



Shree Rahul Education Society's (Regd.)

SHREE L. R. TIWARI COLLEGE OF ENGINEERING

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(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)

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Resource Sharing Initiative

As a part of NEP 2020, college labs need to be aligned to support interdisciplinary research. Presently the departments are working in silos and because of that many duplication of resources were identified. For example DBMS lab in computer department, ECS department and IT department is maintained separately. Keeping in mind the AICTE norms for number of labs per department and reviewing the silos working of department, department can share the resources with the other department. With this initiative we could broaden our lab set up including multiple domains and avoiding duplication. This will also facilitate optimised laboratory utilization and new resource creation. The lab sharing plan for different departments is given below:

Lab No	Previous status	Departments Sharing the Resources	Subject for which resource is shared
304B	Project lab of Computer department	CS, Extc, ECS	Professional Communication Ethics
310	Networking lab of Computer Department	CS, ECS	Computer Communication Network
311	Cloud Computing lab of Computer Department	CS, ECS	Cloud Computing
306	Cyber security lab of Computer Department	CS, IT, ECS	Cyber Security
412A	EDC lab of EXTC Department Shared by Electronics and EXTC for EDC	Extc & ECS	EDC
412B	Digital Electronics lab of EXTC Department Shared by Electronics and EXTC for EDC	Extc & ECS	DE
411	Communication Lab of EXTC Department Shared by Electronics and EXTC for EDC	Extc & ECS	Communication Engineering
Old Bldg Ground Floor	SOM lab of Civil Department shared	Mech & Civil	Strength of Material

	by Civil and Mechanical Department		
New Bldg Ground Floor	Applied Hydraulics lab of Civil Department shared by Civil and Mechanical Department	Mech & Civil	Applied Hydraulics
New Bldg 2 nd Floor	Fluid Mechanics lab of Civil Department shared by Civil and Mechanical Department	Mech & Civil	Fluid Mechanics
503	Computer lab of Civil	Civil & IT	Professional Communication Ethics
508	IOT lab of IT department	Mech, IT, ECS	Internet of Things
203	Language lab of H&AS Department	H & AS, ECS	Professional Communication Ethics
111	Computer lab of H & AS	H & AS, Mechanical	FEA,CAD,DMS
105	Drawing Hall of H&AS	H & AS Civil	APDB

Resource sharing has also helped in creating the domain specific labs. The domains which are created with this are Cloud Computing, Networking, Cyber security, IOT, Communication, Structure, Hydraulics


Principal



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