



ENGINEERS WITH
SOCIAL RESPONSIBILITY

Dhirubhai Ambani Institute of Information and Communication Technology

DA-IICT Road, Gandhinagar, Gujarat, India 382007.

Tel.: +91 79 6826 1700 | Fax: +91 79 6826 1710 | Web: www.daiict.ac.in

NAAC Accredited

Recipient of Centre of Excellence Award by the Government of Gujarat

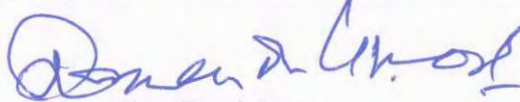
Recipient of '5 Star' in GSIRF Ranking by Government of Gujarat

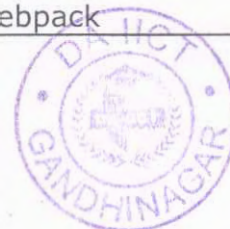
2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Sl. No.	Particulars	Page no.
1	Equipment / Kits / Boards License Software / packages	2
2	List of soft resources used in RC for learning	4

- [Link for Laboratories equipments and components on campus](#)
- Equipment List @Laboratories:
 - <https://lab.daiict.ac.in/index.php/laboratory/equipment>
- Component List @Laboratories:
 - https://lab.daiict.ac.in/images/pdf/component_list.pdf
- LMS/ Academic management system:
[ECampus](#) | [Moodle](#)
- Geo-Tagged Photos of Classrooms & Labs: [Weblink](#)

Equipments / Kits / Boards	License Software / packages
• Function generators • Digital Storage oscilloscopes • Analog oscilloscopes • Fixed DC voltage power supplies • Spectrum analyzers • Signal generators • Network analyzer • Transmission line analyzers • Motorized transmission line trainers • Antenna trainers • CDMA-DSSS Trainers • Microwave test bench - NVIS 9003 X band • Microwave test benches - NVIS 9002 X-Band • Microwave test benches - NVIS 9001 X-band • Drilling cum Milling machine • Milling cutter • PCB prototype machine • 3D printer • PC based table top CNC lathe machine • AC/DC stick welding machine power source • Lathe machine • Bench polisher • Network switches & HUBs • UTP cable testers • Trimble make Juno handheld GPS receivers • Variable DC voltage power supplies • Digital millimeters - handheld • Digital millimeters - Benchtop • LCR meter • IC tester • Raspberry Pi boards with accessories & various sensors	• Netsim Academic • Netsim standard • Mentor Graphic • CST STUDIO SUITE • Microsoft Dream Spark Premium • Turnitin Campus Subscription • Adobe Creative Cloud for Teams • Cadence • MATLAB • Xilinx Vivado Design Suite 14 • ENVI Software • Adobe Creative Suite 5.5 Design Premium • SPSS • Rational Rose • Xilinx • Oracle Academy Membership free • ArcGIS • Genesys • Mdk - Keil • Qualnet • Mind Manager 9 • NI Academic Site License • Autocad 2005 Open source / freeware software / packages • Adobe reader • Arduino • GCC • C++ • DEV C++ • Java • PostgreSQL • MySql • NetBeans IDE • Eclipse • JcreatorJE • PG admin III • Diptrace • Dia with shape • Logisim • ISE webpack • Vivado webpack


 Executive Registrar
 DA-IICT, Gandhinagar

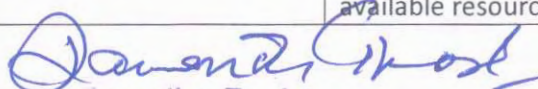


• TURTLEBOT3 Burger RPi4 4GB kits • RM X52 TNM OpenManipulators-X • OpenCR1.0 • STEM drone bundles • 37 in 1 sensor kits - Arduino compatible • Wireless keyboards / mouse • Digital /Analog Trainer kits • Cana kits • FPGA kits • NI Elvis -II kit • NI lab VIEW Robotics Starter Kits • NI USRP 2922 radio kits • Zynq-7000 AP SoC ZC702 evaluation kits with AD 9361 FMCOMMS3-EBZ evaluation board & AD 9361 FMCOMMS5-EBZ evaluation board • ARM7 LPC2148 boards with USB to serial converters • Arduino boards • Beagle bone boards • Freescale FRDM-KL25Z ARM development boards • XTRINSIC Sense Boards • STM32F746G-DISCO development boards • Boards - STM32F4DIS-CAM with 1.3MB camera • MIMXRT 1010-EVK kits • Pluto-x Drone • Weller soldering stations	• Python with libraries • Anaconda • Cuda with tool kit • Autodesk products - educational access • LTspice • Pspice • Scilab • Wireshark • SSH client • Cisco packet tracer • Open office • Web browsers - Firefox, IE, Google chrome • Notepad++ • StarUML • Visual Studio • PhP designer • AgroUML • Codeblocks • IntelliJ IDEA • Libreoffice • WinZip • WinRar • Microsoft .NET framework • Rstudio • Octave • Valgrind • OpenMP, MPICC, MPICH • Gnuplot • Paraview • Liggghts • Lammmps • GRASS GIS • Hadoop
---	--



List of soft resources (tools, packages, media etc) used in RC for learning

Sr no.	Name of the resource	Description	Purpose
1	e-journals	• ACM Digital Library • APS Online Journals • Bloomsbury Design Library • IEL Online Library • JSTOR Archive • MARG Archives • Nature Online Journals • ScienceDirect (Comp. Sc.) • Springer Online Journals	Learning, Research, Current information.
2	e-books	• MIT eBooks Collection • Wiley eBooks Collection • Springer eBooks (Computer Science) includes LNCS Online Collection	Learning & Research.
3	e-courses	• IEEE ComSoc Tutorials • IEEE eLearning Edge Computing • Udemy Online Courses	Learning, skills upgrade, Research.
4	Statistical database	• EPWRF	EPWRF India Time Series is an interactive online database on Indian Economy.
5	e-Lectures	• NPTEL • SWAYAM • Video Courses (IIT, Bombay) • DA-IICT Special Lectures	Learning, skills upgrade, and Research.
6	e-Newspapers	• Times group	Current awareness service
7	Bibliographic databases	• ACM Guide to Computing Literature • Computing Reviews	Most comprehensive bibliographic databases.
8	Koha	• Open-source Library Management System	Carry out all the daily transactions of the library in digital format.
9	DSpace	• Open-source content management system	Manage the Digital Repository of Scholarly Resources.
10	turnitin	• Anti-plagiarism software	Detect and prevent the plagiarism of the academic and scholarly content of DAIICT.
11	Grammarly	• English text editing and improvement software	Online text editing and improvement tool for English language.
12	Research Information Management System	• IRINS (Indian Research Information Network System) Services	IRINS facilitate to collect, curate and showcase the scholarly communication activities of the faculty and scholars and provide an opportunity to create a scholarly network amongst them.
13	SOPHOS	• SOPHOS SSL VPN client software for Remote access	Enabled remote access to subscribed electronic resources.
14	D-Media	• ResourceSpace open source Digital Asset Management software	Web-based Digital Asset Management (DAM) software for store and access to digital assets.
15	RC Website	• RC website	Provides the information about the RC available resources, services and facilities.


 Executive Registrar
 DA-IICT, Gandhinagar

