

Competence, Commitment and Teamwork

SDME Society's

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY,

DHARWAD – 580 002

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi - 590 018)



Department of Electronics and Communication
Engineering

Internal/External
Academic Audit Report

Prof. & Head
Dept of Electronics & Communication Engg
SDM College of Engineering & Technology
Dharwad - 580 002

SDM College of Engineering and Technology, Dharwad
Department of Electronics and Communication Engineering

Sl. No.	Date of review	Details	Auditor Name and Details
1.	31.03.2023	Internal Audit for NBA preparation review report	Dr. U P Kulkarni, SDMCET, Dharwad
2.	03.03.2023	Internal Audit for NBA preparation review report	Dr. Lokeshhari SDMCET, Dharwad
3.	07.03.2023	Internal Audit for Semester Closing Reports (SCRs) for the academic year 2022-23 (odd semester)	Prof. Bharati Sunagar, Dr. Prashantha C MBA Department, SDMCET, Dharwad
4.	08.09.2022	Internal Audit for Semester Closing Reports (SCRs) for the academic year 2021-22 (odd and even semester)	Prof. Bharati Sunagar, Dr. Mahesh. M. V, MBA Department, SDMCET, Dharwad
5	14.11.2022	External Academic Audit for the academic year 2020-21	Dr. Deepak K T, Professor IIT, Dharwad
6	30.01.2021	External Audit for strategic plan	Dr. Mahadeva Prasanna, Dean, IIT, Dharwad



Attendance List

Sl. No	Name	Signature
1	Shrikant Shrikol	
2	Channakka L.	
3	S.S. Ravishankar	
4	H.V. Bhuiya	
5	Vyas Manoj	
6	B.R. Saptalalakar	
7	J. Sanjaykumar	
8	J.C. Nidagundi	
9	Mala. L. M.	
10	Roshma Nadak	
11	S.S. Navalgund	
12	M. Vijay Kumar	
13	K.N. Hosur	
14	S.V. Viraktamath	
15	Kotresh Marali	
16	Raghuram K.M	
17	Preeti S.B	
18	Shreeda C. Sajjan	
19	S.S. Karur	
20		
21		
22		
23		
24		
25		
26		

27		
28		
29		
30		
31		
32		

PROCEEDINGS OF THE MEETING

1. NBA preparedness of EC department was reviewed based on Q/A initiated by faculty members.
- 2.
- 3.
- 4.

[Signature]
19/05/2022
NBA Coordinator

[Signature]
19/05/2022
HOD EC



SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD-580002

Karnataka State- INDIA

NBA PREPARATION REVIEW REPORT

IQAC SDMCET, DHARWAD

Department : ELECTRONICS & COMMUNICATION EN-55

Date: 30/3/2023 @ 9:15 AM

Records/ Documents availability for past THREE years

1	AICTE/NBA/VTU approvals	✓	2	Budget and Money spent details	✓
3	Infrastructure and Space Details	✓	4	Admission Records	✓
5	Faculty List	✓	6	Students List	✓
7	Syllabus copy with PAM	✓	8	Changes made in the syllabus	✓
9	Academic Calendar	✓	10	Time Table	✓
11	Course Plan / File	✓	12	Laboratory Experiment List	✓
13	Lab Manuals	✓	14	Lab Records	✓
15	Software Licenses	✓	16	Project Laboratory and usage- Log book	✓
17	Best Practices	✓	18	Project group details and Project Reports	✓
19	Students/ Faculty Publications	✓	20	Internship details	✓
21	Placement Details	✓	22	Result Analysis (With and without B)	✓
23	Feedback	✓	24	Exit Surveys	✓
25	Mentorship records	✓	26	Graduation List	✓
27	Holiday/ Vacation notices	✓	28	IQAC reports	✓
29	Audit reports	✓	30	Rubrics used for evaluation	✓
31	List of Events conducted	✓	32	Previous SAR	✓
33	Minutes of the meeting	✓	33	Parents meet details	✓
34	HR policy copy	✓	35	Students' Hand book	✓
36	Workload sharing with other departments	NA	37	Consultancy	✓
38	Networking with other Institution	NA	39	Guest faculty	✓
40	Interaction with Industry	✓	41	Competitions	✓
42	Cultural events and activities	✓	43	FDPs conducted	✓
44	FDP participated	✓	45	Visit as Resource person outside ?	✓
46	CIII data?	✓	47	NEP readiness?	✓
48	Higher study Data?	✓	49	Achievers list ?	✓
50	Slow Learners?	✓	51	Students' participation- Outside?	✓
52	Certification?	✓	53	Personal files?	✓
54	PhD certificate?	✓	55	PhD Thesis copy?	✓

