
9	Any other relevant material	
10	Suggestion from students and faculty for improving course content	
11	Schedule and details of remedial classes held for weaker students	

Time: 02:00 pm-03:00pm

### Discussion 4: Additional courses or curriculum activities

Inputs were provided by faculty team in meeting regarding the requirement of making students ready for industry by introducing some additional courses or curriculum activities other than RTU specified syllabus.

Special emphasis is made on criteria for selecting courses, it was mutually agreed on below points:

- 1. Course should be of current importance (Ex. Robotics)
- 2. Consider career opportunities (Ex. Designing)
- 3. Help students in building concepts and cracking interviews.
- 4. Course content must be interactive and should not be boring.

Training can be conducted, two per semester after semester examinations.

## 1. <u>Basic Industrial concepts(For VIII Sem students):</u>

Industry Knowledge Conferences are a brilliant opportunity to learn more about your sector and tap into the knowledge of industry experts. From learning new topics, to practical and strategic solutions to take away with you, conferences deliver a vast array of useful information in a short space of time. Seminars provide the perfect platform to meet people face-to-face, exchange details and chat about how you might work together in the future. Identifying new market opportunities, you can learn how other businesses operate and tackle industry-specific challenges. Seminars and workshops are also great for generating new ideas or finding fresh perspectives on old ways of working.

So, Seminars can be conducted for topics like JIT, GD&T, FMEA, Control Plan, PPAP etc.

Task assigned	Responsible	Target date
To Design course/content/syllabus.	Mr. Lokesh Malviya	
Checking and approving the detailed syllabus	Mr. Lokesh Malviya	Dec. 2018
Conducting training classes	Classes will be conducted as per the tim	e table w.e.f. Jan. 01,2019

**Discussion 5:** After completion of 6<sup>th</sup> Sem, students have to undergo 45 days of industrial training. So, its duty of faculty members to guide them regarding different domains/industry, which will help students to choose field of their interest. It should be regularly monitored by department coordinator

Task assigned	Responsible
To plan for the guidance lecture, in which faculty members can interact with students regarding importance of industrial training, and help them to choose specific domain for training.	Mr. Lokesh Malviya
To identify good industries and confirming that the training is genuine (can take feedback from seniors)	Students and Faculty members

<u>Note:</u> Please ensure that organization selected for training are providing genuine training to students, as it plays a vital role in developing their interest in engineering field. It should not be just for sake of a certificate.

## *Discussion 6:* To plan industrial visit for 4<sup>th</sup> year students.

One day Industrial visit should be plan for the organization such as Mold Makers, secure meter, Mahi dam power generation plant etc. This will help students to have a close look to working and lead to good industrial exposure.

Task assigned	Responsible
To identify the organization for industrial visit	Mr. Lokesh Malviya and Mr. Shambhu Prasad

## Techno India NJR Institute of Technology, Udaipur (Raj.)

## Mechanical Engineering department

Date: April 06, 2019

## Minutes of Meeting (Faculty)

Time: 10:00 am-11:00am

Academic Year (2018-2019)(January to June)

Meeting attended by:	ADMINISTRATOR : Dr Pankaj K Porwal	
	COORDINATOR	: Mr. Lokesh Malviya
	<b>FACULTY</b> : Mr. Ashish Rakhecha, Mr. Sunil Bhatt, Mr. Vishnu Agarwal, Mr. Abhishek	
		Mr. Himanshu Pandya, Mr. Rahul Ojha, Mr.Shambhu Prasad

#### Discussion 1: Syllabus Completion Status of for IV, VI & VIII Semesters

IV Semester						
Subject	Faculty	Course status	Remarks			
ТОМ	Mr. Abhishek Sharma	3.5 Units completed				
FM	Mr. Ashish Rakhecha	3.5 units completed				
DE	Mr. Yashwant Soni	3.75 Units completed				
DA	Dr. Jitendra Shrimali	4 Units completed				
MP	Mr. Himanshu Pandya	3.75 Units completed				
MEFA	Mr. Shambhu Prasad	4 units completed				
TOM Lab	Mr. Abhishek Sharma	5 practical pending				
FM Lab	Mr. Ashish Rakhecha	4 practical completed				
PP Lab	Mr. Himanshu Pandya	3 practical completed				
DE Lab	Mr. Yashwant Soni	4 practical pending				
		VI Semester				
Subject	Faculty	Course status	Remarks			
DME-II	Mr. Vishnu Agarwal	Completed	RTU paper discussion pending			
SE	Mr. Shambhu Prasad	Half unit remaining				
NMM	Mr. Himanshu Pandya (HP)	1 topic remaining	2 lectures req.			
VE	Mr. Lokesh Malviya	Completed				
MT	Mr. Yashwant Soni & HP	Last topic	Numerical discussion pending			
MM	Mr. Sunil Bhatt	Completed				
MDS-II	Mr. Vishnu Agarwal	Completed				
MT Lab	Mr. Yashwant Soni	Last practical pending	File submission by students pending			
IE Lab	Mr. Shambhu Prasad	Completed	File submission by students pending			
Vib Lab	Mr. Lokesh Malviya	Completed				
		VIII Semester				
Subject	Faculty	Course status	Remarks			
CIM	Mr. Lokesh Malviya	Numerical practice pending				
LOE	Mr. Sunil Bhatt	2 Programs remaining				
PG	Mr. Vishnu Agarwal	Completed				
TQM	Mr.Ashish Rakhecha	Half unit remaining				
CAD Lab	Mr.Ashish Rakhecha	4 practical pending	File submission by students pending			
CAM Lab	Mr. Rajendra Lohar	Completed	File submission by students pending			
IE-II	Mr. Sunil Bhatt	Completed				

*Discussion 2:* To ensure that all students(VI SEM) are undergoing industrial training.

Please make an excel sheet (by faculty coordinator) for the same and submit in to Mr. Lokesh Malviya. Include Student name, organization, department, training start date, permission letter status etc. in the excel sheet.

Task assigned	Responsible	Target date
Identify imp. Questions from each subject	Subject faculty	15-20 April 2019
Discussing solution with students	Subject faculty	15-20 April 2019

#### **Discussion 3:** Remedial classes for weak and Backlog appearing students.

### Time for the classes will be finalized and shared by Mr. Lokesh Malviya.

Weak students are identified using following criteria:

- 1. Those who scored low marks in  $1^{st}$  and  $2^{nd}$  mid term examinations.
- 2. Those who had low attendance % in class.

Sr no	Students names identified for Remedial classes				
511101	IV Sem VI Sem		VIII Sem		
1	Asif Ali	Akshansh Bhardwaj	Aneesh Makwana		
2	Bharat Meghwal	Chandra Shekhar Menariya	Divy Bhanawat		
3	Kuldeep S Chundawat Deepak Malav		Fateh S Rathore		
4	Pankaj Gautam	Krishnapal S Sarangdevot	Prince Kr Mishra		
5	Vikas Patidar	Love Bhati	Ranveer S Chundawat		
6		Mrityunjay S Makwana	Shurveer Singh Dodiya		
7		Rahul Sharma	Surendra Dangi		
8		Shubham Ushania	Vairaj Singh Shekhawat		
9	Surya Prakash AJ		Piyush Joseph		
10	Sumit kumar				

### **Discussion 4:** To finalize dates for conducting practical examinations.

Instructions are provided to all the faculty members, taking Lab to start preparing for the practical examinations. The time table will be released shortly.

Faculty must prepare for below points:

- 1. Question papers for practical examination
- 2. MCQ questions
- 3. Viva Questions
- 4. Checking all the apparatus and ensuring their fine working

Task assigned	Responsible	Target date
Preparing time table for practical examination and sharing with students	Mr. Lokesh Malviya	20 Dec. 2018

### Discussion 5: Additional courses or curriculum activities

Inputs were provided by faculty team in meeting regarding the requirement of making students ready for industry by introducing some additional courses or curriculum activities other than RTU specified syllabus.

