



Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

Attainment Calculation Methodology with Sample Calculation

📍: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA

☎: +91-141-5160400, 2752165, 2759609 | 📠 : 0141-2759555

✉: info@skit.ac.in | 🌐: www.skit.ac.in



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CO Attainment (Sample-B.Tech. ME, Batch: 2014-2018)

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Swami Keshvanand Institute of Technology, Management & Gramathan
 Department of Mechanical Engineering
 CO attainment Report
 VIII-Semester, 2017-18 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	8ME1A	Computer Integrated Manufacturing Systems	2.2	3	2.2
2	8ME2A	Laws for Engineers	2.2	1.8	2.2
3	8ME3A	Power Generation	2.2	2.8	2.2
4	8ME4.1A	Product Development and Launching	2.2	2.6	2.2
5	8ME5A	CAM Lab	3	3	3
6	8ME6A	CAD Lab	3	3	3
7	8ME7A	Industrial Engineering Lab - II	3	3	3
8	8MEPR	Project-II (Depending upon nature of project)	3	3	3
9	8MESM	Seminar (Participating and presenting)	3	3	3
10	8MEDC	Discipline & Extra Curricular Activity	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment: Calculation sheet of CO attainment from TR

Remarks:

* Laws for engineers faculty was tasked & advised to provide notes and library assignment to students.

MS
 (Member, DPA&IC)
 (Secretary, DPA&IC)

Daraj Doh...
 (Member, DPA&IC)

Dr. Ashish Nayyar
 (member, DPA&IC)

Swami Keshvanand Institute of Technology, Management & Gramothan
 Department of Mechanical Engineering
 CO attainment Report
 VI-Semester, 2016-17 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	6ME1A	Design of Machine Elements - II	2.2	<u>1.4</u> ? -	2.2
2	6ME2A	Newer Machining Methods	2.2	3	2.2
3	6ME3A	Mechatronics	2.2	3	2.2
4	6ME4A	Vibration Engineering	2.2	2.2	2.2
5	6ME5A	Steam Engineering	2.2	<u>1.4</u> ? -	2.2
6	6ME6.1A	Non Destructive Evaluation and Testing	2.2	3	2.2
7	6ME7A	Machine Design Sessional -II	3	3	3
8	6ME8A	Industrial Engineering Lab-I	3	3	3
9	6ME9A	Mechatronics Lab	3	3	3
10	6ME10A	Vibration Engineering Lab	3	3	3
11	6MEDC	Discipline & Extra Curricular Activity	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment : Calculation sheet of CO attainment from TR

Remarks:

Smoly
29/08/18

- faculty members taking course 6ME1A & 6ME5A need to meet Head for discussing reasons of low AL.

~~DPABIC~~
29/8/18
By Head
DPABIC, (Secretary)

Muz

Concerned coordinators at S.N. 1 and 5 to be intimated for the improvement.
 coordinators to sign
P. Prasad

Swami Keshvanand Institute of Technology, Management & Gramothan

Department of Mechanical Engineering

CO attainment Report

V-Semester, 2016-17 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	5ME1A	Heat Transfer	2.2	<u>0.6</u>	2.2
2	5ME2A	Dynamics of Machines	2.2	2.2	2.2
3	5ME3A	Measurement & Metrology	2.2	3	2.2
4	5ME4A	Quality Assurance and Reliability	2.2	2.2	2.2
5	5ME5A	Sociology and Economics for Engineers	2.2	2.2	2.2
6	5ME6.2A	Automobile Engg.	2.2	2.2	2.2
7	5ME7A	Heat Transfer Lab	3	3	3
8	5ME8A	Dynamics of Machines Lab	3	3	3
9	5ME9A	Production Engineering Lab	3	3	3
10	5ME10A	Professional Ethics and Disaster Management	3	3	3
11	5MEDC	Discipline & Extra Curricular Activity	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment: Calculation sheet of CO attainment from TR

Remarks:

Smoly
15/4/17

- * AL seems okay as per target except for Heat Transfer course.
- * concerned course faculty members need to meet Head of Deptt. for necessary needful.

Dr. J. S. ...

na

Aditya

Swami Keshvanand Institute of Technology, Management & Gramothan
 Department of Mechanical Engineering
 CO attainment Report
 VII-Semester, 2017-18 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	7ME1A	Finite Element Methods	2.2	2.2	2.2
2	7ME2A	Refrigeration & Air-conditioning	2.2	2.2	2.2
3	7ME3A	Operations Research	2.2	2.2	2.2
4	7ME4A	Turbomachines	2.2	0.6*	2.2
5	7ME5A	Operations Management	2.2	2.2	2.2
6	7ME6.3A	CNC Machines and Programming	2.2	3	2.2
7	7ME7A	Thermal Engineering Lab-II	3	3	3
8	7ME8A	FEM Lab	3	3	3
9	7METR	Practical Training & Industrial visit	3	3	3
10	7MEPR	Project-1 (Depending upon nature of project)	3	3	3
11	7MEDC	Discipline & Extra Curricular Activity	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment : Calculation sheet of CO attainment from TR

Remarks:

Handwritten signature
14/3/18

seen,

- Faculty concerned with 7ME⁴A course need to meet Head/Dy. Head for this low AL.
- Forwarded to Head for further comments, if any.

Handwritten signature
14/3/18

Dy. Head,
Secretary, DPABIC.

Handwritten signature
(Member, DPABIC)

1. As per above.
2. Coordinator and subject taking Faculty for 7ME4A 'Turbo machines' to note and try hard for the improvement.
3. Take their signature here.

Handwritten signature

Swami Keshvanand Institute of Technology, Management & Gramathan

Department of Mechanical Engineering

CO attainment Report

IV-Semester, 2015-16 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	4ME1A	Kinematics of Machines	2.2	1.4 ^x	2.2
2	4ME2A	Fluid Mechanics & Machines	2.2	2.2	2.2
3	4ME3A	Machining & Machine Tools	2.2	3	2.2
4	4ME4A	Design of Machine Elements - I	2.2	2.2	2.2
5	4ME5A	Industrial Engineering	2.2	3	2.2
6	4ME6A	I.C. Engines	2.2	1.4 ^x	2.2
7	4ME7A	Kinematics of Machine Lab	3	3	3
8	4ME8A	Fluid Mechanics Lab	3	3	3
9	4ME9A	Production Practice-II	3	3	3
10	4ME10A	Machine Design Sessional - I	3	3	3
11	4ME11A	Thermal Engineering Lab-I	3	3	3
12	4MEDC	Discipline & Extra Curricular Activity	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment: Calculation sheet of CO attainment from TR