Observations on Compliance report submitted:

1. PART - A 1, 2, --- COPY SIGNED
2. Add - yearwise
3. changes made to syllabus to be maintained.
4. Records - Recent on top.

- course file structure to be focus
- Labels for files.
- Lab books need to be maintained.

- Verify Result analysis with competency one

→ maintain worksheet or marking.

- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.
- 21.
- 22.
- 23.
- 24.
- 25.

- Attainment of competency
- Labels for all files
- Action taken on feedback.
- BOS - should get best decisions & suggest resolutions

Reviewers [Signature]

Date: 31/03/2023

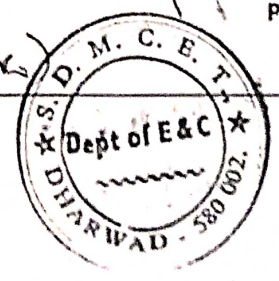
[Signature] 31/3/2023

HOD

CDR. Shreedhar A Jax

[Signature] PRINCIPAL

[Signature] 31/3/2023
Dept. NPA coordinator
(S.S. Navalgrund)





Ref. No. SDMCET/ECE/2023/246.

SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD-580002

Karnataka State- INDIA

NBA PREPARATION REVIEW REPORT

IQAC SDMCET, DHARWAD

Department : E & CE


- 1) SAR for the last 3 years to be prepared.
- 2) Summary sheets for each file/data to be ready.
- 3) Addressing the concerns and weaknesses by the way of producing proofs.
- 4) Industry visit reports to be updated.
- 5) Data on internships resulting in placement to be ready.
- 6) slow learners procedures to be documented.
- 7) Inter and intra college event participation by students data to be updated.
- 8) SFR calculation with and without 1 year and PG faculty.
- 9) CIII documents to be made available in the department.
- 10) changes brought in by NEP to be documented.
- 11) Higher studies records to be updated.

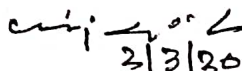
(P.T.O)

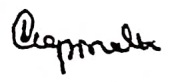
12) Data on publications resulting due to funding of projects to be kept ready.

Overall, the preparation of compliance report and the associated proofs/files/documents are found to be satisfactory.

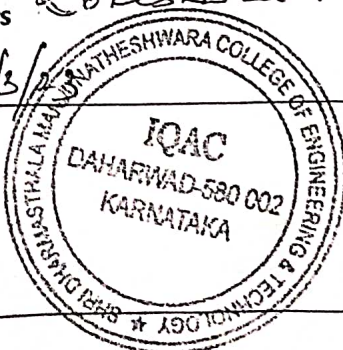
Reviewers


C. Kesava N


2/3/2023
HOD


PRINCIPAL

Date: 3/3/23



Prof. & Head
Dept. of Electronics & Communication Engg
M. Col. of Engineering & Technology
Daharwad-Daharwad-580 002
Dharmasthala Mahanatheshwara
COLLEGE OF ENGINEERING AND TECHNOLOGY
DAHARWAD-580002, KARNATAKA

STER
st
ces if
d on
epor

S.D.M. College of Engineering and Technology, Dharwad-580002

Department of Electronics and Communication Engineering

IQAC TLP - AUDIT INTERNAL

NAME OF THE FACULTY MEMBERS

Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.

