

Date:22/10/2015

To,

The Principal,  
Shri Ram College,  
Muzaffarnagar.

**Subject:** Permission for conducting an add on course on "**Digital Electronics Lab**".


Respected Sir,

Department of Computer Application would like to offer an add on course titled "**Digital Electronics Lab**". The purpose of this course is to familiarize the students with the nuances of Digital Logic.

This course imparting Practical skills in the participants and prove an assist to make concept better.

The courses will be Thirty hours of duration having two Sessions theory & practical. This course is coordinated by Mrs. Monika Garg, interested students can contact with them for further information and registration process.

You are kindly permit us to start the said short term course in the benefit of students.

  
(Dr Nishant Kumar Rathi)  
Dean, CA


Shri Ram College, Muzaffarnagar.

Allowed



Principal  
Shri Ram College  
Muzaffarnagar

  
Principal  
Shri Ram College  
Muzaffarnagar

  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

**Shri Ram College Muzaffarnagar**  
**Faculty of Computer Application**

Dated: 11/03/2016

**Notice**

All the students of BCA 1<sup>st</sup> Year (2<sup>nd</sup> Sem) are informed that Add-on Class on Digital Electronics Lab will Commence from Monday, from 14/03/2016 to 21/04/2016 as per the schedule given below.

S.NO.	DAY	Class
1	Monday & Tuesday	BCA 2 <sup>nd</sup> Sem Section A
2	Wednesday & Thursday	BCA 2 <sup>nd</sup> Sem Section B
3	Friday & Saturday	BCA 2 <sup>nd</sup> Sem Section C

**Timing:**

- Theory Session (03:20 PM – 04:00PM)
- Practical Session (04:01 PM – 04:50PM)


**Venue: Computer Lab, First Floor, SRC**


Students will be assessed for Progress after the completion of the course with the help of practical assignments.

**Resource Person:**

- ✓ Mrs. Monika Garg (Subject Expert) *Monika*
- ✓ Dr. Vikas Kumar (Subject Expert)
- ✓ Mr. Pramod Kumar (Lab In charge)

- CC:** 1. The Director, SRC for information  
2. Mr. Vikrant Verma, Co-ordinator (BCA 1<sup>st</sup> Year)

  
(Dr Nishant Kumar Rathi)  
Dean, CA

  
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**Shri Ram college muzaffarnagar**  
**Faculty of Computer Application**  
**Digital Electronics Lab**

**Course Objective:**

To impart the concepts of digital electronics practically and train students with all the equipments which will help in improving the basic knowledge as this electronics lab is beyond the curriculum .

Digital Electronics is technology subject which is intended to make students familiar with the basics of digital logic circuits and design. Through the basic understanding of Boolean Algebra and Number systems , it introduces the student to the fundamentals of combination logic circuits and then to sequential logic circuits & study of various digital systems. Knowledge of basic electronics & digital techniques is useful in understanding theory and practicals of the subjects. For years, applications of digital electronics were confined to computer systems. Today digital electronics are applied in many diverse areas such as telephony, data processing, radar, navigation, military systems, medical instruments, process controls etc.

**Course Outcome:**

The students will have good knowledge about the concepts of digital electronics and they will be able to apply all these concepts practically.

**Subject Expert team:-**

1. Mrs. Monika Garg *Monika*
2. Mr. Praveen Kumar *Praveen*
3. Mr. Pramod Kumar(Lab Incharge) *Pramod*
4. ~~Dr~~ Vikas Kumar *Vikas*

*[Signature]*  
Co-ordinator  
IGAC, Shri Ram College,  
Muzaffarnagar

*[Signature]*  
Principal  
Shri Ram College  
Muzaffarnagar  
17.10.15

**Shri Ram college muzaffarnagar**  
**Faculty of Computer Application**  
**Digital Electronics Lab**

Electronic lab equipment list:-

1. 4 Bit shift register ME-716
2. 4 Bit adder & Subtractor Circuit ME-702
3. Logic Gate Using six TTL IC's ME-675
4. flip flop using NAND gate &TTL IC's ME-702
5. 4 bit counter synchronous and Asynchronous ME-712
6. Line Multiplexer and Demultiplexer ME-720
7. Encoder & Decoder circuit ME-718

  
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**Digital Electronics Lab**

Electronic lab practical list:-

1. Implement AND,OR,NOT gates using TTL IC's on PCB & verify it with Truth Table & also draw their graphic symbols.
2. Implement Universal gates (NAND,NOR) using TTL IC's on PCB & verify it with Truth Table & also draw their graphic symbols.
3. Implement XOR, XNOR gates using TTL IC's on PCB & verify it with Truth Table & also draw their graphic symbols.
4. Implement Half adder on PCB.
5. Implement Full adder on PCB.
6. Implement Half Subtractor on PCB.
7. Implement Full Subtractor on PCB.
8. Implement a BCD to Decimal decoder using IC-7442 on PCB.
9. Implement a Decimal to encoder using IC-74147 on PCB.
10. Implement 4\*1 Mux using IC 74150 on PCB.