Remarks:

DPAQIC may look into courses marked as (x) where AL is low. Faculty members concerned may be informed and steps suggested to improve AL

Secretary DPAQIC


MA

Admin

MB

Endy
 22/12/16

Swami Keshvanand Institute of Technology, Management & Gramothan
 Department of Mechanical Engineering
 CO attainment Report
 III-Semester, 2015-16 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	3ME1A	Mechanics of Solids-I	2.2	0.6 *	2.2
2	3ME2A	Material Science and Engineering	2.2	2.2	2.2
3	3ME3A	Engineering Thermodynamics	2.2	0.6 *	2.2
4	3ME4A	Manufacturing Processes	2.2	2.2	2.2
5	3ME5A	Object Oriented Programming in C ++	2.2	1.4 *	2.2
6	3ME6A	Advanced Engineering Mathematics	2.2	0.4 *	2.2
7	3ME7A	Material Science and Testing Lab	3	3	3
8	3ME8A	Basic Mechanical Engineering Lab	3	3	3
9	3ME9A	Production Practice - I	3	3	3
10	3ME10A	Computer Programming Lab	3	3	3
11	3ME11A	Mechanical Engineering Drawing	3	3	3
12	3MEDC	Discipline & Extra Curricular Activity	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment: Calculation sheet of CO attainment from TR

Remarks:

Sandy
17/06/16

DPAQIC may look into low CO Attainment level in the courses marked as (*), Faculty concerned may be informed also and steps suggested to them to improve it.

- Secretary DPAQIC *[Signature]*
- A talk has been made with faculty members administering following courses: 3ME1A, 3ME3A, 3ME4A, 3ME6A.
 - Some of them have reported issues in RTU paper.
 - The mechanism to improve these results will be put as an agenda item in general deptt. meeting.
- [Signature]* Member, (DPAQIC) *[Signature]* Member, (DPAQIC)

Swami Keshvanand Institute of Technology, Management & Gramothan
 Department of Mechanical Engineering
 CO attainment Report
 II-Semester, 2014-15 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	201	Communication Techniques	2.2	3	2.2
2	202	Engineering Mathematics-II	2.2	1.2 ^a	2.2
3	203	Engineering physics- II	2.2	2	2.2
4	204	Chemistry & Environmental Engineering	2.2	3	2.2
5	205	Engineering Mechanics	2.2	2.2	2.2
6	206	Fundamentals of Computer Programming	2.2	0.4 ^a	2.2
7	207	Engineering Physics Lab-II	3	3	3
8	208	Chemistry & Env Engineering Lab	3	3	3
9	209	Computer programming lab	3	3	3
10	210	Machine Drawing	3	3	3
11	211	Communication Technique Lab	3	3	3
12	212	Discipline & Extra Curricular Activities	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment: Calculation sheet of CO attainment from TR

Remarks:

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2/11/15

Information about AL may be sent to HOD of I year; Attention may be drawn to low AL in courses as marked as (a)

Secretary DPAQIC

Seen
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(Member of Kt-Scin)

Swami Keshvanand Institute of Technology, Management & Gramothan
 Department of Mechanical Engineering
 CO attainment Report
 I-Semester, 2014-15 (Batch 2014-18)

S. No.	Code	Courses	Target CO AL	Achieved CO Attainment Levels	Target CO AL for Next Year
1	101	Communicative English	2.2	3	2.2
2	102	Engineering Mathematics-I	2.2	0.4 [*]	2.2
3	103	Engineering Physics-I	2.2	3	2.2
4	104	Engineering Chemistry	2.2	3	2.2
5	105	Basic Electrical & Electronics Engineering	2.2	0.6 [*]	2.2
6	106	Engineering Physics Lab-I	3	3	3
7	107	Engineering Chemistry Lab	3	3	3
8	108	Electrical & Electronics Lab	3	3	3
9	109	Practical Geometry	3	3	3
10	110	Workshop Practice	3	3	3
11	111	Discipline & Extra Curricular Activities	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

Attachment : Calculation sheet of CO attainment from TR

Remarks:

Sandy
13/5/15

Courses marked () have very low AL.
 Concerned faculty have to be informed.*

[Signature]
Secretary, DPABLC.

MSZ

Ashw

NB



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CO Attainment with Student Sheet (Sample-B.Tech. ME, Batch: 2016-20)

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Swami Keshvanand Institute of Technology, Management & Gramothan
Department of Mechanical Engineering
CO attainment Report
VIII-Semester, 2019-20 (Batch 2016-20)

S. No.	Code	Courses	Year 17-18 Batch 14-18		Year 18-19 Batch 15-19		Year 19-20 Batch 16-20		Year 20-21 Batch 17-21
			Target	Achieved	Target	Achieved	Target	Achieved	Target for Next Year
1	8ME1A	Computer Integrated Manufacturing Systems	2.2	3	2.2	3	2.3	3	2.4
2	8ME2A	Laws for Engineers	2.2	1.8	2.2	3	2.2	3	2.2
3	8ME3A	Power Generation	2.2	2.8	2.2	3	2.2	3	2.3
4	8ME4.1A	Product Development and Launching	2.2	2.6	2.2	3	2.2	3	2.3
5	8ME5A	CAM Lab	3	3	3	1	3	3	3
6	8ME6A	CAD Lab	3	3	3	1	3	3	3
7	8ME7A	Industrial Engineering Lab - II	3	3	3	1	3	3	3
8	8MEPR	Project-II (Depending upon nature of project)	3	3	3	1	3	3	3
9	8MESM	Seminar (Participating and presenting)	3	3	3	3	3	3	3
10	8MEDC	Discipline & Extra Curricular Activity	3	3	3	3	3	3	3

The calculation of attainment levels has been done as per procedure SKIT/DME/052.

The target for the next year has been set as per procedure SKIT/DME/053.

Attachment: Calculation sheet of CO attainment from TR

Remarks:

- * As evident, the targets of the courses of VIII semester, 2019-20 have been achieved.
- Faculty members were advised to keep this trend and strive for further improvement in our teaching-learning process.

