



St. MARTIN'S ENGINEERING COLLEGE

**An Autonomous Institute
NBA & NAAC A+ Accredited
Dhulapally, Secunderabad – 500100
www.smec.ac.in**



**Report on
Performance of the Institution for the Academic Year 2022-23
by External Peer Team of IQAC**

Submitted to



**University Grants Commission (UGC)
Bahadur Shah Zafar Marg,
New Delhi – 110002.**

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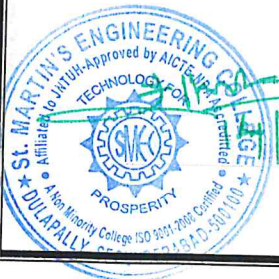
IQAC-EXTERNAL PEER TEAM REPORT ON PERFORMANCE OF THE INSTITUTION - ACADEMIC YEAR 2022-23

Members of External Peer Team:

- Dr. P. Swetha** - Deputy Director, Directorate of Academic and Planning, Professor in Department of Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad & External Peer Team Member, SMEC.
- Dr. M. Sharanya** - Professor & HOD Department of EEE, Malla Reddy College of Engineering & Technology & External Peer Team Member, SMEC.

* * *

- Name of the College** : St. Martin's Engineering College,
- Head of the Institution** : Dr. P. Santosh Kumar Patra
- Telephone/ Fax / Email** : 7997267788
- Year of Establishment** : 2002
- Whether private or government or University maintained** : Private / Self Financing
- Autonomous Status** : UGC granted Autonomous Status in the year 2019
- Name of the Affiliating University** : Jawaharlal Nehru Technological University, Hyderabad (JNTUH)



EXTERNAL PEER TEAM REVIEW – EVALUATION REPORT

1. CURRICULAR ASPECTS:

S. No.	Criterion	Rating		
		Very good	Good	Satisfactory
1	Quality of vision and mission statements	√		
2	Implementation of choice-based credit system (CBCS)		√	
3	Adequacy of courses having focus on employability/ entrepreneurship/ skill development		√	
4	Evidence of procedures for framing POs, PSOs and their adequacy	√		
5	Evidence of attainment of POs, PSOs against set targets	√		
6	Evidence for framing of COs and their attainment against set targets	√		
7	Evidence for structured feedback system	√		
8	Evidence for NBA accreditation of UG/PG programs	√		
9	Quality of CIE and SEE question papers	√		
10	Preparation and adherence to Academic calendar by the institution	√		
11	Implementation of examination reforms	√		

2. STUDENT ASPECTS

S. No.	Criterion	Rating		
		Very good	Good	Satisfactory
1	Student – Full time teacher ratio	√		
2	Students progression without backlog in any semester		√	
3	Students completing the program in the stipulated time		√	
4	Number of students placed and their median salary	√		
5	Number of students clearing NET/UPSC/CAT/GATE/GRE/IETS Exams	√		



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6	Adequacy of guest/technical lectures arranged for students	√		
7	Adequacy of industrial visits arranged for students	√		
8	Relevance of one credit courses		√	
9	Evidence for students completing NPTEL courses	√		
10	Student mentoring system	√		
11	Scholarship/Financial aid to students	√		
12	Activities and support from the Alumni Association		√	
13	Performance in sports activities		√	
14	Placement services provided to students	√		
15	Learning through Entrepreneurship cell	√		
16	Learning beyond classroom	√		
17	Student council & representation of students on academic & administrative bodies / committees of the institution	√		
18	Adequacy of workshops conducted on entrepreneurship/IPR/Innovative practices	√		
19	Student exchange programs/activities	√		

3. FACULTY/RESEARCH ASPECTS:

S. No.	Criterion	Rating		
		Very good	Good	Satisfactory
1	Faculty profile and the adequacy of faculty members as per the norms of AICTE	√		
2	Faculty members recognised as research guides			√
3	Faculty members with PhD from universities other than Telangana and abroad		√	
4	Quality of Faculty Publications	√		
5	Quality of research projects	√		
6	Evidence for research grants received from various agencies	√		
7	Evidence for consultancy activities	√		
8	Evidence for patents published / awarded	√		



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9	Adequacy of faculty training programs (FDP/STTP)	√		
10	Adequacy of number of conferences and workshops attended by the faculty members	√		
11	Adequacy of number of workshops/FDPs/STTPs/ Conferences conducted by the department	√		
12	Provision of send money to teachers for research	√		
13	Revenue generated from corporate training by the institution	√		
14	Training programs for new faculty		√	
15	Awards for faculty members	√		

4. INFRASTRUCTURAL ASPECTS

S. No.	Criterion	Rating		
		Very good	Good	Satisfactory
1	Evidence for use of ICT in teaching learning process	√		
2	Adequacy of faculties for teaching – learning viz., classrooms, laboratories	√		
3	Adequacy of modern equipment in the laboratories	√		
4	Adequacy of facilities for sports and cultural activities	√		
5	Improvements in library services		√	
6	Adequacy of books and journals available in library	√		
7	Computerization of administration and the process of admission and examination results, issue of certificates	√		
8	Computer and internet access and training to teachers, non-teaching staff and students	√		
9	Number of start-ups incubated on campus	√		
10	TEQIP initiatives	√		
11	Usage of Plagiarism software	√		