Special emphasis is made on criteria for selecting courses, it was mutually agreed on below points:

- 1. Course should be of current importance (Ex. Robotics)
- 2. Consider career opportunities (Ex. Designing)
- 3. Help students in building concepts and cracking interviews.
- 4. Course content must be interactive and should not be boring.

Training can be conducted, two per semester after semester examinations

## 1. <u>3d Printing</u>

The manufacturing industry is always looking at new and innovative ways of working and in recent years, 3D printing has been at the forefront. Advancements in the 3D printing technology, equipment and materials has resulted in the costs being driven down, making it a more feasible option to general manufacturing use. The main advantages of 3D printing are: reducing costs, less waste, reduce time, get a competitive advantage, reduce errors, confidentiality, and production on demand.

Task assigned	Responsible	Target date
To Design course/content/syllabus for 3d printing	Mr. Abhishek Sharma	
Checking and approving the detailed syllabus	Mr. Lokesh Malviya	28 April 2019
Conducting training classes	It will be decided, after semester examin	nation

### 2. Quantitative Aptitude and Reasoning classes.

A candidate with good Quantitative Aptitude is likely to perceive and process numbers to perform basic arithmetic operations and perform estimates. The candidate is likely to be quick in making analysis on assessments based on the given information and exhibits an excellent level of concentration in solving problems.

And also it will help students to pass pre-test of interviews, with good score.

Task assigned	Responsible	Target date
To Design course/content/syllabus.	Mr. Abhishek Sharma	
Checking and approving the detailed syllabus	Mr. Lokesh Malviya	28 April 2019
Conducting training classes	It will be decided, after semester examin	ation

## **Techno India NJR Institute of Technology, Udaipur (Raj.)**

## Mechanical Engineering department

Date: June 23, 2018

## Minutes of Meeting (Faculty) Academic Year (2018-2019)(July to December)

Time: 01:00 pm-2:00pm

 Meeting attended by:
 ADMINISTRATOR :
 Dr Pankaj K Porwal

 COORDINATOR
 :
 Mr. Lokesh Malviya

 FACULTY
 :
 Mr. Ashish Rakhecha, Mr. Sunil Bhatt, Mr.Vishnu Agarwal, Mr. Abhishek Sharma, Mr. Himanshu Pandya, Mr. Rahul Ojha, Mr. Shambhu P. Choubisa Mr. Deepesh Dadhich

### *Discussion 1* : To distribute the subjects and labs among the faculty members.

<u>Action taken</u> : Subjects and labs are assigned to faculty members as per their expertise and interest, details of subject assigned is as below.

Category		III Semester	V Semester		VII Semester	
	Subject	Faculty name	Subject	Faculty name	Subject	Faculty name
	MOS	Mr. Ashish Rakhecha	HT	Mr. Abhishek Sharma	ТМ	Mr. Lokesh Malviya
	ET	Mr. Sunil Bhatt	M&M	Mr. Himanshu Pandya	CNC	Mr. Rahul Ojha
Theory	AEM	Dr. Payal Jain	QAR	Mr. Lokesh Malviya	RAC	Mr. Vishnu Agarwal
Subjects	TC	Mr. Hitkaran S. Ranawat	AE	Mr. Sunil Bhatt	OM	Mr. Ashish Rakhecha
	MSE	Mr. Vishnu Agarwal	DOM	Mr. Rahul Ojha	OR	Mr. Shambhu P. Choubisa
	EM	Dr. Sangeeta choudary	S&E	Mr. Shambhu P. Choubisa	FEM	Mr. Himanshu Pandya
	MATLAB	Mr. Abhishek Sharma	DOM Lab	Mr. Rahul Ojha	FEM	Mr. Himanshu Pandya
	MED Lab	Mr. Ashish Rakhecha	PE lab	Mr. Shambhu P. Choubisa	TE-II	Mr. Lokesh Malviya
	MST Lab	Mr. Vishnu Agarwal	HT Lab	Mr. Abhishek Sharma	CNC	Mr. Rahul Ojha
Laba	BME Lab	Mr. Sunil Bhatt	PEDM	Mr. Lokesh Malviya		
Labs	Solidworks Lab	Mr. Deepesh Dadhich and Mr. Shambhu P. Choubisa	Solidworks Lab	Mr. Deepesh Dadhich		
	Autocad lab	Mr. Deepesh Dadhich				

#### <u>Discussion 2:</u> To include AutoCAD and Solid works also in the time table and design syllabus for the same. 1. <u>Mechanical Designing and Drafting – (AutoCAD and SolidWorks Software)</u>

<u>AutoCAD</u>: This is the most basic software used for designing and drafting. It allows a user/designer to conceptualize ideas and drawings to the required level of technical accuracy in the field of manufacturing industries.

<u>SolidWorks</u>: SolidWorks is a solid modeler, and utilizes a parametric feature-based approach which was initially developed by PTC (Creo/Pro-Engineer) to create models and assemblies. Also Motion analysis, FEA, Flow simulation can also be performed in SolidWorks.

### ActionTaken:

All the members in meeting, mutually agreed upon the requirement of introducing Autocad and SolidWorks to engineering curriculum in a better way as this will enhance drawing, design and software skills of students. So, both software need to be included as per the above subject distribution.

Task assigned	Responsible	Target date
	Mr. Deepesh Dadhich and Mr.	
AutoCAD and SolidWorks syllabus designing	Shambhu P. Choubisa	June 27,2018
Checking and approving the detailed syllabus		June 29,2018
Freezing and sharing time table with students	Mr. Lokesh Malviya	
(including AutoCAD and SolidWorks Classes)		June 30,2018
	Mr. Deepesh Dadhich	
Commencement of classes as per time table	and	w.e.f. July 02,2018
	Mr. Lokesh Malviya	

**Special Comments:** While designing syllabus please make sure that, it should contain all basic commands as required by an initial engineer and also which helps in cracking interviews.

## 2. <u>CNC Programming and Manufacturing(For VII Sem students)</u>

Computer Numerical Control (CNC) refers to - manipulating traditional machines by the use of computer systems. CNC machining has become common as the use of computers has increased in industrial manufacturing processes. Conventional industrial equipment like center lathes, routers, drills and millers are now operated through computers to achieve better control.

On the surface, it may seem like a simple computer is controlling the machine, but the unique software and control is what really sets the system apart in CNC machining. This training will help students to have hands on experience on CNC machines.

Task assigned	Responsible	Target date
To Design course/content/syllabus for CNC	Mr. Rahul Ojha	June 27,2018
Checking and approving the detailed syllabus and sharing time table with students	Mr. Lokesh Malviya	June 30,2018
Commencement of classes as per time table	Mr. Rahul Ojha	w.e.f. July 02,2018

### 3. Finite element analysis (Using Ansys) (For VII Sem students)

Ansys develops and markets engineering simulation software for use across the product life cycle. Mechanical finite element analysis software is used to simulate computer models of structures or machine components for analyzing strength, toughness, elasticity, temperature distribution etc.

Ansys is used to determine how a product will function with different specifications, without building test products or conducting crash tests.

For example, Ansys software may simulate how a bridge will hold up after years of traffic.

Task assigned	Responsible	Target date
To Design course/content/syllabus.	Mr. Himanshu Pandya	June 27,2018
Checking and approving the detailed syllabus and sharing time table with students	Mr. Lokesh Malviya	June 30,2018
Commencement of classes as per time table	Mr. Himanshu Pandya	w.e.f. July 02,2018

*Special Comments:* FEM lab is specified in course curriculum for VII Sem., RTU syllabus. But we should make more emphasis on it in early semesters so that, students can correlate theory subjects like Machine design, Fluid Mechanics, Vibration engineering with simulation and it will also help to visualize problem statements better.

