



Kasegaon Education Society's

Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute & Affiliated to Shivaji University, Kolhapur)

IPL Best Practices

1. Title of the Practice: Making classroom delivery interactive and joyful through Innovative Practice League (IPL) competition at the Institute level

2. Objectives of the Practice:

The major purpose of this practice is to promote use of active learning methods in the classroom delivery. This practice encourages teaching faculty members to use innovative methods in classroom delivery to make students learning experience interactive and joyful. Following are various objectives of this practice:

- i) To motivate teaching faculty members to use innovative practices and active learning methods in academic delivery.
- ii) To ensure 100% faculty members implement this concept in holistic manner and further reward best performers at the Institute level.
- iii) To improve effectiveness of online academic delivery during pandemic period.

3. The Context:

Research shows us that it is not possible to transmit understanding to students by simply telling them what they need to know. Instead, teachers need to make sure that they challenge their students' thinking. With active learning, students build knowledge and understanding in response to opportunities provided by their teacher. It helps to improve metacognition and self-efficacy.

Innovative Practice League (IPL) competition introduced in the Institute from academic year 2017- 2018. Purpose of this competition is to promote Active learning methods, Experiential learning methods, Project-based learning, and other innovative teaching-learning practices.

Due to Covid-19 pandemic academic Institutes were greatly depending on online academic delivery. Ensuring effectiveness in online academic delivery is highly important. Recent IPL competitions (IPL 2020 and IPL 2021) designed to motivate individual faculty members and academic departments for showing their best performance in the online academic delivery.



Kasegaon Education Society's

Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute & Affiliated to Shivaji University, Kolhapur)

4. The Practice:

Innovative Practice League (IPL) competition organized every year in even academic semester. As part of this competition, every faculty member needs to present one innovative teaching learning practice that is used by him/her during classroom delivery. This competition is conducted in two stages – Firstly at each department level and then at Institute level. The evaluation criteria for each stage are pre-announced.

Department level presentations are attended by an observer from other academic department. Each department shortlists two best practices and the selected faculty members present their innovative practices at the Institute level. Top innovative practices are awarded with cash prizes and appreciation certificates.

After Covid-19 the nature and format of IPL competition changed in order to focus on effectiveness of online academic delivery. The IPL-2021 and IPL-2022 addressed various challenges related with improving quality on online academic delivery.

5. Evidence of Success:

IPL competition started in the Institute from 2017-18 academic year. Till date this competition is conducted 4 times with 100% faculty members participating in the same.

Sr. No.	Academic Year	Total Number of Faculty Presented their work	
		Department Level	Institute Level
1	2017-18	183	20
2	2018-19	180	22
3	2019-20	171	10
4	2020-21	171	7* (Respective Head of The Department)

IPL helped many faculty members to present and publish their innovative practices in different pedagogical research Conferences and Journals.

Faculty paper publication in International Conferences in pedagogy area

Sr. No.	AY	Name of Conference	Total No. of Papers
---------	----	--------------------	---------------------



Kasegaon Education Society's

Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute & Affiliated to Shivaji University, Kolhapur)

1	2017-18	ICTEE	16
2	2018-19	ICTIEE- Hyderabad	25
3	2018-19	ICTIEE- Chandigarh	07
4	2019-20	ICTIEE	32
5	2020-21	IIEECP	11
6	2021-22	ICTIEE	06

Faculty paper publication in Journal of Engineering Education Transformations (JEET), a peer reviewed International Journal (UGC CARE listed/Scopus indexed)

Sr. No.	AY	Total No. of Papers
1	2017-18	04
2	2018-19	03
3	2019-20	03
4	2020-21	04
5	2021-22	11

Total prize money distributed in last 4 occasions of IPL is Rs. 40,000/- Overall IPL has major contributions in implementation of interactive, innovative and joyful teaching learning practices in the Institute.