Dheeraj Doshi
(Dr. Dheeraj Doshi)
Chairman, DPABIC

Mujin
(Member, DPABIC)

54	16ESKME054	DEEPIKA SHARMA	49	20	69	49	20	69	54	20	74	50	20	70	282	26	34	60	28	47	75	23	41	64	38	54	92	70	102	172	50	513	795	PASS	
55	16ESKME055	DEVANSHU MATHUR	50	20	70	50	20	70	65	20	85	57	20	77	302	27	39	66	33	48	81	26	43	69	34	49	83	68	101	169	50	516	820	PASS	
56	16ESKME056	DINESH PRADHAN	35	19	54	45	18	63	49	17	66	47	15	62	245	25	34	59	23	41	64	15	36	51	28	42	70	62	100	162	45	451	696	PASS	
57	16ESKME057																																		
58	16ESKME058	DIVYA PRATAP S SHAKT	50	19	69	52	20	72	54	19	73	34	18	52	266	25	34	59	25	47	72	26	36	62	28	44	72	61	77	138	48	451	717	PASS	
59	16ESKME059	DIVYANSH GAUR	42	20	62	55	20	75	60	20	80	50	20	70	287	27	36	63	35	45	80	26	36	62	36	46	82	70	100	170	47	504	791	PASS	
60	16ESKME060	GAGAN MATHUR	55	20	75	47	20	67	52	20	72	55	20	75	289	26	32	58	29	50	79	28	34	62	36	54	69	106	175	50	514	803	PASS		
61	16ESKME061																																		
62	16ESKME062	GAURAV CHAUDHARY	47	20	67	47	20	67	42	20	62	59	20	79	235	27	41	68	36	57	93	23	41	64	30	51	81	68	107	175	50	531	806	PASS	
63	16ESKME063	GAURAV J BEDI	52	19	71	35	20	55	34	20	74	55	19	74	274	25	38	63	36	47	83	26	34	60	34	51	85	74	103	177	48	516	790	PASS	
64	16ESKME064	GAURAV SINGH JADAUN	35	18	53	32	18	50	30	17	47	30	18	48	198	25	30	55	30	44	74	18	33	51	32	47	79	66	100	166	45	470	668	PASS	
65	16ESKME065	GAURAV SONI	34	18	52	20	18	38	42	17	59	40	17	57	206	26	32	58	26	39	65	21	36	57	34	42	76	73	101	174	45	475	681	PASS	
66	16ESKME066	GHANISH YADAV	42	19	61	42	20	62	37	20	57	55	19	74	254	25	41	66	32	42	74	27	39	66	35	52	87	72	107	179	49	521	775	PASS	
67	16ESKME067	HARDIK MEHTA	54	20	74	42	20	77	57	20	77	62	20	82	310	25	41	66	34	46	80	26	34	60	33	51	84	70	103	173	50	533	823	PASS	
68	16ESKME068	HARSHI BAROTA	52	20	72	42	20	72	52	20	72	59	20	79	285	25	41	66	28	50	83	27	34	61	35	52	87	64	100	164	50	507	792	PASS	
69	16ESKME069	HARSHI KUMAR VERMA	52	20	72	54	20	74	50	20	70	50	19	69	285	25	41	66	28	55	79	24	36	60	35	53	88	64	101	165	50	512	792	PASS	
70	16ESKME070	HARSHI TENGURIVA	27	20	47	37	20	57	37	20	57	42	20	62	223	25	30	55	34	57	91	25	34	59	36	53	89	71	97	168	49	511	734	PASS	
71	16ESKME071	HARSHIT KUMAR MALVIY	42	20	62	50	20	70	55	20	75	55	20	75	282	27	34	61	33	53	86	24	36	60	36	51	87	65	102	167	49	510	792	PASS	
72	16ESKME072	HARSHIT SHARMA	27	20	47	40	20	60	57	20	77	52	20	72	256	27	36	63	34	58	92	26	34	60	32	46	78	65	102	167	49	509	765	PASS	
73	16ESKME073	HARSHIT TIWARI	37	20	57	54	20	74	59	20	79	54	20	74	284	26	42	68	36	52	88	24	36	60	34	50	84	74	107	181	50	531	815	PASS	
74	16ESKME074																																		
75	16ESKME075	HIMANSHU CHOUDHARY	30	20	50	47	19	66	45	18	63	50	17	67	246	28	39	67	26	46	72	21	36	57	28	42	70	73	98	171	50	487	733	PASS	
76	16ESKME076	JAYESH CHHABRA	55	20	75	47	19	66	59	20	79	64	20	84	304	26	41	67	35	51	86	25	34	59	34	52	86	74	99	173	50	521	825	PASS	
77	16ESKME077	JAYESH MALVIYA	39	20	59	54	18	72	69	20	80	57	20	77	288	24	41	65	31	49	80	19	34	53	36	54	90	72	100	172	50	510	798	PASS	