### Discussion 3: Preparing Course File & Lab Files (by respective Faculty members by June 30,2018)

In the academic setup, a course file is essentially a document that includes all the necessary details regarding the batch, assessment, and overall outcomes of the course.

In meeting it is decided that all the faculty members should maintain a Course file (for Theory subjects) and Lab file (for practical Lab subjects).

<u>Sr.</u> <u>no.</u>	Course file must include	Lab File must include
1	Syllabus	Syllabus
2	Lecture plan (In a column target date or date of teaching can be included)	Notes regarding theoretical concepts involved for Conducting lab
3	Notes	Lab Manual
4	Assignments	20-30 Viva questions of each experiment
5	Mid Term question paper and solution with marking scheme	Practical importance of results obtained from the experiments
6	List of Marks obtained by students in midterm exams	Practical score sheet
7	List of important questions, provided to students	
8	Solution of last year RTU question paper, at-least 3	
9	Any other relevant material	
10	Suggestion from students and faculty for improving course content	
11	Schedule and details of remedial classes held for weaker students	

#### The course file and lab file must include below documents:

#### Discussion 4: To commence the classes as per above subject and lab distribution.

Task assigned	Responsible	Target date
Time Table preparation		June 29,2018
Freezing and sharing time table with students	Mr. Lokesh Malviya	June 30,2018
Commencement of classes as per time table		w.e.f. July 02,2018

#### Discussion 5: Additional courses or curriculum activities

Inputs were provided by faculty team in meeting regarding the requirement of making students ready for industry by introducing some additional courses or curriculum activities other than RTU specified syllabus.

Special emphasis is made on criteria for selecting courses, it was mutually agreed on below points:

- 1. Course should be of current importance (Ex. Robotics)
- 2. Consider career opportunities (Ex. Designing)
- 3. Help students in building concepts and cracking interviews.
- 4. Course content must be interactive and should not be boring.

Training can be conducted, two per semester after semester examinations.

Some of the courses identified for training are as below :

#### 1. <u>Mechanical Designing and Drafting – (AutoCAD and SolidWorks Software)</u> Action :

Both the above software are planned to include in time table for  $3^{rd}$  and  $5^{th}$  Sem curriculum. Details are already specified in Discussion 2.

## 2. Finite element analysis (Using Ansys)

#### Action :

FEM Lab is planned to include in time table for 7<sup>th</sup> Sem curriculum. Details are specified in Discussion 2.

### 3. <u>CNC Programming and Manufacturing</u>

CNC Lab is planned to include in time table for 7<sup>th</sup> Sem curriculum. Details are specified in Discussion 2.

## **Techno India NJR Institute of Technology, Udaipur (Raj.)**

## Mechanical Engineering department

Date: Nov. 10, 2018

## Minutes of Meeting (Faculty) Academic Year (2018-2019)(July to December)

Time: 11:00 am-12:00 pm

Meeting attended by:	ADMINISTRATOF	<b>R :</b> Dr Pankaj K Porwal
	COORDINATOR	: Mr. Lokesh Malviya
	FACULTY	: Mr. Ashish Rakhecha, Mr. Sunil Bhatt, Mr.Vishnu Agarwal, Mr. Abhishek Sharma,
		Mr. Himanshu Pandya, Mr. Rahul Ojha, Mr. Shambhu P. Choubisa,
		Mr. Deepesh Dadhich

### Discussion 1: RTU Syllabus Completion Status of for III, V & VII Semesters

III Semester				
Subject	Faculty name	Course status	Remarks	
MOS	Mr. Ashish Rakhecha	3.5 Units completed		
ET	Mr. Sunil Bhatt	4 units completed		
MSE	Mr.Vishnu Agarwal	3 Units completed		
AEM	Dr. Payal Jain	3.5 Units completed		
EM	Dr. Sangeeta choudary	3.5 Units completed		
TC	Mr. Hitkaran S. Ranawat	4 units completed		
MATLAB	Mr. Abhishek Sharma	5 practical pending		
MED Lab	Mr. Ashish Rakhecha	4 practical completed		
MST Lab	Mr. Vishnu Agarwal	3 practical completed		
BME Lab	Mr. Sunil Bhatt	4 practical pending		

V Semester				
Subject	Faculty name	Course status	Remarks	
HT	Mr. Abhishek Sharma	Completed	RTU paper discussion pending	
M&M	Mr. Himanshu Pandya	Half unit remaining		
QAR	Mr. Lokesh Malviya	1 topic remaining	2 lectures req.	
AE	Mr. Sunil Bhatt	Completed		
DOM	Mr. Rahul Ojha	Last topic	Numerical discussion pending	
S&E	Mr. Shambhu P. Choubisa	Completed		
DOM Lab	Mr. Rahul Ojha	Completed		
PE lab	Mr. Shambhu P. Choubisa	Last practical pending	File submission by students pending	
HT Lab	Mr. Abhishek Sharma	Completed	File submission by students pending	
PEDM	Mr. Lokesh Malviya	Completed		

VII Semester				
Subject	Faculty name	Course status	Remarks	
ТМ	Mr. Lokesh Malviya	Numerical practice pending		
CNC	Mr. Rahul Ojha	2 Programs remaining	3 lectures req.	
RAC	Mr. Vishnu Agarwal	Completed		
ОМ	Mr. Ashish Rakhecha	2 topics remaining	3 lectures req.	
OR	Mr. Shambhu P. Choubisa	Completed		
FEM	Mr. Himanshu Pandya	Half unit remaining		
FEM	Mr. Himanshu Pandya	4 practical pending	File submission by students pending	
TE-II	Mr. Lokesh Malviya	Completed	File submission by students pending	

#### Discussion 2: Remedial classes for weak and Backlog appearing students.

Task assigned	Responsible	Target date
Identify imp. Questions from each subject	Subject faculty	19-24 Nov. 2018
Discussing solution with students	Subject faculty	19-24 Nov. 2018

## Time for the classes will be finalized and shared by Mr. Lokesh Malviya.

- Weak students are identified using following criteria :
  - 1. Those who scored low marks in  $1^{st}$  and  $2^{nd}$  mid term examinations.
  - 2. Those who had low attendance % in class.

Sr no	Students names identified for Remedial classes		
51.110.	III Sem V Sem		VII Sem
1	Asif Ali	Atul Choudhary	Aneesh Makwana
2	Bharat Meghwal	Chetan Vaishnav	Chirag Audichya
3	Gurpreet Singh	Gunwant Kachchava	Divyanshu Sharma
4	Himanshu Manoti	Love Bhati	Pankaj Sankhala
5		Priyam Kalal	Prince Kr Mishra
6		Shishupal S Baghela	Rahul Puri Goswami
7		Sumit kumar	Rohit Trivedi
8		Yashwant Veerwal	Suraj Dangi
9			Tanay Tripathi
10			Yuvraj Singh Khokhariya
11			Ajaypal S Rathore

### **Discussion 3:** To finalize dates for conducting practical examinations.

Instructions are provided to all the faculty members, taking Lab to start preparing for the practical examinations. The time table will be released shortly.

Faculty must prepare for below points:

- 1. Question papers for practical examination
- 2. MCQ questions
- 3. Viva Questions
- 4. Checking all the apparatus and ensuring their fine working

Task assigned	Responsible	Target date
Preparing time table for practical examination and sharing with students	Mr. Lokesh Malviya	20 Dec. 2018

### Discussion 4: Additional courses or curriculum activities

Decided to commence training classes just after semester examination.

 <u>Finite element analysis (Using Ansys)</u> FEM Lab was included for 7<sup>th</sup> Sem curriculum in the semester. Now as the syllabus and content is already finalized so we can start training for early semester after semester examination, approx. by 20 Dec. 2018.

### 2. <u>CNC Programming and Manufacturing</u>

CNC Lab was included for  $7^{\text{th}}$  Sem curriculum in the semester. Now as the syllabus and content is already finalized so we can start training for early semester after semester examination, approx. by 20 Dec. 2018.

