

IQAC -ACADEMIC AND ADMINISTRATIVE AUDIT

(Review Report)

Date of Audit: 26/05/2022

Expert Peer Team Members

	Name	Affiliation
1	Prof. Sam Seshan	Emeritus Professor, Dept. of Mechanical Engg, IISc, Bangalore
2	Prof.PandurangaVittal K	Professor, Dept. of Electrical and Electronics Engg, NITK, Surathkal
3	Prof.Bheemarjuna Reddy Tamma	Professor, Dept. of CSE, IIT Hyderabad

M S RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, Affiliated to VTU)
MSRIT Post, MSR Nagar.Bangalore-560054

I. SPECIFIC OBSERVATIONS ON ACTIVITIES OF THE INSTITUTION during 2018-2021.

	Activity	Observations (Yes/No)	Comment
1.	Activities reflecting the goals and objectives of the college	Yes	
2.	New Academic Programs initiated (UG & PG)	Yes	NO PG Programs initiated.
3.	Innovations in curricular design and transaction	Yes	
4.	Examination reforms implemented	Yes	
5.	Candidates qualified for NET / SLET/ GATE	Yes	505 candidates qualified
6.	Candidates joined for Higher Studies	Yes	225/204/245 Qualified in 2018-19, 2019-20, 2020-21
7.	Initiative towards faculty development programme	Yes	41, 44, 35 over 3 years
8.	Total number of seminars / workshops conducted	Yes	24, 49, 16 over 3 years
9.	Publication Details	Yes	1133 Scopus over 3 years
10.	Patents generated	Yes	6 granted, others in pipeline
11.	New collaborative research programs/ Centres	Yes	5

12.	Research grants received from various agencies	Yes	≈ 7 Crores Sponsored, ≈ 3 Crores consultancy
13.	Details of research scholars	Yes	331
14.	Citation index of faculty members (Few Members)	Yes	16 faculty with H-index ≥ 10.
15.	Honours/Awards: National and International (Curricular and Extra Curricular)	Yes	65, 152, 64 over 3 years
16.	Community services	Yes	
17.	Teachers and officers newly recruited	Yes	20, 13, 34 over 3 years
18.	Teaching – Student ratio	Yes (1:15)	
19.	Improvements in the Library Services	Yes	
20.	New books/journals subscribed and their value	Yes	74 lakhs & 7 lakhs
21.	Courses in which student assessment of teachers is introduced and the action taken on student feedback	Yes	
22.	Feedback from stakeholders	Yes	
23.	Unit cost of education	Yes	2.01 lakhs during 2020-21

24.	Increase in the infrastructural facilities/Technology upgradation	Yes	
25.	Computer and internet access and training to teachers, non-teaching staff and students	Yes	3537 computers 1800 mbps speed
26.	Financial aid to students	Yes	50 students only, it can be enhanced.
27.	Activities and support from the Alumni Association	Yes	Scholarships, mentorship, infra.
28.	Activities and support from Proctorial System	Yes	usage of digital tools is recommended.
29.	Health and Counselling Services	Yes	Medical insurance. Hospital on campus.
30.	Performance in sports activities	Yes	58188, 1 [Covid effected] over 3 years.
31.	Incentives to outstanding sportspersons	Yes	Admission of sportspersons.
32.	Placement services provided to students	Yes	Skill dev Progs. Good placements.
33.	Linkages developed with National/ International, academic / research bodies	Yes	MOUs, Joint Projects
34.	Action Taken Report on the AQAR of the previous year	Yes N/A	No comments from NAAC. Submitted data is accepted.
35.	Institute Development Plan	Yes	

II. SPECIFIC OBSERVATIONS ON TEACHING-LEARNING-EVALUATION

Item	Comment (yes/No)	Observations
1. Academic calendar prescribed?		YES
(a) Odd, Even & Supplementary Semesters specified ?	Yes	
(b) Registration of Courses specified ?	Yes	
(c) Dropping of Courses specified?	Yes	
(d) Withdrawal from Courses specified?	Yes	
(e) CIE, SEE & Result Schedules specified, ?	Yes	
(f) Dropping of Courses specified?	Yes	
(g) Withdrawal from Courses specified?	Yes	
(h) CIE, SEE & Result Schedules specified?	Yes	
2. UG Curriculum design based on AICTE / VTU guidelines?		YES
(a) Procedure followed, ?	Yes	
(b) Breakdown of Course work ?	Yes	
(c) Electives in New/Emerging topics?	Yes	
(d) Design problems/lab. work/ IT applications/Project?	Yes	
(e) Frequency of revision?	Yes	Major revision every 4 years
3. PG Curriculum design based on AICTE / VTU		YES

