

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

Department of Civil Engineering

STRATEGIC PLAN IMPLEMENTATION REPORT



Audit Report of Strategic Plan for the Year 2022

Date :19/01/2023

For the Year 2022

January to Decemeber

Reference: 5 Year Plan 2022-2026

Introduction:

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

1. Dr. U. D. Hakari, **Associate Professor and Head, Department** of Civil Engineering, SDM College of Engineering and Technology, Dharwad-580002.

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2. Dr. R.J.Fernandes, **Faculty I/C- Strategic Plan**, Department of Civil Engineering, SDM College of Engineering and Technology, Dharwad-580002.

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Mobile: 9880536130

Focus [1]	Perspective/ Key Areas [2]	Year 2022			
		PLANNING [3]	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
F1 / M1 Curriculum Relevance	Re-establishing the relevance of critical thinking in Course outcomes and raising learning levels focusing on Experiential learning of NEP-2020.	Activity-: Modification of Syllabus in ensuing BOS. Outcome: Improved quality of question paper, assignments and course outcome. In-charge Faculty: Mr. Prateek I C Mobile:9483491230 Email: pic@sdmcet.ac.in	BOS was conducted on 08/08/2022	--	--
	Re-establishing the relevance of Program Articulation Matrix-PAM	Activity-: Interactive session with faculty members in the Department to make the syllabus more relevant. Outcome: Improved quality of course outcome and program outcome. In-charge Faculty: Mr. Prateek I C Mobile:9483491230 Email: pic@sdmcet.ac.in	Faculty interaction was conducted on 06/08/2022 to discuss relevance of program articulation matrix and it was decided to continue with the same program articulation matrix.	--	--
	Conducting internal and External Audits	Activity 1: Conducting internal audit by expert within the institution and external audit by experts from NIT/IIT.	External audit was conducted by Dr. Subhas Yaragal, Professor, NITK, Suratkal on 08/08/2022 who expressed his satisfaction over teaching-learning process and opined that	--	--

		<p>Outcome : Improved teaching and learning process.</p> <p>Activity 2: Ensuring compliance of quality of Question paper before every Internal assessment by Dept. IQAC.</p> <p>Outcome : Improved Curriculum relevance, Improved quality of question paper.</p> <p>In-charge Faculty: Dr. D. K. Kulkarni Mobile: 9449062826 Email:dilipkkulkarni@rediffmail.com</p>	<p>department should put more efforts to improve research and publications. Also motivated young faculty members to complete Ph.D at the earliest.</p> <p>Complied during odd and even semester of 2022.</p>	--	--
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Year 2022					
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]
<p>F2</p> <p>M1,M2,M4</p> <p>Exam Results</p>	<p>Bridge Courses For all and specific to Slow learners & Learning Extensions</p>	<p>Activity 1: Field visits (Learning extension)</p> <p>Outcome: 1. Realtime work exposure for industry readiness.</p>	<p>i. 5th semester A & B division, 71 students visited Supa Dam, Ganeshgudi on 9th November 2022.</p> <p>ii. 6th Semester A & B division, 43 students visited Metro construction site managed by HCC-URC company, Bangalore on 18/06/2022.</p>	--	--

		<p>2. Field visit report.</p> <p>Activity 2: (Bridge courses) Solving previous year question papers and doubt solving sessions after internal assessments.</p> <p>Outcome : Improved understanding of topics.</p> <p>In-charge Faculty: Faculty: Mr. Sameer Chitnis Mobile: 8277475409 Email: sakare.sdm@gmail.com</p>	<p>1. Field visit report prepared.</p> <p>NIL</p>	<p>No Bridge course identified.</p>	<p>--</p> <p>--</p>
	<p>Tutorials for complex courses</p>	<p>Activity-: Tutorials planned for complex courses.</p> <p>Outcome: Improved capability of solving problem.</p> <p>In-charge Faculty: Faculty: Mr. S. S. Hubballi Mobile: 9036048428 Email:sakare.sdm@gmail.com</p>	<p>NIL</p>	<p>No Tutorials planned</p>	<p>--</p>
	<p>Strengthening Experiential Learning component</p>	<p>Activity-: Demo of NDT methods in C & H lab.</p> <p>Outcome: Learning experience strengthened.</p> <p>In-charge Faculty: Mr. Basavaraj M G Mobile: 9449105272 Email:gudadappa@gmail.com</p>	<p><u>Conducted training</u> on “NDT methods in C & H lab” for 5th semester in November 2022.</p>	<p>--</p>	<p>--</p>