TLP Components	1	2	3	4	5	6	7	8	9	10
	Dr. Vijaya C	Dr. Shreedhar A. Joshi	Dr. Satish S. Bhairannawar	Mrs. Savitri Raju	Dr. Hemalata V. Bhujle	Dr. S. S. Kerur	Dr. Kalmeshwar. N. Hosur	Dr. S. V. Viraktamath	Dr. Sharada C. Sajjan	Dr. Jayashree C. Nidagundi
Noteworthy TLP Practices- proof. If applicable	Nil	NIL	Nil	Nil	Nil	NIL	NIL	Simulations Study on eminent personalities.	Nil	Simulation based
Attainment of outcomes and Result analysis of the course	✓	✓	✓	ongoing	ongoing	✓	✓	✓	✓	✓
Learning Material Created. If applicable	PPT	NIL	Nil	Nil.	NIL	NIL	NIL	Youtube videos. Blogs PPT	Nil	Nil
Learning Extensions If applicable	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
No. of Classes held so far.	COM-II 51	36	CMOS VLSI 43	CS 37	LIC/NA 23/36	54	A, B 43, 46	LIC/UEV 29/22	COM-II 50	39
No. of Students having attendance less than 75%	-	2, 4	-	-	-	-	-	-	-	-
Average. Attendance in all classes	-	-	-	-	-	-	-	-	-	-
Signature of the Faculty Mem.	✓✓									

Note: Department level IQAC has to check all components for all faculty members before making entries in this report. Ensure that appropriate evidences are maintained by faculty members and also necessary copies are made available in the department. Submit the report to Institute level IQAC for physical verification after taking signature from Dean Academic program and Principal.

Dept. IQAC Coordinator

Head of the Dept.

Dean Academic Prog.

Principal

Physical Verification by IQAC Team:

1.
(Dr. Prashantha C.)

2.
Bharathi Sureshwar

College of Engineering and Technology, Dharwad-580002
Department of Electronics and Communication Engineering

IQAC TLP - AUDIT INTERNAL

NAME OF THE FACULTY MEMBERS

Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.

TLP Components	NAME OF THE FACULTY MEMBERS									
	11 Dr. Siddalingesh S. Navalgund	12 Mrs. Mala L. Muddannava	13 Mr. Vinayak Miskin	14 Mrs. Sumangala Bhavikatti	15 Dr. Sunil S. Mathad	16 Mr. M. Vijay Kumar	17 Mr. Balru K Saptalakar	18 Mr. Ravishankar S. S.	19 Mr. Kotresh E. Marali	20 Mrs. Channakka C Lakkanavar
Noteworthy TLP Practices-proof. If applicable	NIL	NIL	NIL	NIL	NIL	Simulation	✓	NIL	NIL	NIL
Attainment of outcomes and Result analysis of the course	✓	✓	Ongoing	✓	✓	✓	Ongoing	✓	✓	✓
Learning Material Created. If applicable	NA	NA	NA	NA	NA	Youtube PPT Google class	NA	NA	NA	NA
Learning Extensions If applicable	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
No. of Classes held so far.	GDPS 43	OFC 40	DC 41	NA/BE 40, 40	CMOS 42	JTAG 44/43	Innovation Design A B 11 10	AWP 39,	DSP 43	BE 42
No. of Students having attendance less than 75%	-	-	-	-	-	-	-	-	-	-
Average. Attendance in all classes	-	-	-	-	-	-	-	-	-	-
Signature of the Faculty Mem.										

Note: Department level IQAC has to check all components for all faculty members before making entries in this report. Ensure that appropriate evidences are maintained by faculty members and also necessary copies are made available in the department. Submit the report to Institute level IQAC for physical verification after taking signature from Dean Academic program and Principal.

Dept. IQAC Coordinator

Head of the Dept.

Dean Academic Prog.

Principal

Physical Verification by IQAC Team: 1.
(Dr. Prashant C.)

