



RVCE/DA/1381 /2023-24

Wednesday, June 19, 2024

CIRCULAR

Sub: Schedule of SPECIAL SKILLS Training Programme for IV and VI semester B.E Programs.

The special skills training Programme for the IV and VI semester students have been scheduled as follows and refer the attachments for details.


Programme Details:

All modules have been designed for 60 Hours @ 6 Hours per day. Each module will be completed in 10 working days. (one week in Odd Sem and one week in Even Sem)

- VI Semester Skill Programs: June 24 - 29, 2024 (6 Days, 9.00 AM-4.30 PM)
- IV Semester Skill Programmes: July 8 - 13, 2024 (6 Days, 9.00 AM-4.30 PM)

Note:

1. The student must maintain **100% attendance** to obtain the skill lab certificates at the end of the programme.
2. All the **THEORY AND LAB SESSIONS WILL NOT BE HELD DURING THIS PERIOD.**
3. The Venue, details schedule and the faculty details for the sessions will be intimated by the respective departments.
4. **Students who do not maintain 85% of attendance in the Skill Programmes are not permitted to take CIE- II**


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Bengaluru - 560 059


PRINCIPAL
Principal
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Bangalore - 560 059
19/6/24

Copy to:

1. Vice Principal for the needful and information
2. Dean Student Affairs for the needful and information
3. HoDs for information and needful
4. Counselors of IV and VI Semester students
5. Facility Manager for the needful and information

Encl: Schedule and topics of Skill Labs for IV Semester and VI Semester Students



SKILL LABS - SCHEDULE FOR III YEAR B.E. PROGRAMS

Sl.No	Program	DATE: 24 TH - 29 TH JUNE, 2024
		TIME: 9:00 AM to 04:30 PM
1	Artificial Intelligence & Machine Learning	1. Cloud Computing 2. Full Stack Development 3. Blockchain Technologies 4. AR and VR
2	Aerospace Engineering	Computational Fluid Dynamics
3	Biotechnology	Preparation of Pharmaceuticals and Cosmetic Formulations
4	Chemical Engineering	Research based Process Development
5	Civil Engineering	Industry Based Special Skill Lab- BIM, REVIT and Masonry
6	Computer Science & Engineering	1. Cloud Computing 2. Full Stack Development 3. Blockchain Technologies 4. Computer Graphics, AR and VR 5. Enterprise Architecture - TOGAF
7	Electronics & Communication Engineering	1. RF Communication, 2. Distribution control system, 3. Desktop Servicing 4. EDA Tool Development
8	Electrical & Electronics Engineering	1. Training on usage of licensed software tools for power system and smart grid analysis SCAD/ETAP 2. Skill Training for renewable system wind and solar at BESCO, Bengaluru and MEI 3. Introduction to PLC and Industrial Sensors at COE, BOSCH Lab 4. Hands on training PSIM /MATLAB /Simulink for power electronics circuits 5. Training on Smart Lighting (Home Automation) & on UAV Fundamentals 7. Training at COE at RVCE
9	Electronics & Instrumentation	Concepts of Designing and Fabrication Of Smart Robot Systems
10	Electronics & Telecommunication Engineering	1.RF subsystem Design using CAD tools 2.Design and implementation communication system prototypes using SDR kits and associated tools.
11	Industrial Engineering & Management	1. Volvo Process Lab 2. Research Skills. 3. Discrete event Simulation. 4. Advanced Robotics



Sl.No	Program	DATE: JUNE 24-29, 2024
		TIME: 9:00 AM to 04:30 PM
12	Information Science & Engineering	<ol style="list-style-type: none">1. Cloud Computing2. Full Stack Development3. Blockchain Technologies4. AR and VR
13	Mechanical Engineering	<ol style="list-style-type: none">1. FANUC: center for Automation & Robotics (RV-CAR)2. BOSCH REXROTH- Center for Hydraulics & Pneumatics3. RV-Mercedes Benz- center for Automotive Mechatronics4. MG-RVCE Center for Excellence in electrical Vehicle Technology.5. DASSAULT systems- CATIA6. ENDER- COMSOL MULTI PHYCIS (3D Printing)7. TOYOTA Centre of excellence8. RV Volvo Process Room


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SKILL LABS - SCHEDULE FOR II YEAR B.E. PROGRAMS

Sl.No	Program	DATE: JULY 8-13, 2024
		TIME: 9:00 AM to 04:30 PM
1	Artificial Intelligence & Machine Learning	Networking & UX Design
2	Aerospace Engineering	Aerospace Design & Modelling Lab
3	Biotechnology	Industrial Biotechnology
4	Chemical Engineering	Sewage Treatment Plant
5	Civil Engineering	Industry Based Special Skill Lab- Building Information Modeling and Geographic information system
6	Computer Science & Engineering	Networking Essentials
7	Computer Science & Engineering (CD)	Networking Essentials
8	Computer Science & Engineering (CY)	Networking Essentials
9	Electronics & Communication Engineering	Design and development of Printed circuit Boards
10	Electrical & Electronics Engineering	Electric Circuits and electrical Machines
11	Electronics & Instrumentation	PCB Design and Testing
12	Electronics & Telecommunication Engineering	PCB Design and Testing
13	Industrial Engineering & Management	Advanced Machining Practice. Strength of Materials. CAD and 3D Printing. Facilities Planning and Design Ergonomics Laboratory
14	Information Science & Engineering	Advances and computing Hardware Multi-core Processors
15	Mechanical Engineering	1. FANUC: center for Automation & Robotics (RV-CAR) 2. BOSCH REXROTH- Center for Hydraulics & Pneumatics 3. RV-Mercedes Benz- center for Automotive Mechatronics 4. MG-RVCE Center for Excellence in electrical Vehicle Technology. 5. DASSAULT systems- CATIA 6. ENDER- COMSOL MULTI PHYCIS (3D Printing) 7. TOYOTA Centre of excellence 8. RV Volvo Process Room

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