# SCIM Govt Degree College,Tanuku

<span style="color:red">INTERNAL QUALITY ASSURANCE CELL</span>

11th September 2020

**BEST PRACTICE 1**

# 1 Title of the Practice:

Shifting towards a 'student centric' ICT enabled Education in the College.

# 2 Objectives of the Practice:

- To lean towards an alternate teaching methodology to back up existing predominant lecture methodology to ensure enhancement of teaching-learning process with student centric approach.

- To elevate the role of the lecturer into a facilitator, transformer and educator from being a passive 'dispenser of knowledge' .

- To develop a culture to the student to adopt ICT techniques to enrich himself by self- learning from available ICT tools and e-resources .

- To make student competent so as to meet global challenges.

# 3 The context that required the initiation of Practice:

The present learning system is following predominant lecture methods with the traditional tools like black board and chalk and it is the need of the hour to change it so as to make the teaching more interesting and learning more easy to transform our students to compete and withstand global competition in the new technological revolution era. The introduction of Choice Based Credit System (CBCS) has brought radical changes in the curriculum. A wide spectrum of courses is offered to the student for his choice as elective papers in order that application oriented and skill-based courses are being opted by students rather than traditional courses, for which ICT Enabled education becomes necessary.

# 4 The Practice:

College established biometric attendance system for all Teaching, Non –Teaching, and Students with Integrated Attendance Management System (IAMS) . Further using this IAMS application , staff used take attendance of students by cellular mobile phones. This is linked to financial assistances from Government like scholarships, etc., This was first major move so as to create an ambience that college was moving towards ICT enabled Education. Next, three digital class rooms and one virtual class room were established. Live sessions were telecasted from our college and on the other end the colleges , which were equipped with virtual class room facility, either in the district or in the state received these sessions on the their requirement respectively. Further staff was encouraged to utilize smart boards and other facilities in digital class rooms. Two lecturers were trained in one week orientation workshop on "OER, CONTENT DEVELOPMENT,MOOCS AND MOODLE" organized by NIT Warangal , Spl.CCE AP and APSCHE ,sponsored by Ministry of Electrononics and Information Technology, Govt of India. Consequently these two lecturers trained remaining lecturers on the same theme. Thus all the staff was technically updated to utilize ICT tools. Coming to the students side, five value added foundation courses ,three on 'Communication and Soft Skills'  two on 'Information and Communication Technology' , each of which is with a weight of 2 credits,30 teaching hours  50 marks, were made compulsory to qualify by the affiliating university. This enriches the students to learn the respective courses on ICT based platform. Campus was made Wi-Fi free campus with four internet connections each which 50mbps speed and one AP fiber net connection of 100mbps.

# 5 Obstacles faced if any and strategies adopted to overcome them:

At the beginning even majority of both staff and students was not willing to move to ICT enabled education due natural human nature of hesitation to adopt new methodology of teaching. But on one hand, using Orientation program and Student Mentoring System, students were brought into the awareness on importance of ICT enabled education in order that they were eager to adopt new methodology of learning; on the other hand staff were motivated by IQAC to meet the aspirations of students regarding this new methodology to enhance teaching, learning evaluation process, and finally both parties converge to adopt ICT methodology to enrich themselves. Another major setback is that almost all the students were from socially, economically downtrodden sections of the society so that they were unable purchase tools like laptop or computer. This was overcome by providing free access to the students into Placement Cell cum ELL Computer Science Laboratory where computers were installed as per their time of convenience. Besides above lacunae, another issue was arisen due to language of learning. The students were basically from Telugu medium up to previous studies whereas above said five value added courses had to be taught and write examinations in English only. This lead a fall in the result of those courses and consequently it affected overall pass result of College. By engaging one more full time guest faculty in the course of computer science and delivering the concepts at the understanding level of students, this shortcoming was overcome.

# 6 Impact of the Practice:

Teaching staff were tuned to utilize ICT tools and elevated themselves as facilitator, transformer and educator. ICT culture was developed in the campus and the students were of confident to compete with students of Private/ Corporate colleges. Students, who had used to do different kinds part jobs for their pocket money previously, were doing a kind of smart jobs

# 7 Resources required:

All ICT equipment was funded by RUSA. Honorarium for computer faculty who was engaged was funded by College Planning and Development Committee. Honorarium of Mentors of Placement Cell (JKC) was met by budget released by Spl.CCE.

# 8    Contact Details:

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