

**V.R. SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

**Dt.11.01.2021**

**Subject Code/Name: 17EI3304 – Sensors and Transducers, Sec-B**

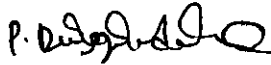
**Class: II Year, III Semester**

**Academic Year: 2020-21**

**Faculty Name: P. Durgaprasadarao, Assistant. Professor**

**Slow learners list based on A-I Marks (Below 5 )**

S.No.	Regd. Number	Name	Marks	Section(B)
1	198W1A1041	Buchi.Sasidhar Reddy	3.5	B
2	198W1A1054	Pallevada.Yuva Teja	2	B
3	198W1A1064	Sankuru.Rakesh	Absent	B
4	198W1A1067	S.Viajaya Sai Dinesh	5	B
5	208W5A1017	A.Sai Chandra Sekhar	4	B
6	208W5A1023	M.Purna Jayanthi	4	B

  
P. Durgaprasadarao, Asst.Prof.

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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Dt.:11.01.21

**QUALITY CIRCLES (Remedial classes based on A-I marks)**


Name of the QC group: EIE quality circle – Second year (2/4 Sec-B)

Subject: 17EI3304 – Sensors and Transducers

Academic Year: 2020-21

Faculty Name: P. Durgaprasadarao, Asst.Prof.

S. No	QC leaders	Potential Members	Meeting schedule	Topics covered
1	198W1A1052	198W1A1041 198W1A1054 198W1A1064 198W1A1067 208W5A1017 208W5A1023	Dates: 11.01.2021 Time: 8.40 to 9.30  Date: 12.01.2021 Time: 11.30 AM to 1 PM	Date: 11.01.21 <ul style="list-style-type: none"><li>• Expression for gauge factor of strain gauge.</li><li>• Construction details of Different Strain Gauges</li></ul> Date: 12.01.21 <ul style="list-style-type: none"><li>• operating principle of photovoltaic cell</li><li>• Working principle of Piezoelectric Transducers</li><li>• Working Principle of Inductive and Capacitive Transducers</li></ul>

  
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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Dt.:11.01.2021

Remedial classes (Quality circles) Attendance statement of slow learners based on A-I Marks

S. No.	Regd. Number	Section (A/B)	Marks obtained	Student Signature	
				11.01.2021	12.01.2021
1	198W1A1041	B	3.5	P. S. R.	P. S. R.
2	198W1A1054	B	2	P. Yuvateja	P. Yuvateja.
3	198W1A1064	B	Absent	(A)	(A)
4	198W1A1067	B	5	A	A
5	208W5A1017	B	4	A. S. S. Sekar	A. S. S. Sekar
6	208W5A1023	B	4	M. Prasanna Jayanthi	M. Prasanna Jayanthi

P. Durgaprasadarao  
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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

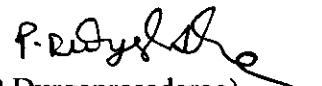
**Dt.:05.02.21**

**Outcome of quality circles in I-Mid-term examination of 17EI3304**

S. No.	Regd. Numbers	Section (A/B)	Marks obtained In A-I	Marks obtained in I-Mid term	Outcome of quality circles
1	198W1A1041	B	3.5	4	Scored below 50% marks
2	198W1A1054	B	2	5	Scored below 50% marks
3	198W1A1064	B	Absent	Absent	<b>Not measured due to absent</b>
4	198W1A1067	B	5	Absent	<b>Not measured due to absent</b>
5	208W5A1017	B	4	8.5	<b>Scored above 50% marks</b>
6	208W5A1023	B	4	10.5	<b>Scored above 50% marks</b>

**Remarks:**

1. Out of 05 students, 02 students secured above or equal to 50% marks in I Midterm examination due to quality circle methodology.
2. Based on the outcome of quality circles methodology, the same methodology is adopted for slow learners in I Midterm examination with modifications in student mentors.

