

SDM College of Engineering and Technology, Dhavalagiri, Dharwad-580002

Department of Chemistry

STRATEGIC PLAN IMPLEMENTATION REPORT



Quarterly Audit Report of Strategic Plan for the Year 2023

Date:31/01/2024

For the Quarter: I

Month-January to month-March

Reference: 5 Year Plan 2022-2026

INTRODUCTION:

The purpose of this document is to record the **I**quarterly progress of the Department based on their stated strategic plan for the year **-2022** (starting from 1st January and ending by 31st December).

In charge person indicted against each perspective/ Key areas have participated in the audit process and the records maintained by them are seen thoroughly by the audit team.

AUDIT TEAM:

1. **Chairman:** Principal, SDMCET, Dharwad

2. **Members:**

- a) Dean Academic Program
- b) Dean R & D
- c) IQAC Coordinator— Member Secretary

INSTITUTIONAL VISION AND MISSION:

VISION:

To develop **competent** professionals with **human values**.

MISSION:

- M1.** To have **contextually relevant** Curricula.
- M2.** To promote **effective Teaching Learning** Practices supported by **Modern Educational Tools and Techniques**.
- M3.** To enhance **Research Culture**.
- M4.** To involve the **Industrial Expertise** for connecting Classroom contents to real-life situations.
- M5.** To inculcate **Ethics and soft-skills** leading to overall personality development.

ADDITIONAL FOCUS:

F1: Curriculum relevance- **M1**

F2: Academic/ Exam results- **M1, M2, M4**

F3: Research papers, Sponsored Projects, Root cause analysis for rejected papers and filling gap.-**M3**

F4: Value additions: Teaching, Soft skills, Use of ICT / Presentation, Discussion Groups
(Communication skills)- **M2 & M5**

F5: Community oriented services- **M3 & M5**

F6: Placement.

F7: Accreditation and Ranking: NBA, NAAC and NIRF -**M1 to M5 & Establishment of strong IQAC
to support quality checks and Institutional repository.**

F8: National Educational Policy- NEP-2020 – **M1 to M5.(Experiential Learning)**

CONTACT DETAILS:

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2. Dr. Asma M. Tatagar, **Faculty/I/C- Strategic Plan**, Department of Chemistry, SDM College of Engineering and Technology, Dharwad-580002.

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Year July 2023-JAN 24

Focus [1]	Perspective/ Key Areas [2]	PLANNING [3]	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
			F1 / M1 Curriculum Relevance	<p>Re-establishing the relevance of critical thinking in Course outcomes and raising learning levels focusing on Experiential learning of NEP-2020.</p>	<p>1. Activity: I) BOS Meet II) Outcome/Target:</p> <p>In-charge Faculty: Dr. A A Kittur Kittur1965@gmail.com Ph: 9945258096</p>
<p>Re-establishing the relevance of Program Articulation Matrix-PAM</p>	<p>Activity-1: Pre BOS meet /DUGC meeting</p> <p>Activity 2:Analyzing /reviewing current PAM continuation Target/Outcome Arriving towards improving new PAM Implementation of mapping of CO-PO for the modified COs</p> <p>In-charge Faculty:</p>	<p>Pre BOS meeting was conducted on 4th July 2023.</p> <p>Implementation of CO PO mapping for the modified COs was discussed.</p> <p>PAM matrix is documented and decided to</p>		<p>No deviation</p>	<p>Nil</p>

		Dr. Shashidhar shashidhar66111@gmail.com Mobile:9986971155	continue the same		
	Conducting internal and External Audits	Activity 1: i)Internal Audit by inhouse IQAC team ii)External Audit Target /Outcome: Audit report generation Incharge: Dr. A. A. Kittur Kittur1965@gmail.com 9945258096	Both internal and External Audit are completed <u>Internal Audit:</u> 28/07/2023 by Department IQAC <u>External Audit:</u> 29/07/2023 (Dr. Suresh Tuwar, KCD, Dharwad) Both internal and External audits reports are mentained in the department.	No deviation	Nil
	Others- if any				

Year July 2023-Jan 24					
Focus [1]	Perspective/ Key Areas [2]	PLANNING [3]	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
F2 M1,M2,M4	Bridge Courses For all	Activity: 1. Identification of slow learners.	<u>Slow learners were identified after 1st IA.</u> The classes were	No deviation	nil

Exam Results	and specific to Slow learners & Learning Extensions	<p style="text-align: center;">2. Slow learners classes for below the set target</p> <p>Outcomes/Targets: Improvement in results for the third IA and SEE Exam</p> <p>Dr. Asma M. Tatagar asmatatagar@gmail.com Ph:9380520089</p>	<p>conducted for slow learners on the difficult topic as well as numericals on CPR, polymers and concentration cell concepts.</p> <p>The report and the changes observed are maintained with respective course instructors in the register.</p> <p>The same is verified by Department IQAC</p>		
	Tutorials for complex courses	<p>Activity: Identification of the topic, Class Time table will be implemented with tutorial class for problematic topic in coming Even semesters</p> <p>Outcomes/Targets: Time table framed 2. Classes conducted report</p> <p>Faculty I/C: Dr. A. A. Kittur</p>	<p>The tutorial classes were conducted for selected topic designed in the curriculum for tutorial classes.</p> <p>Time table is implemented and classes conducted. Course instructor register is maintained for the same. Its verified by Department IQAC</p>	No deviation	nil
	Strengthening Experiential Learning component	<p>Activity:</p> <ol style="list-style-type: none"> 1. Lab course will be enhanced 2. Identification of experiment for 	<p>Three experiments potentiometry, conductometry and colorimetry from the theoretical</p>	No deviation	Designing of the experiment