3. <u>Robotics (Introduction and Application)</u>

Robotics technology influences every aspect of work and home. Robotics has the potential to positively transform lives and work practices, raise efficiency and safety levels and provide enhanced levels of service. Robotics is already the key driver of competitiveness and flexibility in **large scale manufacturing industries**. Ex- Industrial robots perform specific repetitive tasks such soldering or painting parts in car manufacturing plants.

Task assigned	Responsible	Target date
To Design course/content/syllabus for robotics	Mr. Himanshu Pandya	
Checking and approving syllabus for robotics	Mr. Lokesh Malviya	Nov. 2018
Conducting training classes(FEM, CNC & Robotics)	It will be decided, after semester examination (Approx 20 Dec.20	

## Department of Mechanical Engineering Minutes of Meeting

Meeting/Project Name	New Session / Semester Meeting		
Date of Meeting:	June 15, 2017	Time	10:00- 11:00 AM
Administrator	Dr Pankaj K.Porwal	Venue	Techno India NJR Inst. of Tech, Udaipur

1.Meeting	g Objective						
To make	systematic acaden	nic plan for	smooth and effect	ive rı	unning of	f the sessior	n 2017-18.
2. Attende	2. Attendees						
Mr. Lokes	h Malviya	Mr. Panka	j Ameta				
Mr. Ashis	h Rakhecha	Mr. Hima	nshu Pandya				
Mr. Umes	h Jat	Mr. Anoo	Dadheech				
Mr. Sunil	Bhatt	Mr. Rahu	l Ojha				
Mr. Abhis	hek Sharma	Mr. Sham	bhu P. Choubisa				
3. Agenda	l						
Topic A.	Subject Distribution	ution For 7	The Academic Yea	ar ( 2	017-18)		
Note:-	Subjects have be	en distribu	ted according to the	e facı	ulties' in	terest and th	neir qualification.
	Action Items						
	Faculties are req	uested to p	repare their respect	ive s	ubjects i	n advance a	nd make notes of
	each unit before	delivering	the lecture.				
	IIIrd SEM		Vth SEM			VIIth SE	M
	M.O.S- Ashish	Rakecha	H.T- Rahul Ojha	-	T.M- Umesh Jat		esh Jat
	E.T- Umesh Ja	<u>it</u>	M& M- Himansh	u Pan	idya	a C.N.C- Lokesh Malviya	
	M.S- Sunil Bha		Q.A.R- Lokesh M	lalviy	a O.R- ShambhuP. Choubisa		hbhuP. Choubisa
	AEM- Kirti Kh	urdia	A.E- Sunil Bhatt	C1	U.M – Ranul Ojna		nul Ojha
	M.D. Himanah	Ameta	D.U.M- Addisnek	$\frac{1}{2}$ Shat	houbisa PAC Abbisbek Sharma		high als Sharma
Tonio P	Choice Of Elect	i Falluya	SEEE- SIIaIIIDIIU	F. CI	loudisa	K.A.C- Al	Silarina
торіс в.	Choice Of Elect	live Subjec					
	V th SEM				VIIth	<u>SEM</u>	
N	CAD & graphic	cs			Micro Marrie	& Nano	TT ( 1
Note :-	Automobile En	gg. Hav	ve to choose any		Dehot		Have to choose
	Statistics For	one	of them.		CNC	Machina	thom
	Decision Makir	ng			& Pro	arammina	uleill.
	A	& Programming					
	Action Items	. 1 1	1 1'		.1 . 1		
	The elected subjects have been chosen according to the student's interest. This						
T	information has	been snare	a by mail and as w	ven a	s by wha	it's app.	
Topic C.	Time Table Pre	paration					
Note :-	Respective year	coordinato	rs are requested to	prepa	re time t	ables	
	Action Items						

	1. The classes are going to start from 1 <sup>st</sup> july. So please prepare well in advance and			
	circulate them among students via email and what's app.			
	2. Also circulate this among all the faculties including principal sir and H.O. D sir, so			
	that they are also aware of it.			
	3. Please make sure there is no overlapping or clashing of classes.			
Topic D.	Course File & lab Files			
Note :-	Faculties are requested to prepare lab & course files			
	Action Items			
	1.Course File			
	(a) It includes syllabus of your respective subject.			
	(b) Lecture plan – it includes how much lecture you are required to complete the			
	syllabus.			
	(c) Include R.T.U previous year question papers.			
	(d) Notes of every unit and make sure to circulate among students.			
	(e) Assignments –Make sure to give the assignments after end of each unit.			
	(f) Any extra activity like any industrial visit or expert lecture and make note of that also.			
	(g) Remedial classes for weak students.			
	2. Lab File			
	(a) It includes syllabus of your respective lab.			
	(b) Lab plan – it includes how much lecture you are required to complete the lab			
	syllabus.			
	(c) Lab Assignments –Make sure to give the assignments after end of each practical.			
	(d) remedial classes for weak students			
	(e) 20 Viva questions for each experiment			
	(f) Any extra activity like industrial visit regarding to your lab should also be included.			
	Additional Competencies- AutoCAD			
	Note: AutoCAD is a basic requirement for a mechanical engineer in the industry,			
	Action Item: AutoCAD has been included in the syllabus of $1^{st}$ and $2^{st}$ sem.			
	Additional Competencies- Solid Works			
Topic E.	Note: Solid works is design software which helps to understand the solid Modeling.			
	Action Item: It has been included in the syllabus of $3^{14}$ and $4^{11}$ sem.			
	Additional Competencies- Quantitative Aptitude & Verbal Ability			
	Note: Q.A & V.A helps student to develop communication and verbal skills.			
	Action Item: Soon the classes will start, once semester exam ends.			

Meeting Closed: 10:56 AM

## Department of Mechanical Engineering Minutes of Meeting

Meeting/Project Name	Course status and End Semester training		
Date of Meeting:	Nov15, 2017	Time	11:00- 12:00 AM
Administrator	Dr Pankaj K. Porwal	Venue	Techno India NJR Inst. of Tech, Udaipur

1.Meeting	Objective			
To make s	ystematic academi	ic plan for smooth and effec	ctive running of th	e session 2017-18.
2. Attende	es			
Mr. Lokes	h Malviya	Mr. Pankaj A	Ameta	
Mr. Ashish	n Rakhecha	Mr. Himans	hu Pandya	
Mr. Umesh	n Jat	Mr. Anoo D	adheech	
Mr. Sunil I	Bhatt	Mr. Rahul (	Djha	
Mr. Abhisl	nek Sharma	Mr. Shambh	u P. Choubisa	
3. Agenda				
Topic A.	Syllabus Comp	letion Status For IIIrd, V	th, VIIth Sem	
Note:-	Faculties have s	ubmitted course files.	2	
	Action Items			
	Details of course	e completion & lecture requ	irement.	
	Name of subject	Name of faculty	Course status	Remarks
	M.O.S	Ashish Rakecha	4	Requires 10 lectures
	E.T	Umesh Jat	4	Requires 10 lectues
	M.S	Sunil Bhatt	4	Requires 10 lectures
	A.E.M	Kirti Khurdia	4	Requires 10 lectures
	O.O.P.S	Pankaj Ameta	3.5	Requires 12 lectures
	M.P	himanshu Pandya	4.5	Requires 10 lectures
	Name of subject	Name of faculty	Course status	Remarks
	H.T	Rahul Ojha	4	Requires 10 lectures
	Q.A.R	Lokesh Malviya	4.5	Requires 5 lectures
	M & M	Himanshu Pandya	4.5	Requires 5 lectures
	A.E	Sunil Bhatt	4.5	Requires 5 lectures
	D.O.M	Abhishek Sharma	4	Requires 10 lectures
	S.E.E.E	Shambhu P. Choubisa	4.5	Requires 5 lectures
	Name of subject	Name of faculty	Course status	Remarks
	T.M	Umesh Jat	4	Requires 10 lectures
	O.R	Shambhu P. Choubisa	4	Requires 5 lectures
	C.N.C	Lokesh Malviya	4.5	Requires 5 lectures
	R.A.C	Abhishek Sharma	4	Requires 5 lectures