78	16ESKME078	K VARDHRAJAN	44	20	64	45	20	65	39	20	59	52	20	72	280	27	42	69	33	59	92	25	41	66	37	57	84	72	107	179	50	550	810	PASS	
79	16ESKME079	KALPESH SUTHAR	39	20	59	54	16	70	52	20	72	52	18	70	271	29	32	61	32	51	83	25	33	58	30	50	80	65	99	164	50	496	767	PASS	
80	16ESKME080	KAVITOSH SHARMA	57	18	75	52	20	72	47	20	67	54	20	74	288	26	41	67	29	57	86	25	39	64	33	53	86	70	99	169	50	522	810	PASS	
81	16ESKME081																																		
82	16ESKME082	KUNAL ADVANI	32	20	52	37	18	55	45	20	65	45	19	64	236	24	41	65	31	42	73	26	39	65	37	55	92	72	104	176	50	521	757	PASS	
83	16ESKME083	KUNAL VERMA	37	20	57	50	16	66	60	20	80	32	20	52	255	25	41	66	27	51	78	26	37	63	32	48	80	62	105	167	50	504	759	PASS	
84	16ESKME084	LAKSHYA KHANDELWAL	59	20	79	60	20	80	47	20	67	50	20	70	296	26	42	68	31	56	87	26	36	62	33	51	84	72	102	174	50	525	821	PASS	
85	16ESKME085	LAKSHYA KUMAR KALOUS	27	20	47	35	19	54	50	20	70	49	20	69	240	23	41	64	29	53	82	20	40	60	37	56	93	62	103	165	50	514	754	PASS	
86	16ESKME086	LAKSHYA SHARMA	39	19	58	59	18	77	62	20	82	55	16	71	288	24	40	64	29	50	79	26	36	62	32	45	77	65	91	156	49	487	775	PASS	
87	16ESKME087	LAVISH JAIN	40	20	60	60	52	20	72	67	20	80	20	80	299	25	42	67	32	46	78	27	39	66	34	50	84	72	108	180	50	525	824	PASS	
88	16ESKME088	LOKESH KUMAR JAT	34	19	53	44	20	64	69	19	88	44	19	63	268	25	41	66	35	51	86	24	34	58	34	51	85	68	103	171	49	515	783	PASS	
89	16ESKME089	MAHIPAL CHOUDHARY	40	20	60	39	19	58	64	20	84	60	20	80	282	25	40	65	34	46	80	28	39	67	33	49	82	74	96	170	50	514	796	PASS	
90	16ESKME090	MANISH CHAUHAN	37	20	57	47	19	66	44	18	62	45	20	65	250	24	42	66	33	52	85	21	38	59	35	49	84	65	101	166	50	510	760	PASS	
91	16ESKME091																																		
92	16ESKME092	MAYANK GUPTA	55	20	75	34	17	51	49	20	69	44	20	64	259	23	40	63	28	45	73	24	36	60	34	50	84	72	104	176	50	506	765	PASS	
93	16ESKME093	MAYANK VPAS	32	20	52	49	19	68	47	18	65	49	20	69	254	26	39	65	38	52	90	26	40	66	36	53	89	59	105	164	50	524	778	PASS	
94	16ESKME094	MID SHAHID	44	20	64	52	20	72	49	19	68	49	17	66	270	25	41	66	33	48	81	21	38	59	32	46	78	60	104	164	50	498	768	PASS	
95	16ESKME095	MID WASIF ZAFAR ANSAR	60	20	80	49	20	69	55	20	75	59	18	77	301	24	41	65	29	51	80	25	38	63	33	49	82	62	99	161	50	501	802	PASS	
96	16ESKME096	MOHAK SWARNIKAR	27	18	45	45	15	60	30	16	46	54	17	71	222	24	39	63	25	48	73	21	38	59	33	50	83	66	100	166	48	492	714	PASS	
97	16ESKME097																																		
98	16ESKME098	MOHD ROMAN	37	19	56	62	20	82	57	18	75	57	19	76	289	24	40	64	27	53	80	27	42	69	31	45	76	60	98	158	48	495	784	PASS	
99	16ESKME099	MOHD ZAHID ANSARI	44	20	64	42	20	62	69	20	89	62	20	82	297	24	41	65	29	48	77	27	37	64	32	48	80	61	105	166	45	497	794	PASS	
100	16ESKME100	MOHIT KUMAR PAREEK	35	17	52	50	17	67	64	20	84	40	17	57	260	24	39	63	27	47	74	24	37	61	32	48	80	65	92	157	50	495	745	PASS	
101	16ESKME101																																		
102	16ESKME102	MOHIT SINGH	30	17	47	30	18	48	55	19	74	42	17	59	228	23	34	57	25	50	75	24	30	54	32	45	77	64	99	163	48	474	702	PASS	
103	16ESKME103	MOHIT SUNDIA	32	18	50	34	18	52	47	20	67	35	19	54	223	26																			