guidelines?		
(a) Procedure followed?	Yes	
(b) Breakdown of Course work?	Yes	
(c) Electives in New/Emerging topics?	Yes	
(d) Design problems/lab. Work/ IT applications/Project?	Yes	
(e) Frequency of revision?	Yes	Every 2 years
4. Teaching & Course delivery as per modern practices?		YES
(a) Methods followed ?	Yes	
(b) Tutorials arranged as specified?	Yes	For some courses, as per curriculum.
(c) Course work beyond the prescribed syllabi ?	Yes	
(d) Course work beyond the prescribed syllabi?	Yes	
(e) Getting students feedback & using it?	Yes	
5. Learner –Centric initiatives taken?		YES
(a) Computing facilities?	Yes	
(b) Library Collections / Reading Rooms / services?	Yes	
(c) Broad-band Intra/Inter-net Access on campus?	Yes	
(d) Seminars / Technical contests arranged?	Yes	
(e) Getting students feedback & using it?	Yes	

6. UG Examinations by following VTU guidelines?		YES
(a) CIE breakdown informed to registrants?	Yes	
(b) CIE question papers quality / standard?	Yes	
(c) CIE answer scripts valuing practices?	Yes	
(d) SEE question papers covering full Syllabi?	Yes	
(e) SEE question paper setting by external experts?	Yes	
(f) SEE question papers quality/standard?	Yes	
(g) SEE answer scripts review by external experts?	Yes	
(h) Project work guiding / conducting monitoring?	Yes	
(i) Project work marking(CIE+SEE) & grading (j) Converting courses(CIE+SEE) to letter grades?	Yes	
(k) Converting Letter Grades to GPs & to GPAs?	Yes	
(l) Confidentiality maintained in record keeping?	Yes	
(m) Applying passing standards by CGPA etc.?	Yes	
(n) Provision made for Make-up examinations?	Yes	
(o) Provision made for appeal by students?	Yes	

7. PG Examinations by following VTU guidelines?		YES
(a) CIE breakdown informed to registrants?	Yes	
(b) CIE question papers quality / standard?	Yes	
(c) CIE answer scripts valuing practices?	Yes	
(d) SEE question papers covering full Syllabi?	Yes	
(e) SEE question paper setting by external experts?	Yes	
(f) SEE question papers quality/standard?	Yes	
(g) SEE answer scripts review by external experts?	Yes	
(h) Project work guiding / conducting monitoring?	Yes	
(i) Project work marking(CIE+SEE) & grading (j) Converting courses(CIE+SEE) to letter grades?	Yes	
(k) Converting Letter Grades to GPs & to GPAs?	Yes	
(l) Confidentiality maintained in record keeping?	Yes	
(m) Applying passing standards by CGPA etc.?	Yes	
(n) Provision made for Make-up examinations?	Yes	

(o) Provision made for appeal by students?	Yes	
8. Any major deficiencies noticed?		NO
(a) Academic Calendar	NO	
(b) UG Curriculum Design	NO	
(c) PG Curriculum Design	NO	
(d) Teaching / Course Delivery	NO	
(e) Learner Centric Initiatives	NO	
(f) UG Examination Practices	NO	
(g) PG Examination Practices	NO	
9. Any Best Practices introduced?		YES
(a) Academic Calendar	Yes	
(b) UG Curriculum Design	Yes	
(c) PG Curriculum Design	Yes	
(d) Teaching / Course Delivery	Yes	
(e) Learner Centric Initiatives	Yes	
(f) UG Examination Practices	Yes	
(g) PG Examination Practices	Yes	

10. Overall Observations and recommendations, if any

- ① Placement Company Feedback on Human Resource shall reflect in Curriculum Improvement.
- ② Faculty shall target their publications in Q1 & Q2 Journals only
- ③ Faculty shall attend & publish papers in Flagship Conferences and also host flagship Conferences.
- ④ It is essential to conduct ^{workshops in} cutting edge domains.
- ⑤ It is essential to collaborate with Centrally Funded Technical Institutes of India.
- ⑥ Absolute & outdated positions shall be discarded.
- ⑦ COE positions shall be better utilized by Institution and other Collaborators.

Signatures:

Prof. Sam Seshan

Prof. Panduranga Vittal K

Prof. Bheemarajuna Reddy Tamma

Place:

Bangalore

Date:

26/05/2022