		<p>experimetal based learning .</p> <p>Outcomes/Targets: Revised curriculum with exparimrntal based learning and improving CO attainment</p> <p>Faculty I/C: Dr. Asma Tatagar asmatatagar@gmail.com 9380520089</p>	<p>part of the (curricula) are incoporated in lab to enhance the learning and understanding ability of the pupil. Flame photometry instrument was purchased. Experiments based on flamephotometry will be implemented as lab component in the curriculum.</p>		
	Industry Connectivity for Class room	-----	Industry connectivity for the class room is planed and carried out.	No deviation	Nil
	Others- if any				

Year July 2023-Jan 2024					
Focus [1]	Perspective/ Key Areas [2]	PLANNING [3]	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]

F3
M3
Research

<p>F3 M3 Research</p>	<p>Quality assessment of all research proposals</p>	<p>Activity:. Establishment of core team, Guiding young researcher to write the proposal.</p> <p>Outcomes/Targets :To secure external funds, proposal preparation, publications</p> <p>Faculty I/C :Dr. A. A. Kittur</p>	<p>Reserch core team look after all the reseach activities.</p> <p><u>Proposal submitted:02</u> 1. Dr.Asma T , DST worth Rs.60 lakhs 2. Dr.sahana N, DST, 69 lakhs</p> <p><u>Ongoing project :1</u> (Dr.AAkittur, seed money 1.1lakh) Publication: 04 (Pulication by each faculty)</p>	<p>No deviation</p>	<p>Nil</p>
<p>IPR: Copyrights and Patents</p> <p>Paper Publications</p> <p>Funded Projects</p>	<p>Activity:Worksops on IPR/patent filing</p> <p>Outcomes/Targets:publicatio ns Faculty I/C Dr. Shashidhar</p>	<p><u>Patent published</u> :1 (Dr. Asma T)</p> <p>Ongoing project :1 (Dr.AAkittur, seed money 1.3lakh) Publication 4</p>	<p>No deviation</p>	<p>nil</p>	
<p>Others- if any</p>					

Year July 2023-Jan2024

Focus	Perspective/ Key Areas	Observations / Remarks by Auditors			
		PLANNING	Outcomes achieved	Reasons for any deviation	Further action plan, if applicable
			[4]	[5]	[6]
F4 M2 & M5 Value additions	Learning for Placement	NA	NA	---	--
	Soft Skills	--	---	---	--
	Discussion Group	05	Group Discussion was conducted for the 1 st year students on e-waste managemnet	No deviation	--
	English Communication Skills	Seminar conduction	Seminars are conducted in the class to enhance the commincation skills and presentation skills	No deviation	---
	Use of ICT Information Communication Technology	Use of online platform like Zoom , google meet and MS team for the conduction of online classes. Faculty Incharge:Dr.AA Kittur. DR.N Shashidhar, Dr.Asma T DR.Sahana N	Study material/Notes are provided through google classroom. Vedios, ppts, recorded vedioes are uploaded in google classroom.	No deviation	--
	Others- if any				

Year July2023-June 2024

Focus	Perspective/ Key Areas	PLANNING	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
			F5 Community Oriented Services M3 & M5	Awareness Program	Activity: Identification of the village Visit to village to bring awareness about health and hygiene Outcomes/Targets Faculty I/C Prof. Sahana Nayak
Learning Programs through workshops	Demonstrating and testing water quality	Activity planned, and implemented		No deviation	
Technology Transfer Programs	--	--		---	---

	Others- if any				
Year july2023-Jan 24					
Focus	Perspective/ Key Areas	PLANNING	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
F6 Placement	No. of Offers	--	--	--	--
	No. of students getting Placed	--	--	--	--
	pay packages being offered	--			
	MoUs				
	Internship				
	Others- if any				

Year July 2023-Jan 2024

Focus	Perspective	Perspective/ Key Areas	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
			F7 Accreditation and Ranking	NBA Faculty I/C: NBA Coordinator	
NAAC Faculty I/C: NAAC Coordinator	Dr. A. A. Kittur	Necessary documents are revised and submitted to the concerned office		NO deviation	
NIRF ranking. Faculty I/C: PG Coordinator	Dr. Asma Tatagar	Necessary documents are submitted to the concerned office		NO deviation	
Others- if any					

Remarks-by the auditing team.

The progress report mentioned above is presented by the concerned department team, verified for its correctness by the auditing team and approved by the concerned authorities mentioned below.

X Quarter	Name and Signature with Date of the concerned authority							
	DUGC Member Secretary	IQAC Coordinator	Faculty I/C of Strategic Plan	Head of the Department	Member-3 Audit Team	Member-2 Audit Team	Member-1 Audit Team	PRINCIPAL