112	16ESKME112	NIKUNJ AGARWAL	27	20	47	52	20	72	54	20	74	50	20	70	263	22	39	61	27	53	80	26	39	65	28	45	73	67	91	158	49	486	749	PASS	
113	16ESKME113	NIMMIT GUPTA	40	20	60	39	18	57	64	20	84	47	19	66	267	24	38	62	31	49	80	27	38	62	34	51	85	69	106	175	49	516	783	PASS	
114	16ESKME114	NISHANT ARUN SHARMA	45	20	65	55	19	74	47	20	67	57	20	77	283	25	41	66	29	51	80	24	38	62	36	49	87	51	168	50	511	794	PASS		
115	16ESKME115	NITIN KASHYAP	35	20	55	64	18	82	42	20	62	49	19	68	267	23	38	61	31	51	82	23	36	59	35	52	85	71	95	166	49	504	771	PASS	
116	16ESKME116	PAIKAL KASHYAP	60	20	80	57	20	77	39	18	57	45	20	69	283	26	39	65	31	51	85	25	36	61	34	48	82	60	105	153	50	505	788	PASS	
117	16ESKME117	PARTH SINGHAL	44	17	61	44	17	61	54	16	70	62	16	78	270	24	39	63	29	49	78	24	35	59	30	46	76	63	91	154	49	499	749	PASS	
118	16ESKME118	PAWAN SAINI	45	17	62	39	18	57	54	20	60	59	18	77	256	26	40	66	31	51	82	23	33	56	34	51	85	72	96	168	49	506	762	PASS	
119	16ESKME119																																		
120	16ESKME120																																		
121	16ESKME121	PRAGEET SHARMA	35	20	55	17	18	35	59	19	78	35	16	51	219	21	40	61	27	47	74	26	38	64	31	48	79	62	95	157	49	484	703	PASS	
122	16ESKME122	PRAKHAR JAIN	40	19	59	42	17	59	42	18	60	50	16	66	244	23	42	65	29	54	83	26	36	62	32	45	77	68	108	176	50	513	757	PASS	
123	16ESKME123	PRANAV SHUKLA	59	19	78	37	18	55	39	19	58	42	14	56	247	23	40	63	31	51	82	19	35	54	32	45	77	62	101	163	50	489	736	PASS	
124	16ESKME124	PRANAV SHARMA	45	20	65	65	20	85	62	20	82	59	20	79	311	26	40	66	27	56	83	27	38	65	31	47	78	61	104	165	50	507	818	PASS	
125	16ESKME125	PRASHANT AGRAWAL	39	20	58	49	18	67	40	20	60	54	17	71	257	24	42	66	35	48	83	24	38	62	32	49	81	68	108	176	50	518	775	PASS	
126	16ESKME126	PRASHANT GUPTA	45	18	63	57	19	76	50	20	70	55	20	55	264	24	42	64	29	46	75	26	39	63	34	51	85	68	101	169	50	508	772	PASS	
127	16ESKME127	PRATEEK CHOUDHARY	60	20	80	54	20	74	62	20	82	57	20	77	313	27	43	70	29	59	88	26	39	65	32	50	82	74	105	179	50	533	846	PASS	
128	16ESKME128	PRATEEK JAIN	57	19	76	54	20	74	42	19	61	54	16	70	281	25	42	67	35	51	86	25	39	64	34	48	82	62	103	165	50	514	795	PASS	
129	16ESKME129	PRATEEK SHARMA	54	20	74	54	18	72	62	20	80	47	19	66	282	24	41	65	31	52	83	24	39	63	30	47	77	65	97	162	50	500	782	PASS	
130	16ESKME130	PRATIK KUMAR	45	17	62	57	20	77	60	20	80	52	16	68	287	26	41	67	31	53	84	21	40	61	32	46	78	62	97	159	50	499	786	PASS	
131	16ESKME131	PRITAM MANNA	52	20	72	40	18	58	54	20	74	54	17	71	275	25	42	67	27	46	73	24	36	60	34	52	86	70	103	173	50	509	784	PASS	
132	16ESKME132	PRYANSHU	59	20	79	50	20	70	44	20	64	60	17	77	290	26	43	69	32	51	83	26	41	67	34	51	85	68	106	174	50	528	818	PASS	
133	16ESKME133																																		
134	16ESKME134	RAHUL CHOUDHAN	54	20	74	50	20	70	57	20	77	49	20	69	290	27	40	67	29	55	84	27	38	65	32	51	83	60	107	167	50	516	806	PASS	
135	16ESKME135																																		
136	16ESKME136	RAJAT JAIN	27	16	43	27	17	44	49	20	69	32	15	47	203	25	40	65	29	52	81	23	39	62	34	48	82	64	110	174	50	514	717	PASS	
137	16ESKME137	RAJAT KUMAR	45	20	65	42	20	62	37	19	56	49	19	68	251	25	42	67	31	51	82	23	37	60	36	55	91	73	107	180	50	530	781	PASS	
138	16ESKME138	RAJAT PAUDEY	29	17	46	22	18	40	44	20	64	35	18	53	203	23	42	66	34	53	87	28	41	69	35	50	85	62	101	163	45	515	718	PASS	
139	16ESKME139	RAJESH SHARMA	42	18	60	44	19	63	50	20	70	44	20	64	257	23	39	62	29	54	83	20	38	58	30	47	77	61	107	168	50	498	755	PASS	
140	16ESKME140	RAJPAL YADAV	42	19	61	37	18	55	55	20	75	52	18	70	281	25	39	64	27	54	81	23	38	61	33	49	82	60	100	160	49	497	758	PASS	
141	16ESKME141	RAVI RAJ RANJAN	37	17	54	32	19	51	30	19	49	42	17	59	213	21	38	59	27	51	78	22	36	58	30	48	78	60	106	166	45	483	696	PASS	
142	16ESKME142	RIBHU KUMAR VYAS	44	16	60	55	20	75	44	17	61	54	16	70	266	23	38	61	29	53	82	25	33	58	30	48	78	61	107	168	44	492	758	PASS	
143	16ESKME143	RISHABH RAO	42	19	61	49	18	67	57	20	77	65	20	85	290	25	40	65	27	58	85	27	40	67	36	53	89	69	104	173	49	528	818	PASS	
144	16ESKME144																																		
145	16ESKME145	ROHIT SARDHANI	40	20	60	35	20	55	49	20	69	54	20	74	258	23	42	65	32	53	85	25	36	61	36	52	88	74	104	178	49	526	784	PASS	
146	16ESKME146	RONAK AGARWAL	29	20	49	44	19	63	30	20	50	42	19	65	223	26	40	66	35	49	84	25	38	63	34	49	83	61	108	169	50	515	738	PASS	
147	16ESKME147	RONAK PANCHAL	52	20	72	60	20	80	52	20	72	65	20	85	309	29	42	68	29	47	76	25	36	61	34	51	85	72	102	174	50	514	823	PASS	
148	16ESKME148	RUCHIJAISWAL	29	20	49	59	19	78	37	20	57	47	20	67	251	29	41	70	35	50	85	26	39	65	36	52	88	72	102	174	50	532	783	PASS	
149	16ESKME149	RUPESH KUMAR	25	19	44	44	16	60	50	20	70	40	19	59	233	25	42	67	31	50	81	26	40	66	35	50	85	60	91	151	49	499	732	PASS	
150	16ESKME150	SAGAR RATHORE	40	20	60	32	17	49	42	20	62	40	19	59	230	24	42	66	31	52	83	26	36	62	32	47	79	65	107	172	49	511	741	PASS	
151	16ESKME151																																		
152	16ESKME152	SAKET KHANDIYAL	57	18	75	54	17	71	52	20	72	57	20	77	295	24	34	58	37	58	95	28	36	63	34	48	82	70	101	171	49	519	814	PASS	
153	16ESKME153	SANJEEV KUMAR	42	20	62	67	20	87	62	20	82	57	19	76	307	26	43	69	28	46	74	27	41	68	36	52	88	70	100	170	50	519	826	PASS	
154	16ESKME154	SHALENDRA SINGH RAT	55	20	75	57	20	77	45	20	65	64	20	84	301	25	39	64	34	58	92	26	37	63	30	49	79	69	106	175	49	522	823	PASS	
155	16ESKME155	SHER MOHAMMAD	50	19	69	52	19	71	39	20	59	44	18	62	261	27	41	68	34	56	90	24	38	62	28	48	76	64	102	166	49	511	772	PASS	
156	16ESKME156	SHIVANSH OGALIE	72	19	91	44	20	64	60	20	80	62	20	82	317	27	43	70	33	53	90	24	38	62	28	48	76	64	102	166	49	511	772	PASS	
157	16ESKME157	SHUBHAM	37	19	56	52	18	70	44	19	63	47	20	67	256	26	39	65	30	47	77	25	38	63	28	45	73	74	110	184	50	538	855	PASS	
158	16ESKME158	SHUBHAM JAIN	69	19	88	54	19	73	44	20	64	54	19	73	298	26	42	68	31	49	80	27	34	61	34	50	84	68	98	166	49	491	747	PASS	
159	16ESKME159	SHUBHAM KAR	44	20	64	69	20	89	70	20	90	60	20	80	323	26	36	62	32	54	86	26	39	65	32	47	79	63	101	164	50	506	829	PASS	
160	16ESKME160	SHUBHAM RATHORE	49	20	69	69	20	89	70	20	90	49	20	69	317	29	41	70	28	55	83	24	38	62	30	52	82	67	108	175	50	522	839	PASS	

