BEST PRACTICE – 1

1. Title of the Practice: **"Rigorous ICT Teaching Learning Practice" (RITLP)** - Amidst Covid-19 Pandemic during the session 2020-21 it was need of the hour to transit from offline to online mode, so it was decided to introduce RITLP impromptu.

2. **Objectives ofthePractice:** This was introduced with the aim to meet the challenge to the teaching-learning process due to the abrupt pandemic situation of Covid-19. The intended outcome of this practice was-
   a) To continue the Teaching-learning process through virtual mode.
   b) To bring out students community from the newly created situation of anxiety and depression in the field of education due to pandemic through regularity in classes.
   c) To complete the courses of different programmes in due course of time.
   d) To make students and teachers friendly with Virtual mode of learning.

3. **TheContext:** In the running educational environment the sudden appearance of Covid-19 Virus affected badly the entire world. In purview of that situation the Govt. of India declared lockdown on 24th March 2020. Such a sudden disruption in the educational environment created havoc and teacher-student community were in break down. To face the situation the college authority decided to introduce "Rigorous ICT Teaching Learning Practice" (RITLP). In the early stage, both students and teachers faced difficulty to cope up with the abrupt changing scenario. However, on the other hand the teachingcommunity has the responsibility to impart and complete the course on time. Hence in the initiative of the Principal and IQAC, the college succeeded to cope up with the situation with full cooperation from the teaching fraternity. Within a short period, most of the faculties succeeded in bringing out the students from the unexpected situation of teaching environment created due to COVID19 and continued the teaching-leaning process through virtual mode successfully.

4. **ThePractice: (a) Uniqueness of the Practice**: RITLP is unique for its prompt launching and adoption by students and teachers of the institution. On its inception it was hard to believe its success rate but it proved everyone wrong when 100% course completion is reported by various departments. The entire practice was to deliver classes using virtual platforms like: - Zoom, Google Meet, Microsoft Meet, Google Classroom, Cisco Webex, Screen Recorder etc. All these modes were new for students and teachers but experimental learning was seen and even tutorial videos were also shared with students to acquaint them with the use of aforesaid. **(b) Constraints/Limitations:** (i) Network connectivity was biggest limitation to us in the beginning but latter it was decided that recorded classes can be shared with the students so that they can see through the classes as and when the network is available. (ii)Another limitation to the practice was non-

availability of required gadgets (smart phones, laptop etc.) with some students residing in remote areas or hailing from economically weaker section of society. This could not be resolved in the real sense but few students could arrange for the same in the coming days. (iii) Electricity was also another constraint as uninterrupted electricity was not available for students residing in remote areas/ in the flood affected areas.

5. **EvidenceofSuccess:**
- 100% Course was completed on time.
- Students were contended with course completion as it got reflected in Students feedback.
- All the teachers became well versed with the use of Virtual Class.
- Students were also well versed with the use of virtual classes as they were asked to schedule and manage classes.
- Personal monitoring by authority (by joining in the live classes) found that the quality of the virtual classes were satisfactory.
- Good pass percentage in various programmes of the institution during the session 2020-21(BA: 100% (Major); 99% (Non-major) and B.Com.: 100%/) reflects well on satisfactory outcome.

The result of the implementation of RITLP indicates the following-
- Any unexpected situation created in teaching-learning process can be tacked by sincere dedication and effort.
- Due to time constraint, if it seems not possible to complete a course in offline mode, one can cover it up through Blended mode.
- It upgrades the skills of teachers-students in digitization of education.
- Creation of Dizital materials (Lecture video, PPTs, PDF study materials etc.) is one of the best outcomes of this practice.

6. **ProblemsEncounteredandResourcesRequired:**
The followingproblemswere encountered in implementingthepractice-
- From Teachers point of view it was seen sometimes that they had also limited access to internet.
- Few teachers (Especially Ad-hoc/Contractual) were also found bearing extra financial burden of buying teaching assisting equipment/gadgets (laptop, Smartphone, Dongle, Tripod stand etc.)
- Students also faced the same issue with regard to internet, Smartphone, laptops etc.
- Department of Computer science assisted as a facilitator to the practice but the number of faculties can be increased to get more assistance in the coming days.
- High speed Wi-Fi connectivity in the campus was helpful to implement the practice smoothly.

7.**Notes (Optional):** The Institution is continuously trying to upgrade its teaching-learning process by increasing the use of ICT tools in classroom teaching. The Covid 19 Pandemic situation was taken by the institution as an opportunity to upgrade the learning environment. As the college authority has provided ICT tools in different classrooms for making the teaching-learning process more interesting and effective, the implementation of the RITLP practice in the session 2020-21 proved helpful as it appears that during the current session 2021-22, number of classes taken by teachers using ICT tools have been remarkably increasing. Some departments even requested the authority to provide ICT tools in their other classrooms or to provide them the same if they have not such facility in their departments. Authority also, in order to upgrade the teaching-learning process, preparing to provide more ICT facilities to such departments. So, the RITLP practice of the college has proved relevant for the changing scenario.

BEST PRACTICE – 2

1. **Title of the Practice: "GYAN VRIKSHA"**– A mission to provide academic resources to the underprivileged schools and thereby to ensure eradication of academic disparity among privileged and underprivileged institutions.