6. Problems encountered and Resources required

Following challenges addressed by the Institute for successful implementation of this practice:

1. Faculty awareness and training about activity based teaching learning methods
2. Faculty hands-on training on ICT tools useful for effective online academic delivery



Kasegaon Education Society's

Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute & Affiliated to Shivaji University, Kolhapur)

3. Upgrading ICT infrastructure to have smooth online academic delivery experience

Following resources required during implementation of this practice:

1. Administrative support from management and administrative authorities.
2. Budget provision for training of faculties and rewarding best performers
3. Increasing availability and upgrading of computing facilities, Internet bandwidth and connecting devices like Web camera, Writing pad, Mikes, etc.

7. Notes

IPL (Innovative Practice League) helped in improving classroom interaction experience in the Institute. This practice can be implemented in other Institutes with financial and administrative support from higher management. Competitive feeling helps in better learning.

For more IPL details:

<https://www.ritindia.edu/index.php/academic-itl-innovative>

7.2.1 Best Practices: Reading Club

1. Title of the Practice: Reading Club Activity for faculty

2. Objectives of the Practice:

The objective of this activity is to improve the reading habits of faculty and inculcate the reading culture at the institute. The practice demands reading of books other than technical in nature like biography, motivational, leadership development etc. It helps broaden the persona and perspectives of the readers. The faculty members share their reading content and experiences with other faculty members of the department. Hence, another objective of this practice is to initiate the idea exchange among the faculty members thereby promote their presentation skills and cohesion.



Kasegaon Education Society's

Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute & Affiliated to Shivaji University, Kolhapur)

3. The Context:

RIT's Central Library has started the Reading Club Activity to enhance the reading habits of the faculty. The benefits of reading are mental stimulation, stress reduction, knowledge, vocabulary expansion, stronger analytical thinking skills, improved focus and concentration and better writing skills along with personality development of the faculty members. The NAAC committee members during their visit at the institute had interacted with faculty members on reading habits and advised to read non-technical texts so as to improve thinking and language skills. The management then weighed in this suggestion and decided to implement this practice.

4. The Practice:

The groups of faculty members are formed in each department for reading and knowledge sharing discussions. The faculty groups are formed voluntarily. The ideal group size recommended is of 5 faculty members and care is taken not to have less than 3 members and more than 5 members. One of the group members acts as a coordinator. The coordinator makes sure that all members are actively reading and participating in the group. Reading Club activities are conducted in all departments and the HOD coordinates the activities. HOD plays the role of facilitator and encourages the faculty members in the department to participate in the activity. A particular theme is selected for the year and the readers are expected to choose the book based on the theme. For 2019-20, the theme chosen was motivational book eg Ikgai-The Japanese Secret for long and Happy Life by Hector Garcia, Power of Subconscious Mind by Mr. Joseph Murthy, Attitude is everything: Change your attitude change your life by Keller Jeff, Mindset - The new psychology of success by Dr. Carol S. Dweck, When: The Scientific Secrets of Perfect Timing by Daniel H. Pink etc.

For 2020-21, the theme chosen was any article to be selected and read from the engineering education journal JEET (Journal of Engineering Education Transformations). At the end of the year, a meeting of all reading groups within the department is held and the members share their reading experiences with each other.



Kasegaon Education Society's

Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute & Affiliated to Shivaji University, Kolhapur)

The coordinator facilitates the discussions. The report is prepared and submitted to Central Library.

5. Evidence of Success:

This best practice was implemented from 2016-17. A total of 240 groups were formed across all the departments from 2016-17 to 2020-2021. During this period, a cumulative 943 faculty members across the institute participated and 197 books as well as 72 research articles were read by them. Each department conducted a presentation on the book review at the end of the semester. The department-wise reports are submitted to the Central Library. Feedback by faculty from last five years reveal that the reading club activity has helped improve their personality, communication and reading skills and broadened the horizons.

6. Problems encountered, and Resources required

Faculty members find it difficult to find time for such additional reading. Some of the faculty members are interested in technical literature reading only. The resources required are good collection of motivational books or biographies and availability of reading rooms and seminar halls for having discussions and presentations.

7. Notes

With good collection of books, similar practice could be followed by any institute.

For more IPL details: <https://www.ritindia.edu/index.php/facility/library/library-bestpractice>