

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

Department of Civil Engineering

STRATEGIC PLAN

[5 Year Plan: 2022-2026]

OBJECTIVES:

The purpose of this document is to establish the **roadmap for next 5 years** to plan how we wish to see our Institution in the future. This plan is **based on the vision and mission** established and the additional focus suggested by the management keeping focus on National Educational Policy- NEP-2020. Mission statements are the **basic perspectives** driving the newer strategies established in this report. This report will serve as baseline for **budgeting** and to establish the Institutional level **ANNUAL performance appraisal**.

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: Academic results- **M1, M2, M4**

F2: Curriculum relevance- **M1**

F3: Value additions: Teaching, Soft skills, Use of ICT / Presentation, Discussion Groups
(Communication skills)- **M2 & M5**

F4: Community oriented services- **M3 & M5**

F5: Additional Academic perspectives: Research papers, Sponsored Projects, Root cause analysis for rejected papers and filling gap. -**M3**

F6: Accreditation and Ranking: NBA, NAAC and NIRF - **M1 to M5& Establishment of strong IQAC to support quality checks and Institutional repository.**

F7: National Educational Policy- NEP-2020 – **M1 to M5. (Experiential Learning)**

PLANNING INCREMENTS:

1st year to 5th year, i.e. **2022** to **2026**; year commencing from 1st of January and ending by 31st December.

CONTACT DETAILS:

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SDM COLLEGE OF ENGINEERING AND TECHNOLOGY
Department of Civil Engineering

Focus	Perspective	STRATEGIC PLAN				
		2022	2023	2024	2025	2026
Curriculum Relevance	Re-establishing the relevance of critical thinking in Course outcomes and raising levels focusing on Experiential learning of NEP	Reframing the syllabus with more emphasis on problem analysis, design solutions to enhance the critical thinking. Apart from internships, field visits, projects and seminars would be made industry focused to enhance the level of Experiential learning in line with NEP guidelines.	Reframing the syllabus with more emphasis on problem analysis, design solutions to enhance the critical thinking. Apart from internships, field visits, projects and seminars would be made industry focused so as to enhance the level of Experiential learning in line with NEP guidelines.	Reframing the syllabus with more emphasis on problem analysis, design solutions to enhance the critical thinking. Apart from internships, field visits, projects and seminars would be made industry focused so as to enhance the level of Experiential learning in line with NEP guidelines.	Reframing the syllabus with more emphasis on problem analysis, design solutions to enhance the critical thinking. Apart from internships, field visits, projects and seminars would be made industry focused so as to enhance the level of Experiential learning in line with NEP guidelines.	Reframing the syllabus with more emphasis on problem analysis, design solutions to enhance the critical thinking. Apart from internships, field visits, projects and seminars would be made industry focused so as to enhance the level of Experiential learning in line with NEP guidelines.
	Re-establishing the relevance of Program Articulation Matrix	Reframing and incorporating additional topics which may enhance the level of mapping with POs, thereby making the program articulation matrix more relevant.	Reframing and incorporating additional topics which may enhance the level of mapping with POs, thereby making the program articulation matrix more relevant.	Reframing and incorporating additional topics which may enhance the level of mapping with POs, thereby making the program articulation matrix more relevant.	Reframing and incorporating additional topics which may enhance the level of mapping with POs, thereby making the program articulation matrix more relevant.	Reframing and incorporating additional topics which may enhance the level of mapping with POs, thereby making the program articulation matrix more relevant.
	Conducting internal and External Audits	Internal audit is done by experts within the institution and external audit is done by experts from NIT/ IIT.	Internal audit is done by experts within the institution and external audit is done by experts from NIT/ IIT.	Internal audit is done by experts within the institution and external audit is done by experts from NIT/ IIT.	Internal audit is done by experts within the institution and external audit is done by experts from NIT/ IIT.	Internal audit is done by experts within the institution and external audit is done by experts from NIT/ IIT.
	Any Other	Experts from industries are included in conducting BOS meetings.	Experts from industries are included in conducting BOS meetings.	Modification of curriculum incorporating new and relevant topics/ courses under the guidance of BOS.	Experts from industries are included in conducting BOS meetings.	Experts from industries are included in conducting BOS meetings.