	F.E.M	Finite element me	thods	4	Requires 10 lectures	
	O.M	Operation manage	ement	4.5	Requires 5 lectures	
Topic B.	Additional Com	petencies: Gate E	xam P	reparation		
Noto:	For understandin	g the application of	subjec	ts in the industry, the	e gate classes have be	en
Note.	scheduled.					
	Action items					_
	Lokesh Malviya			Vibration & F.M		
	Abhishek Sharn	na		Kinematics of Mac	hine	
	Himanshu Pand	ya		Manufacturing Proc	cess	
	Umesh Jat			Engineering Therm	odynamics	
	Shambhu P. Ch	oubisa		Design of Machine	Element	
	Sunil Bhatt			Material Science		
Topic C.	Remedial Classe	es for Backlog & V	Veaker	Students		
	Following weake	r students have bee	n ident	ified based on their a	attendance and midter	m
Note :-	performance. Als	o, backlog appearin	ng stude	ents have been identi	fied, remedial classes	will
	be scheduled					
	Action Items					
	Focus on previou	s year R.T.U quest	ions and	d teach them those to	opics which are impor	tant
	according to example	n point of view.	771	1'1 4 1 1		
	Karan V	asita	Kha T	alii Ahmed		
	Kishan I Sourrou I	Lal Gurjar	I fis	nal Lonar	4 <sup>th</sup> weer students	
	Sourav I	Singh Chauhan	Sha A ri	likar Lai Kulliawai	4 year students	
	Devashi	sh Meena	AIJ Mo	uli Siligli Jauoli hammad Tasaean		
	<u>A neesh</u>	Makwana		wanshii Sharma		
	Prashant	Singh Rhati	Piv	ush Ioseph		
	Sanchit	Govil	Yux	rai Singh Khokhariy	a 3 <sup>rd</sup> vear students	
	Pankai S	Sankhala	Roł	it Trivedi		
	Nirbhik	Dasharda	Tan	ay Tripathi		
	Akshansl	n Bhardwaj	Atul	Choudhary		
	Chandra S	Shekhar Menariya	Deep	ak Malav	Ond Veen student	1a
	Love Bha	ti	Surya	prakash	2nd Year student	.S
	Krishnapa	al Singh	Gunw	ant Kachhava		
Topic D.	End Semester T	raining				
	We have identifie	ed following areas,	where a	students can foster th	eir knowledge and ge	et
Note :-	them ready for In	dustrial exposure a	nd upco	oming placement opp	portunities	
	1. Solid Wo	rks. 2. ANSYS 3. (	CNC P1	ogramming 4. Basic	Industrial Concept	
	Action Items					
	Training will be started once semester exam gets over.					

Meeting Closed: 11:58 AM

## Department of Mechanical Engineering Minutes of Meeting

Meeting/Project Name	New Session/Semester Meeting		
Date of Meeting:	Jan 5, 2018	Time	1:00- 2:00 P:M
Administrator	Dr Pankaj K. Porwal	Venue	Techno India NJR Inst. of Tech, Udaipur

1.Meeti	I.Meeting Objective					
To mak	e systematic academic	plan for	smooth	and effective running of th	ne session.(2017-18)	
2. Atten	ndees					
Mr. Lok	tesh Malviya	Mr. Hir	nanshu 🛛	Pandya		
Mr. Ash	hish Rakhecha	Mr. An	oo Dadd	lich		
Mr. Um	esh Jat	Mr. Ra	hul Ojh	a		
Mr. Sun	il Bhatt	Mr. Sha	ımbhu P	. Choubisa		
Mr. Abł	nishek Sharma			1		
3. Agen	da					
Topic A.	Dic Subject Distribution For The Academic Year (2017-18)					
Note:-	- Subjects have been distributed according to the faculties' interest and their qualification.					
	Action Items					
	Faculties are requested to prepare their respective subjects in advance and make notes of each					
	unit before delivering the lecture.					
	IVth SEM		VIth S	EM	VIIIth SEM	
	D.M.E-1- Ashish Ral	kecha	DME-I	I- Shambhu P. Choubisa	C.I.M-Lokesh Malviya	
	F.M- Umesh Jat		V.E- L	okesh Malviya	L.O.E- Rahul Ojha	
	K.O.M- Rahul Ojha		N.M.M	I- Anoo Daddich	P.G-Himanshu Pandy	/a
	I.C.E- Abhishek Shar	rma	Steam	Engg- Umesh Jat	T.Q.M- Anoo Daddic	:h
	I.E-Shambhu P. Cho	ubisa	<u>M.M</u> –	Sunil Bhatt		
	M.M.T-Himanshu Pa	andya	Mecha	tronics- Irfan Ali		
Topic B.	Choice of Elective Su	ıbjects				
Note						
:-	VIth SEM	1		VIIIth SEM		1
	Non Destructive			Product Development		1
	Testing			launching		1
	Maintenance	Have to	)	Computational Fluid	Have to choose	1
	Management.	choose	any	Dynamics	any one of them.	1
	Design And	one of	nem.	Total Quality		1
	Manufacturing of	Management				
	Action Itoms					
	The elected subjects h	ave heen	chosen	according to the student's	interest This informat	tion has
	The elected subjects have been chosen according to the student's interest. This information has been shared by mail and as well as by what's app					
Topic	Time table preparation					

C.	
Note :-	Respective year coordinators are requested to prepare time tables
	Action Items
	<ol> <li>The classes are going to start from 12<sup>th</sup> January. So please prepare well in advance and circulate them among students via email and what's app.</li> <li>Also circulate this among all the faculties including principal sir and H.O. D sir, so that they are also aware of it.</li> <li>Please make sure there is no overlapping or clashing of classes.</li> </ol>
Topic D.	Course File & lab Files
Note :-	Faculties are requested to prepare lab & course files
	Action Items
	1.Course File
	(a) It includes syllabus of your respective subject.
	(b) Lecture plan – it includes how much lecture you are required to complete the syllabus.
	(c) Include R.T.U previous year question papers.
	(d) Notes of every unit and make sure to circulate among students.
	(e) Assignments –Make sure to give the assignments after end of each unit.
	(f) Any extra activity like any industrial visit or expert lecture and make note of that also.
	(g) Remedial classes for weak students.
	2. Lao File
	(a) It includes synabus of your respective rad. (b) I ab plan it includes how much lacture you are required to complete the lab syllabus
	(c) Lab $Assignments$ Make sure to give the assignments after end of each practical
	(d) remedial classes for weak students
	(e) 20 Viva questions for each experiment
	(f) Any extra activity like industrial visit regarding to your lab should also be included.
Topic	Additional Competencies- Solid works(advanced)
E.	Note: Solid works is design software which helps to understand the solid Modeling.
	Action Item: It has been included in the syllabus of 3 <sup>rd</sup> and 4 <sup>th</sup> sem.
	Additional Competencies- CNC training
	Note: - CNC helps understand the role of computer in manufacturing.
	Action Item – It has been included in the syllabus of $6^{th}$ sem.
	Additional Competencies- PLC/SCADA
	Note: - It helps student to learn run complex industrial process with the help of PLC/SCADA.
	Action Item – Soon Faculty will deliver the training after completion of R.T.U exams.