2.
Bharathi Sunagn

Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.

TLP Components	21	22	23	24	25	26
	Mrs. JV Sangeethagouda	Mrs. Reshma Nadaf	Mrs. Preeti S. Bellerimath	Mr. Shrikanth K. Shirakol	Dr. Vyas R Murnal	Mr. Raghuram K.M.
Course File	✓	✓	✓	✓	✓	✓
Time Table	✓	✓	✓	✓	✓	✓
Syllabus Copy	✓	✓	✓	✓	✓	✓
Academic Calendar	✓	✓	✓	✓	✓	✓
Course Plan	X	✓	✓	✓	✓	✓
Term work List If applicable	NA	NA	NA	NA	NA	NA
CTA assignment List	✓	✓	✓	✓	✓	✓
Lab/ Projects/ Internship Reports If applicable	NA	NA	NA	NA	NA	1a ✓
Assignment Submitted Copies	X	✓	✓	✓	✓	✓
QP- IAs and SEE	✓	✓	✓	✓	✓	✓
Attendance & Marks entries in book	✓	✓	✓	✓	✓	✓
Attendance & Marks entries in ADSTOCK	✓	✓	✓	✓	✓	✓

S.D.M. College of Engineering and Technology, Dharwad-580002

Department of Electronics and Communication Engineering

IQAC TLP - AUDIT INTERNAL

Per Sem - III Ongoing.

NAME OF THE FACULTY MEMBERS

Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.

TLP Components	1	2	3	4	5	6
	Dr. Vijaya C.	Prof. Bhairu Saptalkar	Dr. Sharada Sajjan	Dr. Jayashree C. Nidagundi	Dr. Vijaya C., Dr. Sharada C. Sajjan	
Course File	✓	✓	✓	✓		
Time Table	✓	✓	✓	✓		
Syllabus Copy	✓	✓	✓	✓		
Academic Calendar	✓	✓	✓	✓		
Course Plan	✓	✓	✓	✓		
Term work List If applicable	NA	NA	NA	NA		
CTA assignment List	✓	Nil	Nil	Nil		
Lab/ Projects/ Internship Reports If applicable	NA	NA	NA	NA		
Assignment Submitted Copies	✓	Nil	Nil	✓		
QP- IAs and SEE	✓	✓	✓	✓		
Attendance & Marks entries in book	✓	✓	✓	✓		
Attendance & Marks entries in ADSTOCK	✓	✓	✓	✓		
Noteworthy TLP Practices-proof. If applicable	Nil	Nil	Nil	Nil		

Project Phase I

S.D.M. College of Engineering and Technology, Dharwad-580002

Department of Electronics and Communication Engineering

IQAC TLP - AUDIT INTERNAL PG Sem-III ongoing

TLP Components	NAME OF THE FACULTY MEMBERS					
	Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.					
	1	2	3	4	5	6
	Dr. Vijaya C.	Prof. Bhairu Saptalkar	Dr. Sharada Sajjan	Dr. Jayashree C. Nidagundi	Dr. Vijaya C., Dr. Sharada C. Sajjan	
Attainment of outcomes and Result analysis of the course	ongoing	ongoing	ongoing	ongoing	Project Phase-I	
Learning Material Created. If applicable	Nil	Nil	Nil	PPT	NA	
Learning Extensions If applicable	NA	NA	NA	NA	NA	
No. of Classes held so far.	VLSI signal 26	A-VLSI 19	IVP 30	MEMS 30	NA	
No. of Students having attendance less than 75%	—	—	—	—	NA	
Average. Attendance in all classes	—	—	—	—	NA	
Signature of the Faculty Mem.						

Note: Department level IQAC has to check all components for all faculty members before making entries in this report. Ensure that appropriate evidences are maintained by faculty members and also necessary copies are made available in the department. Submit the report to Institute level IQAC for physical verification after taking signature from Dean Academic program and Principal.

Dept. IQAC Coordinator

Head of the Dept.
1/3/23

Dean Academic Prog.