170	16ESKME170	TANMAY SHARMA	44	18	62	55	20	75	47	20	67	57	20	77	281	26	36	62	32	44	76	26	40	66	34	50	84	65	103	168	45	501	782		
171	16ESKME171	TRIPATI SINGH	45	18	63	45	20	65	37	20	57	55	20	75	260	26	41	67	31	46	71	27	39	66	32	48	80	68	100	168	45	503	763		
172	16ESKME172	TUSHAR MANGHANANI	59	19	78	52	17	69	47	13	60	52	14	66	273	25	30	55	30	41	71	18	38	56	30	45	75	66	105	171	45	473	746		
173	16ESKME173	VAIBHAV CHOUDHARY	34	20	54	44	20	64	47	20	67	45	20	65	250	29	36	63	32	53	85	24	37	61	32	49	81	65	76	141	45	476	726		
174	16ESKME174	VEERENDRA SINGH																																	
175	16ESKME175	VJAY KUMAR SHARMA	47	19	66	44	20	64	54	20	74	54	20	74	278	25	40	65	25	50	75	25	39	64	34	51	85	68	99	167	45	501	779		
176	16ESKME176	VINAY KUMAR	44	20	64	50	20	70	59	20	77	65	20	77	292	28	41	69	30	53	83	25	38	63	32	50	82	60	108	168	49	514	806		
177	16ESKME177	VIPIN MUNDRA	44	19	63	57	20	77	57	20	77	65	20	85	302	26	43	69	30	54	84	25	36	61	34	52	86	70	101	171	50	521	823		
178	16ESKME178	VIPUL LATWANI	44	20	64	34	18	52	52	20	72	39	20	59	247	27	36	63	28	51	79	25	38	63	34	50	84	67	108	175	49	513	760		
179	16ESKME179	VIPUL SAMARIA	37	20	57	47	18	65	47	20	67	39	20	59	248	29	41	70	32	54	86	26	39	65	32	46	78	65	106	171	50	520	768		
180	16ESKME180	VISHNU RAM DEV	50	20	59	54	20	64	65	20	85	55	20	75	294	28	39	67	36	57	93	26	37	63	30	47	77	70	105	175	50	525	789		
181	16ESKME181	YOGESH KUMAR	40	19	59	54	20	74	64	20	84	49	20	69	286	25	43	68	31	57	88	25	41	66	36	50	86	72	106	178	45	531	817		
182	16ESKME182	AAKASH SHARMA	60	20	80	64	20	84	59	20	79	47	20	67	310	27	43	70	37	56	93	28	39	67	38	55	93	74	108	182	50	535	865		
183	16ESKME183	GAURAV GUPTA	49	20	69	40	20	60	54	20	74	34	20	54	257	26	42	68	34	58	92	28	36	64	36	53	89	72	104	176	50	538	796		
184	16ESKME184	ABHISHEK PRADHAN	50	20	70	40	18	58	55	20	75	44	20	64	267	25	41	66	29	47	76	24	34	58	24	36	60	68	100	168	50	528	745		
185	16ESKME185	PULKIT JAIN	54	20	74	44	20	64	54	20	74	57	20	77	289	26	42	68	36	47	83	25	34	59	36	53	89	70	102	172	50	521	810		
186	16ESKME186	NISHANT DWAKER	49	20	69	47	20	67	47	20	67	40	19	59	262	28	32	60	29	49	78	23	41	64	34	49	83	67	108	175	49	509	771		
187	16ESKME187	ASHISH RANIAN	49	18	67	59	20	79	45	20	65	35	18	53	264	23	40	63	27	56	96	26	41	67	37	56	93	65	108	173	50	545	811		
188	16ESKME188	KAMAL KISHOR	55	20	70	34	20	65	44	20	77	40	20	60	266	24	42	66	37	59	96	26	41	67	37	56	93	65	108	173	50	545	811		
189	16ESKME189	MADULLA MATTHUR	40	20	60	45	20	65	44	20	77	40	20	60	266	24	42	66	37	59	96	26	41	67	37	56	93	65	108	173	50	545	811		
190	16ESKME190	SONU DEY	45	18	63	39	17	56	42	20	62	39	17	56	237	25	38	63	27	47	74	25	39	64	34	40	84	62	109	171	49	505	805		
191	16ESKME191	VIKAS JAT	55	20	75	37	20	57	39	20	59	32	19	51	242	25	40	65	29	55	84	27	40	67	36	47	83	65	108	173	50	541	805		
192	16ESKME192	ABHAY VIJAY VARGIYA	34	20	54	49	13	62	60	20	80	50	18	68	264	27	43	70	34	49	83	25	36	61	30	45	75	68	100	168	50	507	771		
193	16ESKME193	ABHISHEK GARG	39	19	58	57	19	76	49	20	69	45	18	68	266	24	40	64	30	51	81	26	36	62	31	42	73	68	101	169	50	499	765		
194	16ESKME194	ABHISHEK SHARMA	42	20	62	54	18	72	55	20	75	55	18	73	282	24	39	63	34	53	87	23	35	58	32	47	79	60	94	154	50	491	773		
195	16ESKME195	ABIR BERA	44	20	64	62	20	72	57	20	77	50	18	68	281	25	41	66	31	53	84	24	41	65	31	42	73	72	98	170	50	508	789		
196	16ESKME196	AMAN GOYAL	39	20	59	55	20	75	64	20	84	60	20	80	298	25	38	63	32	57	89	26	41	67	32	42	74	70	94	164	50	507	805		
197	16ESKME197	AMAN SINHA	54	19	73	62	20	82	65	20	85	59	18	77	317	25	38	63	32	47	79	27	41	68	32	49	81	69	96	165	50	505	823		
198	16ESKME198	ANANT KUMAR BACHANI	40	20	60	32	19	51	50	20	70	40	18	58	239	25	41	66	30	50	80	24	38	62	32	48	80	68	98	166	49	498	742		
199	16ESKME199	ASHISH BHATI	50	20	70	30	18	48	60	20	80	45	18	63	261	26	36	62	30	46	76	24	38	62	32	50	82	64	91	155	49	486	747		
200	16ESKME200	BHANU PRATAP SINGH R	47	17	64	29	16	45	54	16	70	27	18	45	224	24	32	56	26	41	67	22	38	60	30	48	78	64	92	156	47	484	688		
201	16ESKME201	BHAVANSHU CHOUSIYA	40	19	59	54	20	64	59	20	79	39	18	57	269	26	36	62	34	56	93	28	41	69	32	47	77	67	101	168	50	502	770		
202	16ESKME202	DEEPAK KUMAR KHANDEL	55	19	74	39	20	59	59	20	79	39	18	57	269	26	36	62	34	56	93	28	41	69	32	47	77	67	101	168	50	502	770		
203	16ESKME203	DEVENDRA SINGH RATHO	55	20	75	44	19	63	45	20	65	47	18	65	268	26	36	62	32	51	83	25	37	62	30	47	77	67	101	168	50	502	770		
204	16ESKME204	GOURAV BAHETI	54	19	73	39	20	59	47	20	67	50	20	70	269	25	42	67	31	48	79	24	34	58	27	42	69	66	99	165	50	488	757		
205	16ESKME205	HARSHIKESH KUMAR	55	20	75	49	18	67	54	20	74	44	18	62	278	25	42	67	26	47	73	27	36	63	33	50	83	72	97	169	50	505	783		
206	16ESKME206	HARSHIT VERMA	37	19	56	52	16	68	39	18	57	52	18	70	251	28	39	67	30	40	70	25	41	66	32	47	79	69	104	173	50	505	756		
207	16ESKME207	HEMANT SONI	44	18	62	64	20	84	54	20	74	45	18	63	283	26	42	68	32	47	79	27	34	61	32	49	81	72	99	171	50	510	793		
208	16ESKME208	HIMANSHU DADHICH	45	20	65	60	20	80	47	18	75	57	18	75	295	26	41	67	28	43	71	26	37	63	30	45	75	67	103	170	50	496	791		
209	16ESKME209	HIMANSHU GUPTA	54	20	74	54	20	74	47	20	67	44	20	64	279	26	42	68	35	48	83	26	36	62	36	54	90	72	107	179	50	532	811		
210	16ESKME210	JASVEER SINGH	59	20	79	60	20	80	55	20	75	54	18	72	306	26	39	65	36	52	88	27	40	67	32	48	80	67	104	171	50	521	827		
211	16ESKME211	KARTIK SINGHAL	37	17	54	52	17	69	39	16	55	40	16	56	234	25	32	57	35	45	80	25	38	63	36	47	83	70	100	170	50	503	737		
212	16ESKME212	KALISTAV BHATTACHARYA	32	18	50	47	16	63	47	15	67	37	15	50	225	19	30	49	49	44	72	23	35	58	30	46	76	66	92	158	45	458	683		
213	16ESKME213	MAHAPAL YADAV	55	18	73	54	19	73	50	20	70	47	18	65	281	26	38	62	27	50	77	26	34	60	33	51	80	68	101	169	45	497	778		
214	16ESKME214	MAYANK GUPTA	50	20	70	54	20	74	45	20	65	54	18	72	281	25	39	64	26	48	74	25	36	63	30	45	75	66	102	168	49	498	779		
215	16ESKME215	MOHIT FLUMIYA	62	20	82	39	19	58	40	20	60	44	18	62	262	25	32	57	26	40	66	25	38	63	30	45	75	66	102	168	49	498	779		
216	16ESKME216	NAYAN GUPTA	47	20	67	49	18	67	49	18	67	49	16	56	257	26	32	57	28	46	74	2													



Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

PO Attainment (Sample-B.Tech. ME, Batch: 2016-20)

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DEPARTMENT OF MECH. ENGG.

Result of Direct and Indirect Assessment of each PO and PSO

Academic Year 2017-18

Batch 2014-18

Date: 27/06/2018

PO	Target	Attainment level		Total Attainment [1*0.8+2*0.2]
		Direct attainment [1]	Indirect attainment [2]	
PO1	2.5	2.39	2.18	2.36 ✓
PO2	2.5	2.32	2.17	2.30 ✓
PO3	2.5	2.41	2.17	2.37 ✓
PO4	2.5	2.61	2.16	2.53 ✓
PO5	2.5	2.42	2.14	2.37 ✓
PO6	2.5	2.71	2.20	2.61 ✓
PO7	2.5	2.71	2.22	2.62 ✓
PO8	2.5	2.94	2.23	2.80 ✓
PO9	2.5	2.74	2.22	2.64 ✓
PO10	2.5	2.39	2.19	2.35 ✓
PO11	2.5	2.92	2.21	2.79 ✓
PO12	2.5	3.00	2.20	2.84 ✓
PO13/PSO1	2.5	2.50	2.19	2.45 ✓
PO14/PSO2	2.5	2.19	2.18	2.19 *

Remarks:

- Time Table coordinator to allot more number of hours for GATE and competitive Exam preparation.
- CRT coordinator to motivate students for attending aptitude, logical reasoning classes if necessary for clearing competitions.

Target PO attainment for the next year (2018-19)

PO1	PO2	PO3	PO4	PO5	PO6	PO7
2.5	2.5	2.5	2.5	2.5	2.5	2.5
PO8	PO9	PO10	PO11	PO12	PO13/PSO1	PO14/PSO14
2.5	2.5	2.5	2.5	2.5	2.5	2.5

(Signature)
Secretary, DPA@IC

(Signature)
Manoj K. Sain
(Member, DPA@IC)

(Signature)
Dr. Ashish Nandan
(Member, DPA@IC)

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN**

Department of Mechanical Engineering

Notice

Date: 30.08.2018

Sub: Minutes of DPAQIC Meeting held on 27th August, 2018 (Monday).

A meeting of DPAQIC was held on August 27, 2018 (Monday) at 10:00 am in the M.Tech Room. Following faculty members were present in the meeting:

- 1) Dr. N.K.Banthiya (Head, PAQIC)
- 2) Dr. N.C. Bhandari (Head, Mech. Engg. Deptt.) (Chairman, DPAQIC)
- 3) Dr. Ashish Nayyar
- 4) Mr. Dheeraj Joshi (Secretary, DPAQIC)
- 5) Mr. Manoj Kumar Sain (Dy. Head, Mech. Engg. Deptt.)
- 6) Mr. Praveen Saraswat

In addition, following members were also requested to join the meeting to furnish the draft of documents regarding attainment levels of COs and POs for batch 2014-2018:

- Mr. Ankit Agarwal
- Mr. Sandeep Bhaskar

Agenda: Action taken on PO-PSO Attainment for Batch 2014-18

As per the agenda, following action report was finalized POs & PSOs Attainment Levels and Actions for improvement:

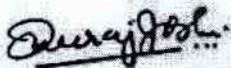
POs	Target Level	Attainment Level	Observations
PO 1: Engineering knowledge: An ability to apply the knowledge of mathematics, science, engineering fundamentals and mechanical engineering courses for the solution of engineering problems.			
PO 1	2.50	2.36	Minor gap in attainment and target. Actions taken for improvement are listed below.
Action 1: Faculty members have been advised to lay more focus on these courses (102, 105, 206, 3ME1A, 3ME3A, 3ME6A, 5ME1A, 7ME4A) whose attainment level is less than 1. Faculty members concerned with these courses have been told that they should try			

