SNJB's LATE SAU. KANTABAI BHAVARLALJI JAIN COLLEGE OF ENGINEERING, CHANDWAD

LABORATORY PRACTICE

AY 2018-19 | Semester: Odd
Course (subject) Lab: Software Laboratory - III | Class: TE
Faculty: Parag Narendra Achaliya | Prog.: 2015

Laboratory exercises should come in 3 phases (Courtesy: American Chemistry Society)

(1) The pre-lab. (2) The lab procedure, and (3) The post-lab.

In the pre-lab, students consider the concept or principle to be investigated. They predict and hypothesize. Effective **pre-lab** questions can prompt students to **review and recall** previously learned material that is pertinent to the lab.

In the **lab experience,** students learn to plan their actions, and **to identify** and **control variables:** they observe, measure, classify and record.

The **post-lab** challenges students to analyze and interpret data, evaluate the effectiveness of the procedure, formulate models, and communicate their findings in written and oral formats. In the post-lab, students can also **relate or compare** the results and concepts to known phenomena.

Sr. No.	Expected Activity	Action plan/ Remark
1.	List of Practical / Assignments as per syllabus.	Yes
2.	Identify the minimum number (as per university norms) of practical / assignments to be conduct from the list.	06
3.	Are you able to conduct all enlisted practical / lab assignments? If No ….? (limitations) Enlist number of circuits/equipment designed /manufactured by institute)	Yes
4.	Have you published standard procedure of operation for this lab?	Yes
5.	Whether your lab is: 1) Educational 2) Developmental or 3) Research Laboratory?	Developmental
6.	DSR and other records, result history (of pr/or exam with avg marks=--).	Attached
7.	Are you aware of lab information? (Like area, costly equipment, wiring diagram etc....)	Yes
8.	What safety norms you follow during practical / assignment?	Attached
9.	Browse all possible virtual labs / simulations available on net and hand over to students	No
10.	Have you prepared / published by your own a printed journal for this lab or using previously prepared journal? Can you add some value to this journal?	Prepared Own
11.	Define Course Outcomes (if Two labs are combined together)	Available in syllabus
12.	Pre – requisites for the Practical Lab	Programming fundamentals, Problem solving skills

13.	Do you have any plan to keep student effectively engaged for two hours' duration?	Yes
14.	Academic Calendar / Practical Conduction plan and Course Information Sheet (CIS); awareness of practical / oral examination.	Yes
15.	Have you planned for Dummy practical / oral exam? Have you prepared QB for PR / Or Exam?	Yes
16.	Do you have any developmental plan (like research Fund/MODROB/Total Quality improvement prog, Industry Sponsored) for the said lab?	I have planned for industry visit at Nasik.
17.	Enlist few innovative ideas that you planned to implement in Lab or Lab Practice.	Plan to teach codeless website design
18.	Have you done periodic calibration of your equipment/instruments?	NA
19.	Have you planned any activity such as study tour, mini project, case study etc. Related to your Lab?	I have planned for study tour at Nasik.
20.	Content beyond syllabus to bridge to GAP: have you planned to conduct practical beyond syllabus?	NA
21.	Have you received/applied any grant under MODROB from govt agencies?	No
22.	How and where you see your lab in next three years.	Past, present & future of online market

Note: - It is mandatory for Faculty/Staff to conduct trail practical before the schedule.