5. GOVERNANCE, LEADERSHIP and MANAGEMENT

S. No.	Criterion	Rating		
		Very good	Good	Satisfactory



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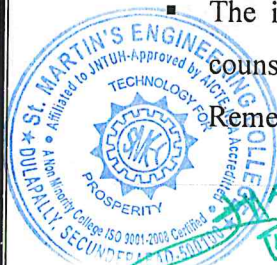
1	Functioning of academic bodies as per UGC guidelines (Governing Council, Standing Committee and Board of studies etc.,)	√		
2	Evidence of minutes of the Boards of Studies/Academic Council meetings etc.,	√		
3	Functioning of IQAC	√		
4	Implementation of ISO	√		
5	Institution has performance appraisal system for teaching and non-teaching staff	√		
6	Internal and External financial audit	√		

6. INSTITUTIONAL VALUES AND BEST PRACTICES

S. No.	Criterion	Rating		
		Very good	Good	Satisfactory
1	Adequacy of MoUs signed with institutions /industries	√		
2	Adequacy of Gender equity promotion programs organised by the institution		√	
3	Annual power requirement of the institution met by the renewable energy sources	√		
4	Waste management	√		
5	Rain water harvesting structures and utilisation in the campus	√		
6	Green Practices	√		
7	Differently abled Friendliness Resources in the institution	√		
8	Industry – Institute interaction	√		
9	Institutional best practices	√		

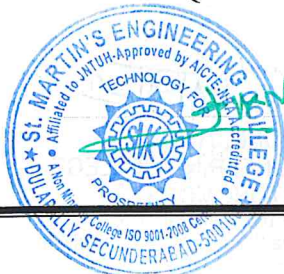
KEYPOINTS NOTED BY EXTERNAL PEER TEAM MEMBERS:

- The institute has been initiating new quality academic activities every year. The IQAC has been proactive in strengthening the good practices and ensuring the quality in all activities. The college has separate manuals of best practices, teaching methodologies and integrated pro-development policies.
- The institute has a well-designed system in place for mentoring the students and counselling them in case of any critical situation that hinders their progression. Remedial classes are conducted for slow learners while the advanced learners are



encouraged to quench their thirst by participating in technical competitions, Hackathons, workshops, quizzes, model marking, poster & paper presentations and conferences.

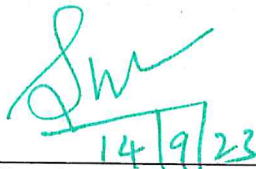

- Quality of question papers & evaluation were found to be satisfactory. The institute follows the blooms taxonomy and CO levels in the internal question papers.
- The commendable initiatives of the college are introducing MOOCs, NPTEL, SWAYAM, Course Era and Learn Vern to the staff and students .
- Institute Innovation Cell established for encouraging Innovation Culture among the students by conducting training programmes, workshops, events and competitions. The institute Secured highest four stars rating by Institute Innovation Council, Government of India for its Excellence in the research, startups, Intellectual Property Rights and Incubation units.
- The institute has applied for the accreditation of Computer Science and Engineering course and got the accreditation from NBA on 30/05/2023. All the departments of the institute are accredited with NBA.
- Good Library with Kiosk are available.
- Every faculty member has developed ICT- based learning resources and adopts Moodle based TL practices.
- The college has achieved 100% placements with highest package of Rs 58 Lakhs.
- The college has published 64 number of patents, granted 8 number of patents, published 805 papers and 151 textbooks in last 3 years.
- The college has secured NIRF Innovation Rank under the band of 51-100.
- The college is funded with Rs 29 Lakhs from MSME 1.0 and Rs 21.60 Lakhs from MSME 2.0 Idea Hackathons, Govt. of India for different ideas.
- The institute has received the most prestigious 'AICTE Happiness Award' on 21-08-2022 by the Former AICTE Chairman Anil Sahasrabudhe.
- The college has received Governor Award for organising the Blood Donation Camp.
- The students have received many medals from Sports and Cultural Events.
- The college is active in NCC and NSS activities. NCC students participated Mountaineering activity and advanced Mountaineering activity.
- Proactive Management takes keen interest in the growth of the institute.
- AQAR 2022-23 is discussed and approved.



Recommendations:


1. Additional training may be imparted to the faculty members given for utilizing the ICT facility.
2. Faculty may be motivated to do collaborative research publications.
3. Video capturing facility can be extended to at least more than room in each department.
4. Rare books available in the library could be digitalized at the earliest.
5. The college can explore student exchange programs with Foreign Universities.
6. All computer science and engineering department laboratory can be initiated Smart Interactive panel.
7. Dedicated IOT lab and Robotic lab can be established.
8. Hostel Wi-Fi facility can be enhanced by fixing individual access point room wise.
9. The team has suggested implementing NEP 2020 and updating the curriculum as per the needs of industry.
10. The team also recommends to include python subject for all branches.
11. The team has recommended that all faculty members can do certifications on NPTEL, SWAYAM platforms.
12. It was suggested that distinguished alumni be identified, and their services may be utilised for the institute.

The committee appreciates and thanks the members of IQAC and the faculty for providing the required record and documents for validation.

Signature with date		
Name and Designation of the peer team members	Dr. P. Swetha, Deputy Director, Directorate of Academic and Planning, Professor in Department of Computer Science and Engineering, Jawaharlal Nehru Technological University, Hyderabad.	Dr. M. Sharanya, Professor & HOD Department of EEE, Malla Reddy College of Engineering & Technology

Seal of the Institution




GROUP DIRECTOR
St. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS
Survey No. 98 & 100, Dhulapally (V),
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Secunderabad-500 100, Telangana