to get more numerical-based and practical problems solved by the students in courses where numerical questions are asked, and give practice in answering questions where descriptive questions are asked.			
PO 2: Problem analysis: An ability to identify, formulate, research literature, and solve engineering problems using mathematics, sciences, and engineering sciences.			
PO 2	2.50	2.3	Minor gap in attainment and target. Actions taken for improvement are listed below.
Action 1: Faculty members have been advised to lay more stress on those courses (102, 105, 206, 4ME6A) whose attainment level is less than 1. Faculty members concerned with these courses have been told that they should try to get more numerical-based and practical problems solved by the students in courses where numerical questions are asked, and give practice in answering questions where descriptive questions are asked.			
PO 3: Design / development of solutions: An ability to design system components or processes that meet the specified needs with appropriate considerations for public health and safety, and cultural, societal, and environmental considerations.			
PO 3	2.5	2.37	Minor gap in attainment and target. Actions taken for improvement are listed below.
Action 1: Faculty member concerned with 5ME1A Heat Transfer has been advised to lay more stress on numerical-based and practical problems solved by the students in this course as the attainment level in this course is less than 1.			
Action 2: To increase the indirect attainment, students are motivated to take projects related to public health, safety, societal, and environmental considerations.			
PO 4: Conduct investigations of complex problems: An ability to conduct investigations for solving problems.			
PO 4	2.50	2.53	Attained
No action required.			
PO 5: Modern tool usage: An ability to create, select and use appropriate techniques, skills, resources, and modern engineering and IT tools.			
PO 5	2.50	2.37	Minor gap in attainment and target. Actions taken for improvement are listed below.
Action 1: Faculty member concerned with 206 Computer Programming has been advised to lay more stress on computer programming and library and home assignments to the students in this course as the attainment level in this course is less than 1.			
Action 2: To increase the indirect attainment, students are motivated to participate in robotics and SAEINDIA club activities to acquire the knowledge of advance tools like ANSYS, CATIA, FEM and robotics.			
PO 6: The engineer and society: An ability to assess societal, health, safety, legal, and cultural issues for responsibilities relevant to the profession / practice of engineering, specifically mechanical engineering.			

PO 6	2.50	2.61	Attained
No action required.			
PO 7: Environment and sustainability: Understand the impact of the engineering solutions in societal and environmental contexts, and ability to demonstrate the knowledge of, and need for sustainable development.			
PO 7	2.50	2.62	Attained
No action required.			
PO 8: Ethics: Ability to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.			
PO 8	2.5	2.8	Attained
No action required.			
PO 9: Individual and team work: An ability to function effectively as an individual, and as a member or leader in diverse teams, and also in multidisciplinary settings.			
PO 9	2.50	2.64	Attained
No action required.			
PO 10: Communication: An ability to communicate effectively with the engineering community and with the society at large.			
PO 10	2.50	2.35	Minor gap in attainment and target. Actions taken for improvement are listed below.
Action 1: To improve the communication skill, Soft Skill classes, CRT and various co-curricular activities such as quizzes, power point-presentations, etc. are organized.			
Action 2: Students are motivated to participate in Toastmasters Club activities to enhance communication skills.			
PO 11: Project management and finance: An ability to demonstrate knowledge and understanding of project management principles and apply these to manage projects.			
PO 11	2.50	2.79	Attained
No action required.			
PO 12: Life-long learning: An ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning.			
PO 12	2.50	2.84	Attained
No action required.			
PO 13/PSO 1: Awareness of Contemporary Issues			
PO 13/PSO 1	2.50	2.45	Attained.
Action 1: Student and faculty members are advised to identify problems and take up projects related to current industrial, social and environmental issues.			

PO 14/PSO 2: Participate and succeed in Competitive Exams			
PO 14/PSO 2	2.50	2.19	Moderate gap in attainment and target. Actions taken for improvement are listed below.
<p>Action 1: Faculty members have been advised to lay more stress on those courses whose attainment level is less than 1. Faculty members concerned with various courses have been told that they should try to get more numerical-based, practical and competitive examination problems solved by the students in courses where numerical questions are asked, and give practice in answering questions where descriptive questions are asked.</p> <p>Action 2: Special GATE classes are organized and separate GATE section is also formed to improve the competency of students for competitive exams.</p>			

The meeting ended with thanks to the Chair.



Dheeraj Joshi
Secretary, DPAQIC

Copy to:

- Director
- Director(Academics)
- Principal
- All Faculty members
- Deptt. Notice File



Swami Keshvanand Institute of Technology, Management & Gramothan

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Indirect Attainment of PO (Sample-B.Tech. ME, Batch: 2016-20)

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Mechanical Engg. Deptt.

Result of Direct and Indirect Assessment of each PO and PSO

Academic Year 2019-20

Batch 2016-20

Date: 03/10/2020

PO	Target	Attainment level		Total Attainment ($(1)*0.8+(2)*0.2$)
		Direct attainment [1]	Indirect attainment [2]	
PO1	2.5	2.22	2.74	2.33 ✓
PO2	2.5	1.98	2.72	2.13 ↓
PO3	2.5	2.13	2.69	2.24 ✓
PO4	2.5	2.01	2.54	2.12 ✓
PO5	2.5	1.97	2.37	2.05 ↓
PO6	2.5	2.09	2.71	2.22 ✓
PO7	2.5	2.10	2.72	2.23 ✓
PO8	2.5	2.08	2.73	2.21 ✓
PO9	2.5	2.39	2.74	2.46 ✓
PO10	2.5	2.62	2.38	2.57 ↑
PO11	2.5	2.44	2.72	2.50 ✓
PO12	2.5	1.65	2.73	1.87 *
PO13/PSO1	2.5	2.67	2.67	2.67 ↑
PO14/PSO2	2.5	2.04	2.46	2.13 ↓

Remarks:

- * AL of PO-12 has been quite low.
- Internet, library assignments & self-learning activities of students need to be increased.
- PO-5 (Modern TOOL Usage) is also to be considered seriously.
- To be discussed in DPACIC meeting and subsequent departmental meeting.
- AL in some of the courses is appreciable.

Target PO attainment for the next year (2020-21)

PO1	PO2	PO3	PO4	PO5	PO6	PO7
2.5	2.5	2.5	2.5	2.5	2.5	2.5
PO8	PO9	PO10	PO11	PO12	PO13/PSO1	PO14/PSO14
2.5	2.5	2.5	2.5	2.5	2.5	2.5

Signature
(Chairman, DPACIC)

MA
(Manoj K. Saini)
Member, DPACIC

Ashin
Dr. Ashin Nayya
Member DPACIC

03/10/2020

Swami Keshvanand Institute of Technology, Management & Gramothan
Department of Mechanical Engineering

Indirect attainment of PO
(Batch 2016-20)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
Attainment from Exit Survey	2.42	2.43	2.39	2.41	2.36	2.43	2.43	2.46	2.47	2.43	2.43	2.45	2.34	2.39
Attainment from External Examiner Feedback	2.80	3.00	3.00	2.67	2.75	3.00	3.00	3.00	3.00	2.33	3.00	2.75	3.00	3.00
Attainment from MOOCs courses	3.00	-	-	-	2.00	-	-	-	-	-	-	3.00	-	2.00
Indirect attainment of PO	2.74	2.72	2.69	2.54	2.37	2.71	2.72	2.73	2.74	2.38	2.72	2.73	2.67	2.46