Meeting Closed: 1:58 PM

## Department of Mechanical Engineering Minutes of Meeting

Meeting/Project Name	Course Status And End Semester Training			
Date of Meeting:	April 1, 2018	Time	10:00- 11:00 A:M	
Administrator	Dr Pankaj K. Porwal	Venue	Techno India NJR Inst. of Tech, Udaipur	

1.Meeting	Objective							
To make s	systematic academic	c plan for smooth and effe	ctive running of	the session.(2017-18)				
2. Attende	ees	-						
Mr. Lokesl	h Malviya	Mr. Anoo Daddic	h					
Mr. Ashish	n Rakhecha	Mr. Rahul Ojha						
Mr. Umesh	n Jat	Mr. Shambhu P. C	Mr. Shambhu P. Choubisa					
Mr. Sunil I	Bhatt	Mr. Abhishek Sha	Mr. Abhishek Sharma					
Mr. Himan	ishu Pandya							
3. Agenda								
Topic A.	Syllabus Comple	tion Status for IVth, VI	th, VIIIth Sem					
Note:-	Faculties have sub	omitted course files.						
	Action Items							
	Details of course	completion & lecture requ	irement.					
	Name of subject	Name of faculty	Course status	Remarks				
	D.M.E-1	Ashish Rakecha	3.5	Requires 10 lectures				
	F.M	Umesh Jat	3.5	Requires 10 lectures				
	K.O.M	Rahul Ojha	3.5	Requires 10 lectures				
	I.C.E	Abhishek Sharma	4	Requires 5 lectures				
	I.E	Shambhu P. Choubisa	4	Requires 5 lectures				
	M.M	Himanshu Pandya	4	Requires 5 lectures				
	Name of subject	Name of faculty	Course statu	s Remarks				
	DME-II	Shambhu P. Choubisa	4	Requires 10 lectures				
	S.E	Umesh Jat	4	Requires 10 lectures				
	V.E	Lokesh Malviya	4	Requires 10 lectures				
	Mechatronics	Irfan Ali	3.5	Requires 5 lectures				
	N.M.M	Anoo Daddich	3.5	Requires 5 lectures				
	Maint. Manag.	Sunil Bhatt	3.5	Requires 5 lectures				
	Name of subject	Name of faculty	Course status	Remarks				
	C.I.M	Lokesh Malviya	4	Requires 5 lectures				
	P.G	Himanshu Pandya	4	Requires 5 lectures				

	T.Q.M	Anoo Daddich	1	4	Requires 5 lectures	
	L.O.E	Rahul Ojha		4	Requires 5 lectures	
Topic B.	Additional Competencies : Gate exam preparation					
Note:-	For increasing the	core knowledge	of subje	cts, the gate clas	ses have been schedu	led.
	Action Items					
	Lokesh Malviya			Industrial Engi	neering	
	Shambhu P. Choubisa Operation research					
	Abhishek sharma         Refrigeration & air conditioning					
	Sunil bhatt			Mechanics of s	olid	
	Himanshu pandya			Heat Transfer		
Topic C.	Remedial Classes	For Backlog &	<u>k Weake</u>	er Students		
Note .	Following weaker	students have be	een ident	ified based on the	err attendance and m	idterm
Note	be scheduled	backing appear	ing stud	ents have been h	dentifica, femediai ch	18868 WIII
	Action Items					
	Focus on previous year R T U questions and teach them those topics which are important					
	according to exam point of view.					
	Karan Vasita     Khalil Ahmed					
	Kishan Lal Guriar Trishal Lohar					
	<ul> <li>Sourav Pa</li> </ul>	av Padliya Shankar Lal Kumawat 4 <sup>th</sup> year students			5	
	Abhijeet S	Singh Chauhan Ariun Singh Jadon		5		
	<ul> <li>Devashish</li> </ul>	Meena	Moham	mad Tasgeen		
	Aneesh M	akwana	Divyan	shu Sharma		
	Prashant S	ingh Bhati	Piyush	Joseph		
	Sanchit G	ovil	Yuvraj	Singh Khokhari	ya 3 <sup>rd</sup> year students	3
	<ul> <li>Pankaj Sar</li> </ul>	nkhala	Rohit T	rivedi		
	Nirbhik D	asharda	Tanay T	`ripathi		
	Akshansh	Bhardwaj	Atul Ch	oudhary		
	Chandra S	hekhar Menariy	a Deepa	k Malav	2 <sup>nd</sup> Vear studen	te
	Love Bhat	i	Suryap	rakash		.15
	<ul> <li>Krishnapa</li> </ul>	l singh	Gunwa	nt Kachhava		
Topic D.	End Semester Tra	ining				
	We have identified	following areas	s, where	students can fos	ter their knowledge a	nd get them
Note :-	ready for Industrial	exposure and u	apcoming	g placement opp	ortunities	
	1. Advanced S	Solid Works 2. I	PLC/SCA	ADA 3. Industria	l Concept 4. Advance	ed ANSYS.
	Action Items					
	Training will be started once semester exam gets over.					

Meeting Closed: 10:58 AM

# Techno India NJR Institute of Technology <u>Minutes of Dept. Meeting</u>

Venue – Mi	E DEPT.				
<b>Day</b> – 27-	-Mar-17				
<b>Time</b> – 3:0	0 PM – 4:00 PM				
The following faculty & staff members were present in the Meeting:-					
Dr Pankaj K Porwal	Mr. Irfan Ali	Mr. Raspal Singh			
Mr. Anoo Dadhich	Mr. Lokesh Malviya	Mr. Sunil Bhatt			
Mr. Anunay Saraswat	Mr. Rahul Ojha	Mr. Umesh Jat			
Mr. Ashish Rakhecha	Mr. Rajesh Patel	Mr. Vikram Singh			
Mr. Deepesh Dadhich	Mr. Raiesh Patidar				

Department meeting held on 27-Mar-17 in Mechanical Department ended with discussion on various following issues.

1. Syllabus completion report :

Faculties need to state their syllabus completion and required lecture for the course completion before semester end

FACULTY	4th SEM	Course status	Remark
Mr. Anunay			Need lecture for
Saraswat	Kinematics of Machine	3.2 unit	RTU Paper
Mr. Ashish			
Rakhecha	IC Engine	3.8 unit	Need 10 lecture
			Need 5 extra
	Design of Machine		lectures for
Mr. Rahul Ojha	Element-I	3.6 unit	numerical
	Machining & Machine		
Mr. Rajesh Patidar	Tools	3.5 unit	Need 15 lecture
			Need extra class
Mr. Umesh Jat	Fluid Mechanics	3.1 unit	for numerical
Mr. Dheeraj			
Menaria	Industrial Engineering	3.5 unit	Need 12 lecture
FACULTY	6th SEM	Course status	Remark
	Newer Machining		
Mr. Anoo Dadhich	Methods	4.75 Unit	
Mr. Irfan Ali	Mechatronics	4.5 Unit	
Mr. Lokesh			Need extra class
Malviya	Vibration Engineering	4.5 Unit	for numerical
Mr. Raspal Singh	Steam Engineering	4.75 Unit	
	Design of Machine		Need lecture for
Mr. Sunil Bhatt	Element-2	4.5 unit	RTU Paper
	Design & Manuf. Of		
Mr. Vikram Singh	Plastic Products	5 unit	

FACULTY	8th SEM	Course status	Remark
Mr. Lokesh	Computer Integrated		
Malviya	Manufacturing	5 Unit	
Mr. Rajesh Patel	Power Generations	4.8 Unit	Need 4 lectures
	Total Quality		
Mr. Raspal Singh	Management	5 Unit	
Mr. Dheeraj			
Menaria	Laws for Engineers	5 Unit	

2. Extra class:

For weak student:

Identify weak student by the coordinator from current semester midterm results and student having low attendance .Special doubt class for Numerical subject are planed and also for weak students special revision classes are planed

3. Remedial classes for weak and Backlog appearing students Following subject classes are arranged:-

FACULTY	4th SEM
Mr. Anunay Saraswat	Kinematics of Machine
Mr. Rahul Ojha	Design of Machine Element-I
Mr. Umesh Jat	Fluid Mechanics
FACULTY	6th SEM
Mr. Lokesh Malviya	Vibration Engineering
Mr. Raspal Singh	Steam Engineering
Mr. Sunil Bhatt	Design of Machine Element-2
FACULTY	8th SEM
Mr. Rajesh Patel	Power Generations

## 4. Practical examination schedule

For conducting practical exam on time schedule was to created by the coordinator Faculty must prepare for below points:

- 1. Question papers for practical examination
- 2. MCQ questions
- 3. Viva Questions
- 4. Checking all the apparatus and ensuring their fine working
- 5. Summer Internship for  $6^{th}$  sem student

To ensure that all students(VI SEM) are undergoing industrial training. Please make an excel sheet (by faculty coordinator) for the same and submit in to Mr. Lokesh Malviya. Include Student name, organization, department, training start date, permission letter status etc. in the excel sheet.