2. **Objectives of the Practice**: GyanVriksha is a long term mission with the following goals-
   • To adopt schools of this region and to provide necessary academic and infrastructural help to these underprivileged academic institutions.
   • To bring the vast Library resources of the College to the doorsteps of the academic institutions of the region (Mobile Library under GyanVriksha Mission).
   • To provide the services of the Guest Lecturers at the institutions of the region.
   • To undertake a sustainable drive to Popularize science and Mathematics in the region
   • To popularize Astronomy among the masses in order to eradicate superstitions related to celestial events

3. **The Context**: The feeder region to this College is one such region where mostly the socio economically disadvantaged people dwell. Social unrest, poverty, susceptibility of the youths to the lure of anti social and anti national elements, superstition, witchhunt etc. are the major ailments that have been crippling the society. It is believed that Academic development of the region can solve these to a good extent. Being an academic institution with sufficient resources and trained manpower, it is our duty to help them.

4. **The Practice**: The Mission has a multifarious Character, and hence has multi dimensional activities of its different wings:

(a) **Adoption of School**:
- MoUs have been signed with some schools.
- Students of the said schools are invited to the College and free coaching/ training are given on various topics of their need.
- Students from these schools are invited to Exposure Camps that are organized in the College and are given exposure to various fields.
- Helps are provided in establishing science laboratories in the schools
- Visiting lecturer are sent periodically to these schools

(b) **Mobile Library**: It is an Extension service wing of the College library. Interested institutions have to apply for and acquire Institutional Membership (free). On their request 50 books are provided to them (delivered in their door steps) on loan basis for one month. Spot Reading and Story Telling programs are organized for the kids in schools.

(c) **Knowledge Resource Centre**:
- Expert Man power, Guest faculties are provided to various schools on request.
- Proper experimental procedures are demonstrated
- Teachers are trained in their respective fields
- Exposure Camps are organized
- Disadvantaged schools are provided technical help to establish science laboratories.
- Free access to our digital resources is provided.

(d) **Exposure Camps**:
- Held twice in a year, the Summer Exposure Camp and the Winter Exposure Camp. The camps are of duration ranging from one week to one fortnight.
- Selected students from various schools from the surrounding regions are invited to the camps with their teachers.
- Exposures to different fields viz. Humanities, Science and technology, Environment protection, sports, music, health care, Yoga etc. are provided.
- Topics of their syllabi are also discussed using various teaching aids.

(e)**Popularization Camps on Science and Astronomy**:
- Organized in remote schools, clubs mainly in rural areas
- Resource persons from the College go there and perform various day long activities to popularize science and astronomy among the masses, especially among the kids.
- During Eclipses activities are organized in a rigorous manner to remove misconceptions and eradicate superstitions.

5. **Evidence of Success**:
- Phobias among the students about science and mathematics have been minimized.
- Interest in observational Astronomy have been growing
- Environmental awareness is on the rise
- Superstitions related to solar eclipse have declined

6. **Problems Encountered and Resources Required**:

• The College and persons involved in the mission have to bear a substantial financial burden in organizing Exposure camps, Popularization camps.

• Communication to the remote schools is an issue of concern as sometimes we find that the roads are not motorable. In such cases it becomes difficult to carry our instruments/ teaching aids.

• The Social backgrounds of some participating students are so poor that the motivations that they get in the camps are lost as soon as they enter their homes.

• The teachers of some schools are ill equipped and most of them are not trained.

7. Notes (Optional): During the Session 2020-2021, due to lockdown it was not possible for the institution to properly execute most of the aspects of the practice. However,
(a) The National Science Day on 28.02.2021 was observed in this session at Kordoiguri Girls' ME School, Kordoiguri, Tinsukia Assam.

    i.   The Principal of the college Dr. Rajib Bordoloi on the occasion presented a fruitful, effective and motivational lecture on C.V.Raman's life, works and contribution towards the Nation and presented an audio-visual presentation on "Raman Effect".

    ii.   A Science Model Competition was organised where 07 (seven) groups of students participated.

    iii.   More than 75 (seventy five) teachers and students participated in the programme.

(b) The Principal of the college Dr. RajibBordoloi offered a speech in ALL INDIA RADIO, DIBRUGARH in 'University Broadcast' session on the topic "NACKED EYE ASTRONOMY AND STAR GAZING" which was broadcasted on 02.04.2021 at 9 PM.

(c) Some teachers of Women's College, Tinsukia visited Makum College, Makum to share some view on academic mattes on 15.10.2020.

(d) IQAC coordinator of the college Dr. Budul Ch. Das shared the experiences with a team of Makum College, Makum regarding the matter of preparation of AQAR for NAAC Accreditation and has given a preliminary roadmap plan for the same from 12 PM to 3 PM on 12.03.2021.

(e) The Mobile Library, a unique concept run by the central library (to make its resources available at the doorsteps of other needy institutions) of the college, during the session 2020-21 has visited Gopal Krishna Girls' High School, Makum, Tinsukia, Assam which is 10 KM away from the college on 20.01.2021. A total number of 56 books have been issued to the school for 30 (thirty) days and approximately 250 students were benefitted.

Contact Details

Name of the Principal: Dr. Rajib Bordoloi
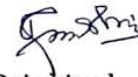Name of the Institution: Women's College, Tinsukia
City: Tinsukia, Pin Code: 786125, Assam
Accredited Status: B++ (2017)
Work Phone: 0374 2338826 (Office)
Website: www.wcttsk.ac.in, E-mail: wcttsk@gmail.com
Mobile: 8721877856 (Principal)

Principal
Women's College, Tinsukia

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