

ELECTRONICS HOBBY CLUB

(AT HIGH SCHOOL CAMPUSES)

Establishment cost	:	50,000/-
Students/year	:	100
Training fee	:	30,000/- per year (300/- per student x 100)

Minimum Basic Requirement at School

20 ft. X 20 ft (minimum) - class room	:	1 No.
Single phase electrical connection	:	
Desk (flat top)	:	6 Nos.
chair	:	28 Nos.
Plane table (or work bench)	:	2 Nos.
Almarih	:	1 No.

Scheme of Basic Training Programme

Name of Course	:-	Basic Electronics Awareness Programme
Duration	:-	25 hrs spread over a period of 10 weeks
Intake	:-	25 per batch
Fees	:-	Rs. 300/- per student (7500/- per batch)
Venue	:-	At school Campus
Time	:-	8.30 am. to 10.00 am. / 4.00 pm to 5.30 pm (working days) 10.00 am to 3 pm (on Saturdays)

Syllabus of Basic Training Programme

Day	Technical & Theoretical awareness	No. of experiments
Day 1	Concept of AC,DC, Electrical wiring, concept of power conception, series & parallel connection, voltage, current, power etc.	2 no
Day 2	Concept of wiring, power conception ,working principle of choke, starter, electronic choke, etc.	1 no
Day3	Concept of electronic components, working principle, symbols, physical view etc.	1 no
Day4	Use of different laboratory equipments and their usage.	1 no
Day5	Principle of measurement using different meters Familiarize temporary connection using bread board.	1 no 1 no
Day 6	Familiarize with different types of electrical and electronic transducers and circuits	4 no
Day7	Familiarize with value of resistors colour coding system and connection practice on bread board	2 no
Day 8	Working Principle of electronic components and their testing procedure	1 no
Day 9	Principle of soldering techniques	1 no
Day 10	Types of soldering, common soldering faults& fault rectification	1 no
Day 11	Concept of electronic circuit and implementing temporary testing board	2 no
Day 12	Concept of Electronic circuit and implementing temporary testing board (bread board)	1 no
Day 13	A simple circuit wiring techniques on PCB Power supply/ Dancing light	1 no
Day 14	Soldering of a circuit on PCB, Circuit using 555 IC or 741 IC	1 no
Day 15	Data collection, testing of components, using of circuit on Bread board, Cleaning & tinning of component leads	1 no
Day 16	Soldering of components on PCB testing of circuit	1 no
Day 17 (1hr)	Project work demonstration with project report. Objective test on General Electronics (conducted by IHRD)	----

INSTITUTE OF HUMAN RESOURCES DEVELOPMENT

Application For Registration To Establish IHRD Training Programme In School Campuses

1	Name of Programme		
2	Name of School		
3	Nature of School	Govt./Aided	State syllabus / CBSE
4	Address		
5	Telephone		E-Mail
6	Educational Sub-district		
7	District	Taluk	
	Panchayath/Municipality/Corporation		
8	Medium of Study		
9	Name and Designation of head of Institution Telephone E-Mail		
10	Working time of School	FromTo.....	
11	Details of PTA/Sponsoring Authorities		
12	Proposed time Schedule for Training programme		
13	Present Extra Curricular Science/Engineering Programme in the campus, if any		
14	Other Relevant Information		

Declaration

Information furnished above is correct to the best of my knowledge and belief.

Place :

Signature, Name and Designation

Date : (Office Seal)

of Head of Institution