6. Aptitude classes for 3<sup>rd</sup> and 4<sup>th</sup> Year student after RTU exam should be held Faculty coordinates for classes-

Abhishek Sharma	
Mr.Raspal Singh	

7. Summer Training for students

Summer training classes' time table will be made by the coordinator

Semester	Training	Description
$2^{nd}$	Autocad	AutoCAD is need for every engineering student so more
		detail training for 1 <sup>st</sup> year student and practice will we
		done
4 <sup>th</sup>	Solidworks /3D	For 2 <sup>nd</sup> year student Assembly and analysis were practice
	Printing	during training on solidworks which will increase their
		design and product development capabilities
		To make understand Rapid Prototyping which were need
		of the hour 3 D printing training will be conducted
6 <sup>th</sup>	Ansys/ CNC/	To analysis the load and various boundary conditions
	Automation	Ansys training is conducted.
		Also to make them production industry ready hands on
		practice on CNC machine will we done
		Automation and Robotics are main component of
		Industry 4.0, so they were added in their training
8 <sup>th</sup>	QA / Verbal	To make placement ready student should have good
	Ability	Aptitude and Verbal Ability

8. Faculty need to make training course file and student record sheet for the training.

## 9. Industrial visit

To enhance the industrial knowledge student industries visit are planned for students after semester exam. For industry visit Mr. Lokesh Malviya and Mr Sunil Bhatt were assigning to coordinate with various local and outside Udaipur visit after RTU exam.

# Techno India NJR Institute of Technology <u>Minutes of Dept. Meeting</u>

Vanua		т			
venue –	ME DEP	1.			
Day –	04-Jan-17	7			
Time –	3:00 PM	– 4:00 PM			
The following faculty & staff members were present in the Meeting:-					
Dr Pankaj K Porwal		Mr. Irfan Ali	Mr. Raspal Singh		
Mr. Anoo Dadhich		Mr. Lokesh Malviya	Mr. Sunil Bhatt		
Mr. Anunay Saraswat	t	Mr. Rahul Ojha	Mr. Umesh Jat		
Mr. Ashish Rakhecha	l	Mr. Rajesh Patel	Mr. Vikram Singh		
Mr. Deepesh Dadhich	ı	Mr. Rajesh Patidar	Mr. Dheeraj Menaria		

Department meeting held on 04-Jan-17 in Mechanical Department ended with discussion on various following issues.

## 1. Subject distribution for the academic year of 2016-17 (Jan- June)

Based on faculties' expertise, subjects and labs have been assigned to all faculties.

FACULTY	4th SEM	6th SEM	8th SEM
Mr. Anoo Dadhich		Newer Machining Methods	
Mr. Anunay			
Saraswat	Kinematics of Machine		
Mr. Ashish			
Rakhecha	IC Engine		
Mr. Irfan Ali		Mechatronics	
Mr. Lokesh			Computer Integrated
Malviya		Vibration Engineering	Manufacturing
	Design of Machine		
Mr. Rahul Ojha	Element-I		
Mr. Rajesh Patel			Power Generations
	Machining & Machine		
Mr. Rajesh Patidar	Tools		
			Total Quality
Mr. Raspal Singh		Steam Engineering	Management
		Design of Machine Element-	
Mr. Sunil Bhatt		2	
Mr. Umesh Jat	Fluid Mechanics		
		Design & Manuf. Of Plastic	
Mr. Vikram Singh		Products	
Mr. Dheeraj			
Menaria	Industrial Engineering		Laws for Engineers

## 2. Departmental Time Table duties are assigned to coordinator

## 3. Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-

<u>COURSE FILE –</u> Syllabus Lecture plan (In a column target date or date of teaching can be included) Notes Assignments Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams List of important questions, provided to students Solution of last year RTU question paper Any other relevant material <u>LAB MANUAL –</u> Syllabus Notes regarding theoretical concepts involved for conducting lab Lab Manual 20-30 Viva questions of each experiment Practical importance of results obtained from the experiments Practical score sheet

## 4. Other documents to be attached in course file during the semester:

Midterm exam paper Midterm exam paper solution Best student answer book (photocopy) Copy of results of mid semester exams Industry Application Related Material and GATE questions

### 5. Lab:

Faculty has to perform the entire practical before starting of semester and check for all the requirements and correction of any instrument if any.

Lab manual and Lab score sheet

## 6. Placement:

Placement database to be maintained by the Batch coordinator.

# Techno India NJR Institute of Technology <u>Minutes of Dept. Meeting</u>

Venue–ME DEPT.Day–14/11/2016Time–3:00 PM – 4:00 PMThe following faculty & staff members were present in the Meeting:-

Dr Pankaj K Porwal	Mr. Anunay Saraswat	Mr. Rahul Ojha
Dr Payaj Jain	Mr. Ayush Bansal	Mr. Rajesh Patel
Mr Deepesh Dadheech	Mr. Jaideep Ameta	Mr. Rajesh Patidar
Mr Sunil Bhatt	Mr. Lokesh Malviya	Mr. Umesh Jat
Mr. Abhishek Sharma	Mr. Pankaj Ameta	Mr.Anoo Dadhich
Mr.Dheeraj Menaria	Mr.Raspal Singh	

Department meeting held on 14/11/2016 in Mechanical Department ended with discussion on various following issues.

1. Syllabus completion report :

Faculties need to state their syllabus completion and required lecture for the course completion before semester end

FACULTY	3rd SEM	Course status	Remark
Dr Payaj	Advanced Engineering		
Jain	Mathematics	3.2 Unit	Need 17 lecture
Mr. Ayush	Engineering		Need 18 lecture
Bansal	Thermodynamics	3.25 Unit	
Mr. Jaideep			Need 13 lecture
Ameta	Manufacturing Practices	3.8 Unit	
Mr. Pankaj	Object Oriented		Need 14 lecture
Ameta	Programming in C <sup>++</sup>	3.75 Unit	
Mr. Rahul			Need 18 lecture
Ojha	Mechanics of Solids	3.3 Unit	
Mr. Rajesh	Material Science		Need 13 lecture
Patel	Engineering	3.75 Unit	
FACULTY	5th SEM	Course status	Remark
FACULTY Mr Sunil	5th SEM	Course status	Remark Need 4 lecture
FACULTY Mr Sunil Bhatt	5th SEM Measurement & Metrolgy	Course status 4.7 Unit	Remark Need 4 lecture
FACULTY Mr Sunil Bhatt Mr.	5th SEM Measurement & Metrolgy	Course status 4.7 Unit	Remark Need 4 lecture Need 7 lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek	5th SEM Measurement & Metrolgy	Course status 4.7 Unit	Remark Need 4 lecture Need 7 lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek Sharma	5th SEM Measurement & Metrolgy Dynamics of Machine	Course status 4.7 Unit 4.2 Unit	Remark Need 4 lecture Need 7 lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek Sharma Mr.Dheeraj	5th SEM Measurement & Metrolgy Dynamics of Machine Sociology & Economics for	Course status 4.7 Unit 4.2 Unit	Remark Need 4 lecture Need 7 lecture Need 2 lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek Sharma Mr.Dheeraj Menaria	5th SEM Measurement & Metrolgy Dynamics of Machine Sociology & Economics for Engg	Course status 4.7 Unit 4.2 Unit 4.8 Unit	RemarkNeed 4 lectureNeed 7 lectureNeed 2 lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek Sharma Mr.Dheeraj Menaria Mr. Anunay	5th SEM Measurement & Metrolgy Dynamics of Machine Sociology & Economics for Engg	Course status 4.7 Unit 4.2 Unit 4.8 Unit	RemarkNeed 4 lectureNeed 7 lectureNeed 2 lectureNeed 5lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek Sharma Mr.Dheeraj Menaria Mr. Anunay Saraswat	5th SEM Measurement & Metrolgy Dynamics of Machine Sociology & Economics for Engg Automobile Engineering	Course status 4.7 Unit 4.2 Unit 4.8 Unit 4.5 Unit	RemarkNeed 4 lectureNeed 7 lectureNeed 2 lectureNeed 5lecture
FACULTY Mr Sunil Bhatt Mr. Abhishek Sharma Mr.Dheeraj Menaria Mr. Anunay Saraswat Mr. Lokesh	5th SEM Measurement & Metrolgy Dynamics of Machine Sociology & Economics for Engg Automobile Engineering Quality Assurance &	Course status 4.7 Unit 4.2 Unit 4.8 Unit 4.5 Unit	RemarkNeed 4 lectureNeed 7 lectureNeed 2 lectureNeed 5lectureNeed 3 lecture

Mr. Umesh			
Jat	Heat Transfer	4.5 unit	Need 5 lecture
FACULTY	7th SEM	Course status	Remark
Mr. Ayush			
Bansal	Operation Management	5 unit	
Mr. Lokesh	CNC Machines &		
Malviya	Programming	5 unit	
Mr.Raspal			Need 3 lecture
Singh	Turbomachine	4.8 unit	
Mr. Rajesh			Need 5 lecture
Patel	Operation Research	4.5 unit	
Mr. Umesh	Refrigeration & Air		
Jat	Conditioning	5 unit	
Mr.Anoo			
Dadhich	Finite element Methods	5 unit	

## 2. Extra class:

## For WEAK STUDENT:

Identify weak student by the coordinator from current semester midterm results and student having low attendance .Special doubt class for Numerical subject are planed and also for weak students special revision classes are planed

## 3. Remedial classes for weak and Backlog appearing students.

Following subject classes are arranged:-

FACULTY	3rd SEM		
Dr Payaj Jain	Advanced Engineering Mathematics		
Mr. Ayush Bansal	Engineering Thermodynamics		
Mr. Rahul Ojha	Mechanics of Solids		
	5th SEM		
Mr. Abhishek Sharma	Dynamics of Machine		
Mr. Umesh Jat	Heat Transfer		
	7th SEM		
Mr.Raspal Singh	Turbomachine		
Mr. Rajesh Patel	Operation Research		
Mr. Umesh Jat	Refrigeration & Air Conditioning		

## 4. Practical examination schedule

For conducting practical exam on time schedule was to created by the coordinator Faculty must prepare for below points:

- 1. Question papers for practical examination
- 2. MCQ questions
- 3. Viva Questions

- 4. Checking all the apparatus and ensuring their fine working
- 5. Gate classes for 4<sup>th</sup> Year student after RTU exam should be held Faculty coordinates for Gate classes-

Abhishek Sharma	Design Subject
Mr.Raspal Singh	Thermal Subject
Mr. Umesh Jat	Production Subject
Mr.Anoo Dadhich	Other

## 6. Winter Training for Non Gate students

Winter training classes time table will be made by the coordinator

Semester	Training	Description	
1 <sup>st</sup>	Autocad	AutoCAD is need for every engineering student so more	
		detail training for 1 <sup>st</sup> year student and practice will we	
		done	
3 <sup>rd</sup>	Solidworks	For 2 <sup>nd</sup> year student Assembly and analysis were practice	
		during training on solidworks which will increase their	
		design and product development capabilities	
5 <sup>th</sup>	Ansys / 3D	To analysis the load and various boundary conditions	
	Printing	Ansys training is conducted.	
		To make understand Rapid Prototyping which were need	
		of the hour 3 D printing training will be conducted	
7 <sup>th</sup>	QA / Verbal	To make placement ready student should have good	
	Ability	Aptitude and Verbal Ability	

7. Faculty need to make training course file and student record sheet for the training.

## 8. Industrial visit

To enhance the industrial knowledge student industries visit are planned for students after semester exam.

For industry visit Mr. Lokesh Malviya and Mr Sunil Bhatt were assigning to coordinate with various local and outside Udaipur visit after RTU exam.

# Techno India NJR Institute of Technology <u>Minutes of Dept. Meeting</u>

Venue–ME DEPT.Day–20/06/2016Time–3:00 PM – 4:00 PMThe following faculty & staff members were present in the Meeting:-

Dr Pankaj K Porwal	Mr. Anunay Saraswat	Mr. Rahul Ojha
Dr Payaj Jain	Mr. Ayush Bansal	Mr. Rajesh Patel
Mr Deepesh Dadheech	Mr. Jaideep Ameta	Mr. Rajesh Patidar
Mr Sunil Bhatt	Mr. Lokesh Malviya	Mr. Umesh Jat
Mr. Abhishek Sharma	Mr. Pankaj Ameta	Mr.Anoo Dadhich
Mr.Dheeraj Menaria	Mr.Raspal Singh	

Department meeting held on 20/06/2016 in Mechanical Department ended with discussion on various following issues.

1. Subject distribution for the academic year of 2016-17(July-Dec)

Based on faculties' expertise, subjects and labs have been assigned to all faculties.

FACULTY	3rd SEM	5th SEM	7th SEM
	Advanced Engineering		
Dr Payaj Jain	Mathematics		
		Measurement &	
Mr Sunil Bhatt		Metrolgy	
Mr. Abhishek		Dynamics of	
Sharma		Machine	
		Sociology &	
Mr.Dheeraj		Economics for	
Menaria		Engg	
Mr. Anunay		Automobile	
Saraswat		Engineering	
	Engineering		Operation
Mr. Ayush Bansal	Thermodynamics		Management
Mr. Jaideep			
Ameta	Manufacturing Practices		
Mr. Lokesh		Quality Assurance	CNC Machines &
Malviya		& Reliabilty	Programming
	Object Oriented		
Mr. Pankaj Ameta	Programming in C <sup>++</sup>		
Mr.Raspal Singh			Turbomachine
Mr. Rahul Ojha	Mechanics of Solids		
¥	Material Science		Operation
Mr. Rajesh Patel	Engineering		Research
			Refrigeration &
Mr. Umesh Jat		Heat Transfer	Air Conditioning
			Finite element
Mr.Anoo Dadhich			Methods

## 2. Departmental Time Table duties are assigned to coordinator

## 3. Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-COURSE FILE -**Syllabus** Lecture plan (In a column target date or date of teaching can be included) Notes Assignments Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams List of important questions, provided to students Solution of last year RTU question paper Any other relevant material LAB MANUAL -**Syllabus** Notes regarding theoretical concepts involved for conducting lab Lab Manual 20-30 Viva questions of each experiment Practical importance of results obtained from the experiments Practical score sheet

 Other documents to be attached in course file during the semester: Midterm exam paper Midterm exam paper solution Best student answer book (photocopy) Copy of results of mid semester exams Industry Application Related Material and GATE questions

## 5. Lab :

Faculty has to perform all the practical before starting of semester and check for all the requirements and correction of any instrument if any .

Lab manual and Lab score sheet

## 6. Additional Skill:

Following labs are added to time table for making student industry ready AutoCAD for 2<sup>nd</sup> Year Student SolidWorks for 3<sup>rd</sup> Year students Ansys for 4<sup>th</sup> Year students