	Industry Connectivity for Class room	<p>Activity-: Students interaction with industry experts</p> <p>Outcome: Improved field connectivity</p> <p>In-charge Faculty: Mr. P M Sakare Mobile: 9036048428 Email:sakare.sdm@gmail.com</p>	<p>Students interacted with industry experts during workshop on “Advances in soil testing” conducted on 24th and 25th March 2022.</p> <p>5th semester A & B division, 72 Students interacted with Dr. L. R. Manjunatha, Vice-President Direct sales and sustainability initiatives, JSW cement Limited on 11/10/2022.</p>	--	--
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Focus [1]	Perspective/ Key Areas [2]	Year 2022			
		PLANNING [3]	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
F3 M3 Research	Quality assessment of all research proposals	<p>Activity-: Forming of Dept. research group and scrutiny of proposals by the group.</p> <p>Outcome: Ensurance of quality and relevance of proposals.</p> <p>In-charge Faculty: Dr. R J Fernandes Mobile: 9880536130 Email:fernandes.regi@gmail.com</p>	--	Research group yet to be formed	--
	IPR: Copyrights and Patents	---	--	--	--

	Paper Publications	No-: 15 In-charge Faculty: Dr. R J Fernandes Mobile: 9880536130 Email:fernandes.regi@gmail.com	<u>24</u>	--	--
	Funded Projects	Submission-: 03 Sanction: NIL In-charge Faculty: Dr. R J Fernandes Mobile: 9880536130 Email:fernandes.regi@gmail.com	Submission – <u>9</u> Sanctioned - 0	--	--
Year 2022					
Focus	Perspective/ Key Areas	PLANNING	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
F4 M2 & M5 Value additions	Learning for Placement	Activity 1: Training on Industry relevant software. (Example: AutoCAD, Staad.Pro, Revit) Outcome: Field exposure, Value-addition, Improved placement. Activity 2: Internship for pre-final year students. Outcome: 115 students of 7 th semester A & B students attended internship at consulting/ construction company and	<u>Conducted training</u> on “STADD-PRO.” for 5 th semester A & B division students in January 2022. Number of participants – 65. Conducted training on “REVIT” for 7 th semester A & B division students in November 2022. Number of participants – 83. <u>Internship</u> report.	--	--

		8 th semester 7 No. students presently undergoing internship. In-charge Faculty: Prof. P. M. Sakare Email: sakare.sdm@gmail.com Mobile: 9449720219		--	--
	Soft Skills	Activity-: Planning of soft-skill training programs through CIII. Outcome: Enhanced soft-skills In-charge Faculty: Prof. P. M. Sakare Email:sakare.sdm@gmail.com Mobile: 9036048428	Conducted aptitude training through CIII. i.For 6th semester A and B division students from 17/06/2022 to 19/06/2022. ii. For 5th semester A and B division students from 16/12/2022 to 17/12/2022.		--
	Discussion Group & English Communication Skills	Activity-: Planning of personality development programs through CIII. Outcome: Improved communication/group discussion skills In-charge Faculty: Prof. P. M. Sakare Email:sakare.sdm@gmail.com Mobile: 9036048428	--	To be Planned through CIII.	--
	Use of ICT Information Communication Technology	Activity-: Making all classrooms ICT enabled. Outcome: Enhanced teaching-learning. In-charge Faculty: Prof. Prateek Cholappanavar Email:pic@sdmcet.ac.in Mobile: 9483491230	Included in budget for 2022-23.	--	--

Year 2022

Focus	Perspective/ Key Areas	PLANNING	Observations / Remarks by Auditors		
			Outcomes achieved [4]	Reasons for any deviation [5]	Further action plan, if applicable [6]
			<p style="text-align: center;">F5 Community Oriented Services</p> <p style="text-align: center;">M3 & M5</p>	<p style="text-align: center;">Awareness Program & Learning Programs through workshops</p>	<p>Activity: Planning of Road safety awareness program.</p> <p>Workshop on “ Advances in Soil testing”</p> <p>Outcome: Improved awareness for road users. Improved awareness on soil testing and NDT methods.</p> <p>Incharge faculty: Prof: S. A. Kanalli Mobile: 8618039113 Email: shravankanalli@gmail.com</p>
<p style="text-align: center;">Technology Transfer Programs</p>	--	--		--	--

Focus	Year 2022				
	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	15	<u>26</u>	--	--
	No. of students getting Placed	15	26	--	--
	Pay packages being offered	2,50,000 /- (Per Annum)	3,00,000 /-	--	--
	MoUs	--	--	--	--
	Internship	--	<u>7</u>	--	--

Focus	Year 2022				
	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	Activity: Continuation of NBA accreditation. Outcome: Updation of records. Faculty Incharge : Dr. D. K. Kulkarni Mobile:9449062826 Email:dilipkkulkarni@rediffmail.com	Records on course files, paper publications, workshops/ trainings/ webinars, etc are being updated and compliance report is submitted.	--	--
	NAAC Faculty I/C: NAAC Coordinator	Activity : Preparation of documents as per the guidelines. Outcome: Updation of records. Faculty Incharge: Dr. R. J. Fernandes	Records on course files, paper publications, workshops/ trainings/ webinars, etc are updated and details are submitted.	--	--

		Mobile:9880536130 Email: fernandes.regi@gmail.com			
	NIRF ranking. Faculty I/C: PG Coordinator	Activity: Research Publication Outcome: NIRF Ranking Faculty Incharge: Dr. R. J. Fernandes Mobile:9880536130 Email: fernandes.regi@gmail.com	--	--	--

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