SUMMARY OF RECOMMENDATIONS (JULY 2019-JUNE 2020)

1. Project Based Learning component in teaching has to be given considerable emphasis in the subjects being offered in Odd Semester, as PBL in the odd semester 2019 is quite poor, nearly 50%.

2. Development of new labs for conducting advanced experiments in various disciplines is required as per faculty feedback.

3. The Departments of ECE, CSE & IT and JBS are advised to make sustainable efforts to increase the enrolment of M.Tech/MBA students and ECE department may take additional steps to increase the enrolment in Ph.D. program as well.

4. The publications in journals listed in SCI/SCIE/Scopus indexed journals have increased marginally in CY2019 as compared to CY2018. The departments are required to strive to improve the ratio of journal papers/eligible faculty to 2.0. Presently it is 1.19.

5. The joint supervision of M. Tech. Dissertations and Ph.D. theses is to be undertaken more seriously by the departments to explore a visible interdisciplinary approach to research amongst various disciplines.

6. There are very few review articles in journals among all the departments. The faculty members may contribute more review articles in journals.

7. Based on parent's feedback following recommendations may be considered:

    a) Important subjects like Data Structures and algorithms could be revised for the students in 6th semester just before placements start for improving their performance in the interviews.

    b) Parents have expressed a view that students from ECE & BT who are willing to go for CSE/IT area for placements, may opt for CSE/IT as minor specialization.

    c) FDPs on teaching methodology & evaluation strategies may be organized for new faculty members.

    d) More SDPs may be organized for Administration, Registry & Accounts regarding verbal and written communication, time management and about creating a good rapport with students and alumni.

    e) One day in a semester might be reserved for parents to interact with faculty/registry/etc in person. More communication and updating to parents about the Institute and their ward may be put into practice.

8. The Departments of ECE, CSE & IT, PMSE, Mathematics, JBS and Biotech may organize workshops/short term courses of 2 weeks duration.

9. Department of JBS is advised to organize FDP while Department of HSS is advised to organize workshops and expert lectures.

10. The Departments are recommended to interact/collaborate with international researchers and Industry for consultancy and joint R & D projects.

11. Measures are to be taken for more participation of students in sports activities.

12. A centralized provision in the Institute to collect information regarding the awards won by students in off-campus events may be made.

13. Creation of a centralized Data-Cell may be considered.

14. Student Entrepreneurship and incubation cell that was created on campus needs to be further strengthened to yield measurable outcome.

15. Department of Training & Placement may facilitate students in obtaining their summer internship in companies invited for placements.

16. Department of Finance should communicate objections immediately to concerned person and the method to overcome them. The Department should prepare and communicate SOPs.

17. An attempt could be made for getting funds from external agencies for NSS. One person who is dedicated for handling day to day work and maintaining records may be provided to NSS team.

18. The Institute may conduct webinars open to public of general nature such as awareness of computer, internet, apps, security issues, AI, basic proficiency in PC use, etc.

19. Smart Class facilitation may be arranged by procuring the following items in a phased manner:
    - Google Jam Board.
    - Digital pad and pen for Laptop/PC.
    - Document Camera.
    - Digital Visual presenter (like Elmo). (Visual presenters allow displaying documents and objects for entire audience to see).
    - Windows 10 and office 10 up gradation in Faculty Laptop/PC.
    - Interactive white board technology for online teaching.
    - Wireless Microphones for classroom in case of offline teaching.
    - Software such as Adobe Flash Media Live Encoder having editable PDF file features.