

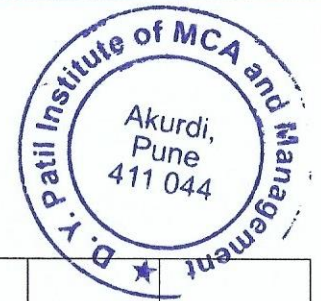
## Virtual Labs Usage Planner

Semester: Even Sem      Year: 2019- 2020

Name of the Institute: **D Y Patil Institute of MCA and Management , Akurdi**

VLNC ID: 42

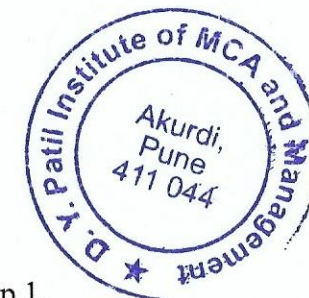
RCID (if applicable): \_\_\_\_\_



Sr No	Name of Dept./ Dept. Coordinator	Subject/ Subject Teacher	VLab Available with website link (Y/N)	No. of VLab Practical planned as per syllabus (A)	No. of VLab Practical planned for content beyond syllabus (B)	No. of students in class (C)	Tentative Usage of Individual subject (A+B)*C	Sign of Subject Teacher	Tentative Dept .No. User /No.Usage	Sign of Dept. Coordinator	Sign of HOD	
1	Master of Computer Application  Dr. Kavita Suryawanshi	1 Oral Communication/ Mrs. Kiran Tikar	Y	2	3	90	450	<i>K. Tikar</i>	165/2010	<i>Patil</i>	<i>Patil</i>	
		2 Data Structure/ Ms. Shabnam Makandar	Y	2	3	90	450	<i>Shabnam</i>				
		3 Artificial Intelligence/ Ms. Sheetal Patil , Mrs. Manasi Pandgarkar	Y	2	3	90	450	<i>Patil</i> <i>Manasi</i>				
		4 Optimization Techniques / Mrs. Kiran Tikar	Y	2	2	75	300	<i>K. Tikar</i>				
		5 Web Technology/Mrs. Snehal Patil	Y	2	2	90	360	<i>Snehal</i>				
2	Outreach Workshop 1:							Tentative Workshop Usage: 400				
3	Outreach Workshop 2:							Tentative Workshop Usage: 400				
Targeted Total Usage In-house								No of Users / No of Usage 165/2010				
Targeted Total Usage Outreach								No of Users / No of Usage 400/800				
<b>Targeted Total Institute Usage (In-house + Outreach):</b>								<b>No of Users / No of Usage 565/2810</b>				

*Patil*  
**Nodal Coordinator**  
(Dr. Kavita Suryawanshi)

*K. Niromal*  
**PRINCIPAL**  
(Sign & Stamp)  
**DIRECTOR**  
D. Y. Patil Institute of Master of Computer Applications and Management  
Akurdi, Pune-411 044



### **Instructions & Guidelines:**

- 1) Nodal Coordinator will conduct meeting of all the VLAB Department Coordinators &
  - a) Brief the importance and benefits of Virtual Labs &
  - b) Explain how online feedback is to be submitted by the students.
- 2) VLAB department coordinators should brief the staff members of their respective department about points explained in step 1.
- 3) Subject teacher has to find out the VLABs available for his/her subject for the ongoing semester course.
- 4) Nodal Coordinator should collect the VLAB plan from various department coordinators at the beginning of the semester in above format.
- 5) Time Table of the VLAB In-House activity should be communicated to the Nodal Coordinator who in turn will upload on IITB outreach portal.
- 6) During Virtual Lab activity, subject teacher should explain to the students the method of online submission of feedback and ensure the submission of feedback by every student.
- 7) The institute should take the responsibility to take due care to achieve the final proposed usage by the end of the semester.
- 8) The respective Regional Coordinator has to be updated by the Nodal Coordinator for all outreach activities via email.

### **Benefits of Virtual Lab Platform:**

- ❖ It provides students with additional learning resources using ICT tools.
- ❖ Teachers can integrate classroom teaching with virtual experimentation.
- ❖ Teachers can provide contents beyond syllabus through virtual experimentation.
- ❖ Once explained, students can learn at their own pace (available 24x7).
- ❖ Virtual Lab development can be offered to students as additional course (full time /audit).
- ❖ Provides new virtual lab development opportunity for students and faculty.