## Annual Progress Report of
## Teaching, Learning and Educational Technology (TLET) Cell
## For Higher Education Institutes in Goa
*As part of the implementation of National Education Policy- 2020*

**Please note that, there is no space limit. Thus, if required you may expand any of the following sections (*with the spaces provided below*).**

*Objective 1:* **Outcome based Education (OBE) and Orientation programmes to College faculty**

1.1) To impart high quality education, to assess and evaluate the effectiveness of the teaching-learning process in HEIs.

> Orientation programme was conducted by Directorate of Higher Education on outcome based Education for all the faculties of college.

1.2) To measure Programme, Course and individual student attainment. Give details.

> - Programme outcomes, specific programme outcomes and course outcomes were framed.
> - As per the marks scored by the individual student mapping of the outcomes was done.

1.3) Strategise and recommend ways to improve NAAC accreditation & NIRF ranking.

> - Faculty development program to understand NAAC process was conducted in coordination with Directorate of higher education.
> - Various committees are conducting activities as per requirement of NAAC.

1.4) Ways to provide high quality education in line with the NEP recommendation.

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1.5) To create an ecosystem of motivated faculty and students.

1.6) Any other information /activities conducted based on OBE.

> Training session on " Result attainment analysis- Mapping of CO-PSO -PO " on 9/2/23

## *Objective 2:* **Pedagogy and  Education Technologies**

2.1) To promote the use of the latest teaching pedagogy and educational technologies among faculty. Give details.

- Workshop on use of Google Classroom as learning management system was conducted for all the faculties.
- Workshop on use of smart board and various ICT tools was conducted for all the faculties.
- Encourage the faculty to have some of their classes based on mobile/internet-based TL.
- Free high-speed wi fi for faculty.
- Smart room
- Computer Tablets for use by faculty
- Well-set recording and editing studio
- Resource room

2.2) Faculty Development Programmes (FDPs) attended/organized for teaching faculty in areas of Teaching, Learning Education Technologies. Give details.

- Organised Workshop on use of Google classroom as learning management system was conducted for all the faculties.
- Organised Workshop on use of smart board and various ICT tools was conducted for all the faculties.
- Workshop on "Experiential learning "
- Team based Learning ( TBL) FDP attended organized by DHE
- FDP on " Critical thinking "organised by DHE
- Organised Workshop on " Using Digital sources effectively in research and learning" for  BA teachers and students
- Organised Workshop on LaTex

## *Objective 3:*  **Massive Open Online Courses (MOOC)**

3.1) Initiatives taken by college to develop and create MOOC

- Full fledge Studio is set up to record video content for developing MOOC.
- Correspondence is through organizing a faculty development programme on "Creation of MOOC" in coordination with the teaching

learning center of Ramanujan College- Delhi University.

3.2) Give details of promotion of MOOC courses in the college.

- Students are encouraged to do courses through SWAYAM etc.
- Self-study modules are given to students through DISHTAVO
- Self-study courses are suggested to students to bridge the knowledge gap between Non-CBCS and CBCS syllabus, aiding in student progression to HEI.
- Facility in time table, upon student discretion, is provided
- Students are trained to conduct and record their classes using smart board and the same is uploaded on college youtube channel.

3.3) Whether any proposal is submitted to DHE or other agencies for creating MOOCs. Give details.

No

*Objective 4:* **Use of ICT in classroom teaching & Blended learning using Dishtavo teaching modules and other ICT Tools.**

4.1) List the ICT tools used by faculty for effective teaching-learning process in the college.

- Google Classroom
- Wikipedia
- C Map
- Blog
- Podcast
- Google Doc
- Virtual lab
- Database
- Virtual Map
- You Tube
- Insert Learning
- Open broadcaster Software (OBS)
- Presentation tools as Canva, Google slide, Prezi
- Academic tools – Zotero, LaTex
- Game based education as Kahoot, Quizzes
- Digital tools as Geogebra, Arduino

4.2) Use of ICT tools for effective curriculum delivery for teaching-learning and evaluation process.

- Same as above

4.3) List the training programs/workshops conducted by college to promote ICT tools among faculty.

- Workshop to train faculty on use of Goggle classroom.
- Workshop to train faculty on use of Smartboard and various ICT tools.
- Workshop on LaTex
- Conducted FDP on " Experiential learning".
- Workshop on " Using Digital sources effectively in research and learning"

4.4) Give suggestions for creating the additional infrastructure/technical requirement for ICT implementation in college.

- A self content TL centre

- **Best Practices**

List the best practices by TLET Cell of the Institute: (*if any*)

- Through TLET college has started STEM cell wherein student teachers will develop STEM activities which will be promoted in nearby schools in Pernem , Taluka.
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- **Future Plan**

List the measures to improve the knowledge and appropriate planning for achieving the mentioned TLET objectives.

- Conduct FDP on topics such as development of MOOC'S, Blended learning concepts and tools, Advanced pedagogical techniques, Ecotent development etc.
- MOU with TL centre ( RC MOOC) Ramanujam College and create own MOOC
- Promoting STEM activities through student teachers in schools.
- Promotion of 21st Century Skills along with IQAC

- **Challenges**

List the challenges for the TLET Cell for achieving the mentioned TLET objectives.

- *Intense Curriculum framework, leading to time constraint to pay extra attention towards developing skills among teachers and students.*
- *A separate Monetary head towards TLET cell activities and purchases*