St. Lawrence College of Higher Education
(AN ISO: 9001:2008 certified "A" Rated B.Ed. College for Girls Only)
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8 Status of Labs

8. Status of Laboratories

				Details	Marks
8(a)	Status of Laboratories other than Computer Lab (as required by statutory body)		No.		
	(i)	Number of Labs	07	1. Educational Psychology Lab 2. Chemistry Lab/Biology Lab 3. Physics and Mathematics Lab 4. Health and Physical Resource Centre 5. Art and Craft Resource Centre 6. Resource Centre 7. Social Science Lab	
	(ii)	Status of Instruments / Equipments		All the equipments are in good working condition. **Physics Lab**: Ammeter, Ballistic Galvanometer, Bar-magnets, Battery, Battery Charger, Biprism, Carey - Foster Bridge, Concave lens, Connecting wire (Copper), Convex Lens, Copper Plate, Copper Pot, Cube-set metal, Double concave lens, Double convex lens, Dry Cell, Eliminator, G-A, G-V kit, Galvanometer (50-0-5 0), Galvanometer (G), Max. Min. Thermometer, Mercury Bulb 160W, Morse key,	

				Newton's ring, Nichrome eureka wire, Optical bench, P N Junction Kit. **Mathematics Lab:** Geo Board Circle (Wooden), Set of Cups (Volumetric), Mensuration, Circle fraction disc, Optical square metal, Cross staff (metal), Standard time indicator, Measuring tape, Geometry Box - Canvas bag, Geometrical 5 X10 cm - Set of 12, Geometrical 10 X 15 cm - Set of 12, Volume Relationship set, Probability Kit, Geometric Kit, Magnetic graph Coordinate Board with Marker, power of two, perpendicular line segment, triangle kit, ratio of area of similar triangles, identity set 1 & 2, ranging rod, mathematics charts. **Art & Craft Resource Centre:** Broom sticks, broom tape, cello tape, cartage sheet, card board, colored ribbon, double sided tape, eraser, fevicol, fabric color, flower pot, ice cream sticks, laces, metallic color, marker, mirror(Shapes: circle, triangle, diamond, moon), pearl, earthen pot, stones, oil color, pastel sheet. Resource Centre: Charts, models, flash cards, posters, pointers, visuals. **Psychology Resource Centre:** Verbal Intelligence Test, EIR (Educational Interest Record), CST (Case Study Technique),TATB(Teaching Aptitude Test Battery), Group Intelligence Test, SPSS, Non-Verbal Intelligence Test, Verbal Creativity Test, Teacher Effectiveness Scale, Mathematical Interest	

				Inventory, General Mental Ability Test, Vocational Interest Record, Test For Study Of Values, Reasoning Ability Test, Teachers Value Inventory, A.P.R.C. Comprehensive Attitude Scale, Concept Formation Test, Depression Scale, Introversion - Extroversion Test, Multi Dimensional Personality Inventory, Problem: Solving ability Test, Youth Problem Inventory. **Chemistry Lab:** Beaker, copp er plate, copper pot, copper sulphate, cylinder beaker, reagent bottle 1000 ml, reagent bottle NM/WM, round bottom flask 250 ml, rubber cork, separating funnel 500 ml, spatula ss, spirit lamp, test tube, test tube brush (nylon), test tube holder, test tube stand, triangular file with handle, tripod stand, volumetric flask (250 ml, 500 ml), wash bottle (250 ml, 500 ml), watch glass, weighing bottle, weighing box for chemical balance, wolf bottle, wire gaze with frame (PH 7.0, PH 9.2). Biology Lab: Beaker (500 ml, 250 ml), glass slides, cover slips, doctor's thermometer, dropper, pipettes (1 ml, 5 ml, 10 ml), filter paper, funnel, permanent slides, regent bottles (250 ml), wide mouthed bottle (250 ml), test tube (15 x 125 ml), hard glass tube (50 ml), Preserved material: root tips for minerals, grasshopper testis for mitosis, 14 cockroach leg, thigh muscles (frog), dicot & monocot root and stem, bacteria for root nodules;	

				universal indicator solution, potassium hydroxide (flakes), potassium nitrate, ammonium nitrate, ethanol, buffer tablet, PH paper wide range, formaldehyde, blood lancet, filter paper, thread reel, micro meter eye piece, wolfe's bottle glass, disserting microscope, compound microscope, collection of beaks, collection of harmful and useful insects in transparent showcase, Models: Mitosis & meiosis, plant & animal cell, dna model; Specimen: sparrow, pigeon, pig, rabbit; Charts: heart, respiratory system, skeletal system, plant cell, animal cell, nervous system, circulation system; mortar & pestle, spirit lamp. **Social Science Lab:** Globe, Maps(World, Physical, Political), Charts, Models (Working & non-working),Altas, Different Symbols, Different types of Soils.	
	(iii)	Up-gradation undertaken as per new technological developments and requirements of the course curriculum (Provide Details)		Yes	
8(b)					
	(i)	Total Number of computers available in labs		50	
	(ii)	Total number of available licensed software required as per course curriculum (as required by statutory body)		Word Processors, Power Point, Presentation, Spreadsheets, Database Management, Intranet & Internet-E- mail, online Conferencing, Search Engine, E Library, Netiquettes, student safety	

				on the Net.	
	(iii)	Quality of Internet connectivity		Good	