  
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**V.R. SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

**Dt.03.02.2021**

**Subject Code/Name: 17EI3304 – Sensors and Transducers, Sec-B**

**Class: II Year, III Semester**

**Academic Year: 2020-21**

**Faculty Name: P. Durgaprasadarao, Assistant. Professor**

**Slow learners list based on S-I Marks (Below 6 )**

S.No.	Regd. Number	Name	Marks	Section(B)
1	198W1A1041	Buchi.Sasidhar Reddy	4	B
2	198W1A1054	Pallevada.Yuva Teja	5	B
3	198W1A1064	Sankuru.Rakesh	Absent	B



P. Durgaprasadarao, Asst.Prof.

V.R. SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
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Dt.:08.02.21

QUALITY CIRCLES (Remedial classes based on S-I marks)

Name of the QC group: EIE quality circle – Second year (2/4 Sec-B)

Subject: 17EI3304 – Sensors and Transducers

Academic Year: 2020-21

Faculty Name: P. Durgaprasadarao, Asst.Prof.

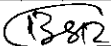


S. No	QC leaders	Potential Members	Meeting schedule	Topics covered
1	198W1A1052	198W1A1041 198W1A1054 198W1A1064	<b>Dates: 08.02.2021</b> <b>Time: 1.30 PM to 2.30 PM</b>  <b>Date: 09.02.2021</b> <b>Time: 1.30 PM to 2.30 PM</b>  <b>Date: 10.02.2021</b> <b>Time: 1.30 PM to 2.30 PM</b>	<b>Date: 11.01.21</b> <ul style="list-style-type: none"><li>• Flapper Nozzle Displacement Transducers</li><li>• Digital Displacement transducers</li></ul> <b>Date: 12.01.21</b> <ul style="list-style-type: none"><li>• Electromagnetic Tachometers</li><li>• Encoders</li></ul> <b>Date: 10.02.2021</b> <ul style="list-style-type: none"><li>• Accelerometers</li></ul>

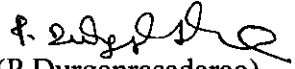
  
(P.Durgaprasadarao)

V.R.SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Dt.:11.01.2021

Remedial classes (Quality circles) Attendance statement of slow learners based on S-I Marks

S. No.	Regd. Number	Section (A/B)	Marks obtained	Student Signature		
				08.02.2021	09.02.2021	10.02.2021
1	198W1A1041	B	4			
2	198W1A1054	B	5	P. Yuvateja	P. Yuvateja	P. Yuvateja
3	198W1A1064	B	Absent	(A)	(A)	(A)

  
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V.R. SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
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Dt.:08.02.21

**QUALITY CIRCLES (Remedial classes based on S-I marks)**


Name of the QC group: EIE quality circle – Second year (2/4 Sec-B)

Subject: 17EI3304 – Sensors and Transducers

Academic Year: 2020-21

Faculty Name: P. Durgaprasadarao, Asst.Prof.

S. No	QC leaders	Potential Members	Meeting schedule	Topics covered
1	198W1A1052	198W1A1041 198W1A1054 198W1A1064	Dates: 08.02.2021 Time: 1.30 PM to 2.30 PM  Date: 09.02.2021 Time: 1.30 PM to 2.30 PM  Date: 10.02.2021 Time: 1.30 PM to 2.30 PM	Date: 11.01.21 <ul style="list-style-type: none"><li>Flapper Nozzle Displacement Transducers</li><li>Digital Displacement transducers</li></ul> Date: 12.01.21 <ul style="list-style-type: none"><li>Electromagnetic Tachometers</li><li>Encoders</li></ul> Date: 10.02.2021 <ul style="list-style-type: none"><li>Accelerometers</li></ul>

  
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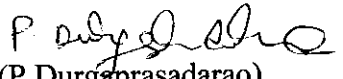
Dt.:19.02.19

**Outcome of quality circles in I-Mid-term examination of 14EI3701**

S. No.	Regd. Numbers	Section (A/B)	Marks obtained In I-Mid term	Marks obtained in A-II	Outcome of quality circles
1	198W1A1041	B	4	8	Scored above 50% marks
2	198W1A1054	B	5	7.5	Scored above 50% marks
3	198W1A1064	B	Absent	A	<b>Not measured due to absent</b>

**Remarks:**

1. Out of 03 students, 02 students secured above or equal to 50% marks in A-II examination due to quality circle methodology.
2. Based on the outcome of quality circles methodology, the same methodology is adopted for slow learners in A-II examination with modifications in student mentors.

