



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 2021-22
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 2021-22

Members of External Peer Team:

- Dr. S. Viswanadha Raju** - Professor, Department of Computer Science and Engineering, JNTUH University College of Engineering, Jagtial & External Peer Team Member, SMEC.
- Dr. P. Sridhar** - Dean IQAC & Professor in EEE, Institute of Aeronautical Engineering, Secunderabad & External Peer Team Member, SMEC.

* * *

- Name of the College** : St. Martin's Engineering College,
- Name of the Principal** : 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. CIRRICULAR 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	√		

* Note: Because of pandemic academic calendar is not followed strictly.

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	√		



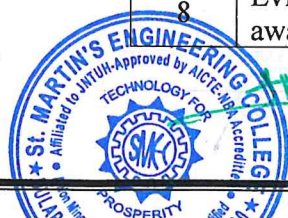
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6	Adequacy of guest/technical lectures arranged for students	√		
7	Adequacy of industrial visits arranged for students	√		
8	Relevance of one credit courses	√		
9	Evidence for students completing NPTEL courses	√		
10	Student mentoring system	√		
11	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	√		



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5. GOVERNANCE, LEADERSHIP and MANAGEMENT

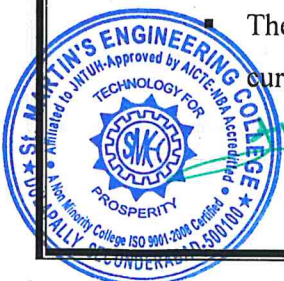
S. No.	Criterion	Rating		
		Very good	Good	Satisfactory
1	Functioning of academic bodies as per UGC guidelines (Governing Council, Standing Committee and Board of studies etc.,)	√		
2	Evidence of minutes of the Boards of Studies/Academic Council meetings etc.,	√		
3	Functioning of IQAC	√		
4	Implementation 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:

- All departments are well knit and excel in academics and pedagogy.
- The college has adopted Outcome Based Education very well.
- The college has direct links with stakeholders and takes their views in designing the curriculum.



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- The college has effectively implemented Teaching Learning Process with 34 different parameters of teaching learning, Mapping of Cos with POs & PSOs, PO & PSO attainment, implementation of BTL Levels and Self Learning Strategies. Every faculty should meet all these 34 parameters before handling the respective subject.
- Guest lectures, conferences, workshops, seminars and industrial visits are frequently conducted in every semester by all the departments.
- Every faculty member has developed ICT- based learning resources and adopts Moodle based TL practices.
- The College has got the Extended EOA approval from AICTE for all the courses for a duration of 7 years.
- The college has published 57 number of patents and granted 3 number of patents in last 3 years.
- The college has got approval from Jawaharlal Nehru Technological University, Hyderabad for the Research Centre in CSE Department.
- The college is funded with Rs 15 Lakhs from MSME, Govt. of India for three different ideas.
- The institute Secured ATAL ranking with an 'Excellent' Band and five stars rated by Institute Innovation Council, Government of India for its Excellence in the research, startups, Intellectual Property Rights and Incubation units.
- The college got approval from AICTE for the scheme KARMA under Model 3 for developing the skill set of the tenth and plus 2 students.
- The college has got funding of Rs 29.4 Lakhs from National Institute of Electronics and Information Technology (NIELIT, Chennai, Govt. of India) for running three PG Diploma programs.
- The college has approval from JNTU-H for running the B.Tech Honors and Minors program. It is observed that only 12 colleges under JNTU-H have got the approval and SMEC is one among them.
- PEOs, PSOs for the new courses are not available.
- Development of E - Content modules for the academic courses are less.
- Number of value added and socially relevant course are less.
- Government funding projects are available in Civil, Mechanical & EEE departments but not seen in CSE, IT and ECE departments.



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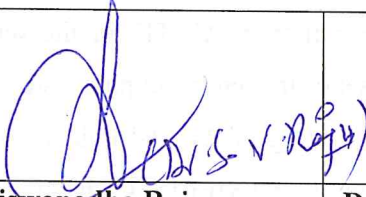

Recommendations:

1. PEOs, PSOs for the new courses should be framed.
2. Development of E - Content modules for the academic courses.
3. Increase in number of value added and socially relevant course is required.
4. Focus to obtain Government Funding in CSE, IT and ECE departments.

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.


The institution reviews its teaching learning process, structures and methodologies of operations and learning outcomes through IQAC set up as per norms.

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. S. Viswanadha Raju, Professor, Computer Science and Engineering, JNTUH University College of Engineering, Jagtial.	Dr. P. Sridhar, Dean IQAC & Professor in EEE, Institute of Aeronautical Engineering, Secunderabad

Seal of the Institution




15/10/2022

Signature of Head of the Institution with date and seal

Dr. P. Santosh Kumar Patra
PRINCIPAL
St. MARTIN'S ENGINEERING COLLEGE
UGC - AUTONOMOUS
Survey No. 98 & 100, Dhulapally (V)
Secunderabad-500100, Telangana.