Focus	Perspective	2022	2023	2024	2025	2026
Exam Results	Bridge Courses	-	-	-	-	-
	Tutorials for complex courses	Depending on necessity tutorials will be planned for complex courses.	Depending on necessity tutorials will be planned for complex courses.	Depending on necessity tutorials will be planned for complex courses.	Depending on necessity tutorials will be planned for complex courses.	Depending on necessity tutorials will be planned for complex courses.
	Strengthening Experiential Learning component	Students shall be exposed in carrying out the stability analysis of structures using NDT methods.	Students shall be exposed in carrying out the stability analysis of structures using NDT methods.	Students shall be exposed in carrying out the stability analysis of structures using NDT methods.	Students shall be exposed in carrying out the stability analysis of structures using NDT methods.	Students shall be exposed in carrying out the stability analysis of structures using NDT methods.
	Industry Connectivity for Classroom	Experts from industries shall be invited for interaction with students.	Experts from industries shall be invited for interaction with students.	Experts from industries shall be invited for interaction with students.	Experts from industries shall be invited for interaction with students.	Experts from industries shall be invited for interaction with students.
	Any Other	-	-	-	-	-

Focus	Perspective	2022	2023	2024	2025	2026
Research	IPR: Copyrights and Patents	-	-	-	-	-
	Paper Publications	15	17	20	20	25
	Funded Projects (Submission/ Sanction)	2	2	2	2	2
	Analysis on project proposals for its quality relevance	A research group will be formed in the dept. for scrutiny of proposals.	A research group will be formed in the dept. for scrutiny of proposals.	A research group will be formed in the dept. for scrutiny of proposals.	A research group will be formed in the dept. for scrutiny of proposals.	A research group will be formed in the dept. for scrutiny of proposals.
	Any Other	-	-	-	-	-

Focus	Perspective	2022	2023	2024	2025	2026
Value additions	Learning for Placement	Students shall undergo compulsory internship program in consultancy/ construction company.	Students shall undergo compulsory internship program in consultancy/ construction company.	Students shall undergo compulsory internship program in consultancy/ construction company.	Students shall undergo compulsory internship program in consultancy/ construction company.	Students shall undergo compulsory internship program in consultancy/ construction company.
	Soft Skills	Students shall be provided soft skills training by CIII	Students shall be provided soft skills training by CIII	Students shall be provided soft skills training by CIII	Students shall be provided soft skills training by CIII	Students shall be provided soft skills training by CIII
	Discussion Group	Personality development programs shall be included while assessing and submitting the training requirement to CIII.	Personality development programs shall be included while assessing and submitting the training requirement to CIII.	Personality development programs shall be included while assessing and submitting the training requirement to CIII.	Personality development programs shall be included while assessing and submitting the training requirement to CIII.	Personality development programs shall be included while assessing and submitting the training requirement to CIII.
	English Communication Skills					
	Use of ICT	All classrooms will be equipped with modern teaching tools.	All classrooms will be equipped with modern teaching tools.	-	-	-
	Any Other	-	-	-	-	-

Focus	Perspective	2022	2023	2024	2025	2026
Accreditation and Ranking	NBA	Updating of NBA documents as per SAR	Applying for continuation of NBA accreditation	Updating of NBA documents as per SAR	Updating of NBA documents as per SAR	Applying for continuation of NBA accreditation
	NAAC	Preparation of relevant documents as per the requirements	Preparation of relevant documents as per the requirements	Preparation of relevant documents as per the requirements	Preparation of relevant documents as per the requirements	Preparation of relevant documents as per the requirements
	NIRF ranking	Enhancing the research activities & publications.	Enhancing the research activities & publications.	Enhancing the research activities & publications.	Enhancing the research activities & publications.	Enhancing the research activities & publications.
	Any Other	-	-	-	-	-

Focus	Perspective	2022	2023	2024	2025	2026
Community Oriented Services	Awareness Program	Program on road safety awareness in association with NHAI and Info Trans Engineers as per the MoU	Program on road safety awareness in association with NHAI and Info Trans Engineers as per the MoU	Program on road safety awareness in association with NHAI and Info Trans Engineers as per the MoU	Program on road safety awareness in association with NHAI and Info Trans Engineers as per the MoU	Program on road safety awareness in association with NHAI and Info Trans Engineers as per the MoU
	Learning Programs					
	Technology Transfer Programs	-	-	-	-	-
	Any Other	-	-	-	-	-

Focus	Perspective	2022	2023	2024	2025	2026
Placement	No. of Offers	25	30	35	40	50
	No. of students getting Placed	20	25	30	35	45
	Pay packages being offered	3,00,000/- (Per Annum)	3,25,000/- (Per Annum)	3,50,000/- (Per Annum)	3,75,000/- (Per Annum)	4,00,000/- (Per Annum)
	MoUs	-	-	-	-	-
	Internship	5	7	10	12	15