  
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**V.R. SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

**Dt.20.02.2021**

**Subject Code/Name: 17EI3304 – Sensors and Transducers, Sec-B**

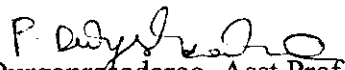
**Class: II Year, III Semester**

**Academic Year: 2020-21**

**Faculty Name: P. Durgaprasadarao, Assistant. Professor**

**Slow learners list based on A-II-Marks (Below 5 )**

S.No.	Regd. Number	Name	Marks	Section(B)
1	198W1A1057	PAMU DEVI VARA PRASAD	2.5	B
2	198W1A1064	SANKURU RAKESH	Absent	B
3	198W1A1067	SIRAMASETTY VIJAYA SAI DINESH	4	B
4	198W1A1075	VENKATA BALARAM KRISHNA MURTHY ATTULURI	2	B

  
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V.R. SIDDHARTHA ENGINEERING COLLEGE: VIJAYAWADA – 7(Autonomous)  
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Dt.:22.02.21

QUALITY CIRCLES (Remedial classes based on A-II marks)

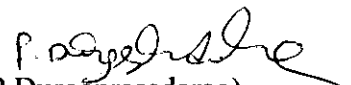
Name of the QC group: EIE quality circle – Second year (2/4 Sec-B)

Subject: 17EI3304 – Sensors and Transducers

Academic Year: 2020-21

Faculty Name: P. Durgaprasadarao, Asst.Prof.

S. No	QC leaders	Potential Members	Meeting schedule	Topics covered
1	198W1A1052	198W1A1057 198W1A1064 198W1A1067 198W1A1075	Dates: 22.02.2021 Time: 12.10 to 1.00PM  Dates: 23.02.2021 Time: 12.10 to 1.00PM  Dates: 24.02.2021 Time: 11.20 to 1.00PM  Dates: 25.02.2021 Time: 10.20 to 11.00 AM	Date: 22.02.2021 <ul style="list-style-type: none"><li>working principle of Hall effect sensor.</li><li>configuration of a smart sensor</li></ul> Date: 23.02.2021 <ul style="list-style-type: none"><li>working principle of ultrasonic Doppler flow meter.</li><li>fiber optic sensors in displacement measurement.</li></ul> Date: 23.02.2021 <ul style="list-style-type: none"><li>Polymer sensor</li><li>Semiconductor gas detector</li></ul> Date: 23.02.2021 <ul style="list-style-type: none"><li>structure of biosensor.</li><li>IR radiation sensor (IR Pyrometer)</li></ul>

  
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DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

**Dt.:13.03.21**

**Outcome of quality circles in II-Mid-term examination of 17EI3304**

S. No.	Regd. Numbers	Section (A/B)	Marks obtained In A-II	Marks obtained in II-Mid term	Outcome of quality circles
1	198W1A1057	B	2.5	5	Scored below 50% marks
2	198W1A1064	B	Absent	Absent	<b>Not measured due to absent</b>
3	198W1A1067	B	4	4	Scored below 50% marks
4	198W1A1075	B	2	3.5	Scored below 50% marks

**Remarks:**

1. Out of 04 students, no student secured above or equal to 50% marks in II Midterm examination. More no. of classes to be taken for slow learners.

  
(P.Durgaprasadarao)

Dt.25.06.2021

II/IV B. Tech

III semester

Academic Year: 2020-21

**Final Outcome of quality circles in Semester End examination of 17E13304**

1. In I Assignment examination, number of slow learners who got less than 50% marks are 5. Out of 5 students, 2 students secured above or equal to 50% marks in I Midterm examination due to quality circle methodology.
2. In I midterm examination, number of slow learners (including absentees) who got less than 50% marks are 3. Out of 3 students, 2 students secured above or equal to 50% marks in II Assignment examination due to quality circle methodology. 1 student was absent for examination due to health problems. Here the success rate was improved compared to I Mid Term examination.
3. In II Assignment examination, number of slow learners (including absentees) who got less than 50% marks are 4. Out of 4 students, no student secured above or equal to 50% marks in II sessional examination due to less no. of remedial classes conducted.
4. In the semester end examination, out of 52 students, 50 students were passed (96.15% **Success rate**). This shows that there is an improvement in pass percentage due to the quality circles methodology.
5. Based on the final outcome of quality circles methodology, the same methodology can be adapted for slow learners in this course when offered.

  
(P.DURGAPRASADA RAO)