PVG's COET & GKPIOM, Pune Regional Center RCID -01

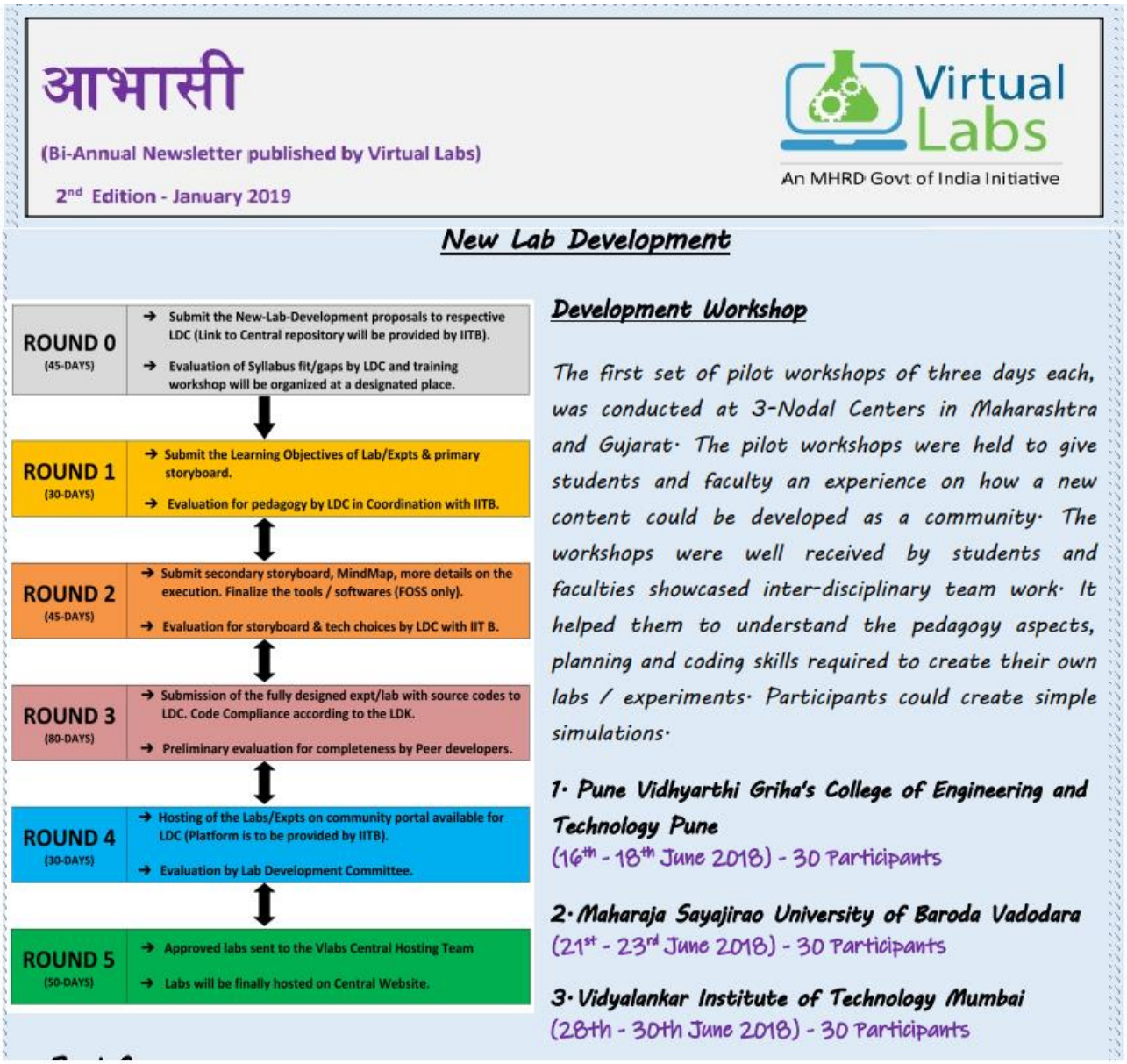
Virtual Lab Development – VLabsDev - Community Model

Collaboration: PVG's COET & IIT Bombay & Regional Centres

Pilot Workshops #1, #2 & #3

Venue: Offline at PVG's COET, MSU Baroda, VIT Mumbai

PVG Team: Mentors/Reviewers: Prof Tanuja Sachin Khatavkar, Prof M C Nagoshe



आभासी

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Virtual Labs

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New Lab Development

ROUND 0 (45-DAYS)
- Submit the New-Lab-Development proposals to respective LDC (Link to Central repository will be provided by IITB).
- Evaluation of Syllabus fit/gaps by LDC and training workshop will be organized at a designated place.

ROUND 1 (30-DAYS)
- Submit the Learning Objectives of Lab/Expts & primary storyboard.
- Evaluation for pedagogy by LDC in Coordination with IITB.

ROUND 2 (45-DAYS)
- Submit secondary storyboard, MindMap, more details on the execution. Finalize the tools / softwares (FOSS only).
- Evaluation for storyboard & tech choices by LDC with IIT B.

ROUND 3 (80-DAYS)
- Submission of the fully designed expt/lab with source codes to LDC. Code Compliance according to the LDK.
- Preliminary evaluation for completeness by Peer developers.

ROUND 4 (30-DAYS)
- Hosting of the Labs/Expts on community portal available for LDC (Platform is to be provided by IITB).
- Evaluation by Lab Development Committee.

ROUND 5 (50-DAYS)
- Approved labs sent to the Vlabs Central Hosting Team
- Labs will be finally hosted on Central Website.

Development Workshop

The first set of pilot workshops of three days each, was conducted at 3-Nodal Centers in Maharashtra and Gujarat. The pilot workshops were held to give students and faculty an experience on how a new content could be developed as a community. The workshops were well received by students and faculties showcased inter-disciplinary team work. It helped them to understand the pedagogy aspects, planning and coding skills required to create their own labs / experiments. Participants could create simple simulations.

1. Pune Vidhyarthi Griha's College of Engineering and Technology Pune
(16th - 18th June 2018) - 30 Participants

2. Maharaja Sayajirao University of Baroda Vadodara
(21st - 23rd June 2018) - 30 Participants

3. Vidyalankar Institute of Technology Mumbai
(28th - 30th June 2018) - 30 Participants

Faculties

Sr No.	Event	Actual Dates	Venue
1	Pilot Workshop 1	16th to 18th June 2018	PVG's COET, Pune
2	Pilot Workshop 2	21st to 23rd June 2018	MSU, Baroda

3	Pilot Workshop 3	28th to 30th June 2018	VIT, Mumbai

Submitted By: Prof Tanuja Sachin Khatavkar

Regional Coordinator,Virtual Labs