Principal

Physical Verification by IQAC Team: 1.

Dr. Prashantha C

2.

Bharathi Sunagin

S.D.M. College of Engineering and Technology, Dharwad-580002

Department of Electronics and Communication Engineering

IQAC TLP – AUDIT INTERNAL (2021-22) Even Semester

TLP Components	NAME OF THE FACULTY MEMBERS					
	Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.					
	1	2	3	4	5	6
	Dr. Satish S. Bhairannawar	Dr. S. S. Kerur	Dr. Vijaya C	Dr. Hemalata V. Bhujle	Dr. S. V. Viraktamath	Dr. S. S. Kerur & Mr. Sunil Mathad
Course File	✓	✓	✓	✓	✓	
Time Table	✓	✓	✓	✓	✓	
Syllabus Copy	✓	✓	✓	✓	✓	
Academic Calendar	✓	✓	✓	✓	✓	
Course Plan	✓	✓	✓	✓	✓	
Term work List If applicable	NA	NA	NA	NA	NA	
CTA assignment List	X	X	X	X	✓	
Lab/ Projects/ Internship Reports If applicable	NA	NA	NA	NA	NA	
Assignment Submitted Copies	X	X	✓	X	✓	
QP- IAs and SEE	✓	X	✓	✓	✓	
Attendance & Marks entries in book	✓	✓	✓	✓	✓	
Attendance & Marks entries in ADSTOCK	✓	✓	✓	✓	✓	
Noteworthy TLP Practices- proof. If applicable	Nil	Nil	Nil	Nil	Nil	

Seminar.

College of Engineering and Technology
 Department of Electronics and Communication Engineering
 IQAC TLP – AUDIT INTERNAL (2021-22) Even Semester

TLP Components	NAME OF THE FACULTY MEMBERS					
	Entries in the cell: Tick mark for completeness, cross mark for incompleteness and NA for not applicable.					
	1	2	3	4	5	6
	Dr. Satish S. Bhairannawar	Dr. S. S. Kerur	Dr. Vijaya C	Dr. Hemalata V. Bhujle	Dr. S. V. Viraktamath	Dr. S. S. Kerur & Mr. Sunil Mathad
Attainment of outcomes and Result analysis of the course	✓	✗	✓	✓	✓	.
Learning Material Created. If applicable	Nil	Nil	Nil	Nil	Nil	
Learning Extensions If applicable	NA	NA	NA		NA	Practical
No. of Classes held so far.	D-VLSI 42	AES 40	DSC 27	DL 52	Coding theory 53	Seminar
No. of Students having attendance less than 75%	—	—	—	—	—	
Average. Attendance in all classes	—	—	—	—	—	
Signature of the Faculty Mem.				<i>(Signature)</i>	—	

Note: Department level IQAC has to check all components for all faculty members before making entries in this report. Ensure that appropriate evidences are maintained by faculty members and also necessary copies are made available in the department. Submit the report to Institute level IQAC for physical verification after taking signature from Dean Academic program and Principal.

(Signature)
 Dept. IQAC Coordinator
 Principal

(Signature)
 Head of the Dept.
 13/23

(Signature)
 Dean Academic Prog.

Physical Verification by IQAC Team: 1.

(Signature)
 Dr. Prashantha C

2.

(Signature)
 Bhanu Sunaga

TLP REVIEW REPORT

IQAC SDMCET, DHARWAD

Department: ELECTRONICS & COMMUNICATION

General Observations:

- Some faculty members are following good practices like simulation based assignments as a part of CTA, Youtube channels for extra learning. Blogs to facilitate TLP.
- The new suggested COURSE FILE pattern with page number indexing is NOT followed.
- Signature of HOD/faculty member is not found on the Timetable written in course file by few faculty members.

Date on publication

[Faint handwritten scribble]

[Signature]

[Signature]

Reviewers 1) Dr Prashantha.C 2) Bharat Sup HOD

PRINCIPAL

Date:

