

**Minutes of DUPC-DPPC held on 10 Dec 2015**

Present: Dr Satyam Sahay , J.Y.Choudhary, Dr P.R.Khangaonkar ( Special Invitee),  
Dr.S.P.Butee, Dr.R.K.Goyal, K.Kambale, S.U.Dangrikar, Dr.N.B.Dhokey

Absent: Dr.S.T.Vagge, Dr.M.J Rathod, Dr.G.K.Dey, Prof.V.S.Raja

Chairman of DUPC-DPPC welcomed the members and invited suggestion and discussion on following points-

**1. Confirmation of Minutes of previous meeting**

*As the previous minutes of DPUC was not made available by the former Chairman due to his absentia, hence it could not be confirmed.*

**2. Approval to S.Y. B.Tech. curriculum to be offered in 2016-2017**

*The forum has unanimously approved the curriculum of Second year Metallurgy to be offered in the academic year 2016-2017. However, some technical points were raised about the clarity on proposed degree Minor, Honors and distinction awarded in regular B.Tech. degree. The forum supported the concept of Minor degree as it would develop multidisciplinary capability in students. It would also help them in campus placement as well as actual job. However, members requested clarification from senate on co-existence of distinction in regular degree and proposed Honors degree, bit confusing to external person or Indian industry per se.*

**3. Nomenclature of existing PG specialization**

*There are two PG specialization viz. Process Metallurgy ( 1987) and Physical Metallurgy ( 1954) offered by the dept. It is noted that conventionally metallurgy still taught at UG and PG ( process Metallurgy) and it will remain unchanged. However, due to changing scenario in academic institutes worldwide, use of materials for more demanding application in Industries and increasing opportunity of R and D in materials sector, the need for orienting curriculum was aroused to suit the present and future needs of the country. After considering scope and opportunity for the PG students, it was unanimously agreed to propose nomenclature change from existing **Physical Metallurgy** specialization to **Materials Engineering**.*

#### 4. Result analysis of winter exam 2015

##### 4.1 Summary of results of UG and PG exams

*It was briefed that the marks awarded in theory, practical, seminar, UG project-stage I, PG seminar-I and PG project stage-I were moderated prior to DUPC. All dept subjects results were presented in tabulated form, however, two subjects marks viz Structure and Properties of Material (SPM) offered at S.Y. B.Tech and Laser Material Processing offered at Final year could not be included due to nonavailability of MIS mark sheet. ( summary in Annexure A).*

##### 4.2 Moderation of question papers

*The question papers of winter ESE exam were analyzed whether the papers covers entire syllabus or not. This exercise was done only for UG program. It was noted that some courses viz. Geology and Ore Dressing (GOD), Extractive Metallurgy(EM) and Electronic and Magnetic Materials (EMM) have missed one or two units of syllabus, however, Corrosion and Surface protection of materials (CSPM) course had covered only Two units out of Five units!. The committee has taken serious note of negligence on part of question papers setters (Summary in Annexure B).*

##### 4.3 Gap analysis on oral assessment

*As part of quality control initiative by the dept was undertaken to understand the technical gaps between practicals proposed in syllabus and that what has been implemented in real practice during academic session(winter ) 2015 in three subjects viz Physical Metallurgy, Extractive Metallurgy and Structure and Properties of Materials. Dr.S.P.Butee, Dr.M.J.Rathod and Dr.N.B.Dhokey had volunteered to spend two days for the said oral examination. Based on the analysis, the corrective action plan was made and informed to the concerned subject incharge for improvement.*

The external members invited for the program committee have appreciated significant efforts taken by the department for implementing quality control measures.

The meeting ended with vote of Thanks.

On behalf of Program Committee

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Dr.N.B.Dhokey

Chairman

E-Copy: 1. Director, 2. Dean ( Acad), 3. Dean (QA), 4. Dy Director , 5. Exam Cell.  
6. ALL Meta Dept faculty.

# DEPT. OF METALLURGY & MATERIAL SCIENCE

## ANNEXURE -A

### SUMMARY OF RESULTS- WINTER EXAM 2015

Class	Theory/ Practical's	Subject	Minimum Passing marks	Maximum marks	No of students detained	Total students appeared	No. of students Failed	Passing %
SECOND YEAR B.TECH.	T	PPM	35	87	2	86	8+12*	76.74
	P	PPM	35	88	2	71	2+7*	87.32
	T	SPM						
	P	SPM						
	T	GOD	35	85	2	94	9	90.42
	P	GOD	35	82	----	83	0	100
THIRD YEAR B.TECH.	T	TP	30	83	1	75	14	81.33
	L	TP	40	90	1	71	0	100
	T	EM	35	93	0	73	5	93.31
	P	EM	38	94	0	73	8	89.04
	T	MCAM	35	82	1	71	2	97.18
	T	PAC	31	83	2	80	7	91.25
	P	PAC	41	95	1	75	2	97.33
FINAL YEAR B.TECH.	T	IM	35	84	1	77	8	90.12
	T	DSM	40	90	0	76	6	92.10
	T	CSP	26	79	---	71	3	95.77
	P	CSP	35	87	---	71	0	100
	T	EMM	47	79	---	72	15	79.16
	T	NMNT	38	84	0	25	3	88
	T	PM	40	91	0	23	1	95.65
	T	LM						
FIRST YEAR M.TECH. PHYSICAL	T	SMP(ILOE)	40	85	---	78	0	100
		Project-I	50	90		68	0	100
	T	MM	30	82	---	15	0	100
	T	PT	35	80	---	15	1	93.33
	T	CE	39	73	0	15	0	100
	T	CMS	40	77	--	10	1	90
	T	TPS	35	70	--	5	5	100
FIRST YEAR M.TECH. PROCESS	P	LP-I	40	75	---	15	0	100
	T	HMT	32	79	---	15	0	100
	T	AISM	37	73	---	15	1	93.33
	T	CMS	40	74	---	15	4	73.33
	T	SPMJ	35	72	---	15	0	100
	P	LP-II	40	68	---	15	2	86.66
Phy&Pro		Seminar-I	40	81	---	29	09	69
Phy &Pro		Project-I	36	88	---	36	01	97

\* Backlog Students

# DEPT. OF METALLURGY & MATERIAL SCIENCE

## ANNEXURE - B

### QUESTION PAPER MODERATION FOR THE WINTER ESE EXAM 2015

Class	Subject	Coverage in ESE		Weightage given to Problems	REMARKS
		Covered	Not Covered		
SECOND YEAR B.TECH.	PPM	All Units	---	17 %	----
	SPM	All Units	---	17 %	----
	GOD	Unit 1, Unit 3-6	Unit 2	Not Included	Que 6 out of Syllabus
	MST (Prod)	All Units		Not Included	----
THIRD YEAR B.TECH.	TP	All Units	---	100%	Syllabus consist of only 5 Units. Unit 4 and 5 made compulsory
	EM	Unit 1- 5	Unit 6	8 %	----
	MCAM	Unit 1-2	---	Not Included	Syllabus consist of only 2 Units
	PAC	All Units	---	20 %	----
	IM	All Units		16 %	Two Question Paper set 45 M Descriptive Q. Paper and 15 M Objective Q. Paper
FINAL YEAR B.TECH.	DSM	All Units	---	17 %	----
	CSPM	Unit 1-2	Unit 3, 4,5	18 %	Syllabus consist of only 5 Units
	EMM	Unit 1-3, Unit 6	Unit 4-5	30 %	----
	NMN	All Units	----	17 %	----
	PM	All Units	----	10 %	Syllabus consist of only 5 Units
	LMP	All units		20 %	Syllabus consist of only 5 Units
	CE	All Units	----	17 %	Syllabus consist of only 5 Units
	SMP (ILOE)	All Units	----	37 %	----