  
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Principal  
Shri Ram College  
Muzaffarnagar

## Electronics Class

## Attendance Sheet

Sl.	Roll Number	Name of The Student	Father's Name	Attendance											
				1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	
Section A															
1	1585509002	ADHISHEK RANA	JAYVEER SINGH	P	P	A	A	A	A	A	A	P	P	P	P
2	1585509006	AKASH GARG	CHANDRA PRAKASH GARG	P	P	A	A	A	A	A	A	P	P	P	P
3	1585509008	AKIB RAZA	ASH MOHAMMAD	P	P	A	A	A	A	A	A	P	P	P	P
4	1585509009	AKSHAY KUMAR	SANJAY KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
5	1585509011	AKSHAY SHRIVASTAV	DINESH KR. SHRIVASTAV	P	P	A	A	A	A	A	A	P	P	P	P
6	1585509012	AKSHIT TYAGI	AJAY TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
7	1585509013	AKSHYA KUMAR	RAJ KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
8	1585509019	KM ANJU	GOPAL	P	P	A	A	A	A	A	A	P	P	P	P
9	1585509020	ANKIT KUMAR	MADAN PAL	P	P	A	A	A	A	A	A	P	P	P	P
10	1585509022	ANKIT KUMAR	RAKESH KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
11	1585509024	KM ANKITA TYAGI	VISHNU DUTT	P	P	A	A	A	A	A	A	P	P	P	P
12	1585509026	ANKUSH KUMAR	SATYAPAL	P	P	A	A	A	A	A	A	P	P	P	P
13	1585509028	ANKUSH KUMAR	MAHENDRA	P	P	A	A	A	A	A	A	P	P	P	P
14	1585509030	KM ANSHUL SAINI	RAMPRARASH	P	P	A	A	A	A	A	A	P	P	P	P
15	1585509034	KM ASHA TOMAR	ANIL TOMAR	P	P	A	A	A	A	A	A	P	P	P	P
16	1585509035	ASHISH SINGH KHARI	RAMVEER SINGH KHARI	P	P	A	A	A	A	A	A	P	P	P	P
17	1585509039	AYUSHI RANA	LOKESH KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
18	1585509040	KM AZMI	ABDUL MUGHNI	P	P	A	A	A	A	A	A	P	P	P	P
19	1585509042	DIWANU PRATAP	SATYAVEER SINGH	P	P	A	A	A	A	A	A	P	P	P	P
20	1585509046	KM DEEGANSHI	ADESH	P	P	A	A	A	A	A	A	P	P	P	P
21	1585509051	DIGVIJAY SHARMA	MADHO RAM	P	P	A	A	A	A	A	A	P	P	P	P
22	1585509052	KM DIKSHA SHARMA	AMIT KR. SHARMA	P	P	A	A	A	A	A	A	P	P	P	P
23	1585509053	DIVIK GOEL	PUSHPENDRA GOEL	P	P	A	A	A	A	A	A	P	P	P	P
24	1585509058	GOVIND BANSAL	CHAN PRAKASH	P	P	A	A	A	A	A	A	P	P	P	P
25	1585509061	HARSHIT TYAGI	SANJAY TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
26	1585509062	HIMANSHU KUMAR	RAVINDER SINGH	P	P	A	A	A	A	A	A	P	P	P	P
27	1585509064	HIMANSHU TYAGI	SANJAY TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
28	1585509071	KHADIM	KAVALDDIN	P	P	A	A	A	A	A	A	P	P	P	P
29	1585509072	KHUSHI MOHD	MOHD TUFAIL	P	P	A	A	A	A	A	A	P	P	P	P
30	1585509073	KOMAL	ANIL KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
31	1585509078	MANJEET PUNDIR	SHAKTI SINGH	P	P	A	A	A	A	A	A	P	P	P	P
32	1585509084	MOHD. ADIL ALI	MOHD. KASIM	P	P	A	A	A	A	A	A	P	P	P	P
33	1585509087	MOHD ANAS	MEHRAJUCOIN	P	P	A	A	A	A	A	A	P	P	P	P
34	1585509088	MOHD MOSHIH	ASSMOHD	P	P	A	A	A	A	A	A	P	P	P	P
35	1585509096	MOHIT KUMAR	VIJAY PAL SINGH	P	P	A	A	A	A	A	A	P	P	P	P
36	1585509104	NIRANKAR baliyan	VIJAY PAL SINGH	P	P	A	A	A	A	A	A	P	P	P	P
37	1585509106	KM NISHU SHARMA	ARJUN SHARMA	P	P	A	A	A	A	A	A	P	P	P	P
38	1585509107	KM NISHU TYAGI	YOGENDRA SINGH TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
39	1585509108	PANKAJ SHARMA	BHUPENDRA SHARMA	P	P	A	A	A	A	A	A	P	P	P	P
40	1585509113	PIYUSH	JASVIR	P	P	A	A	A	A	A	A	P	P	P	P
41	1585509114	PRASHANT	PRADEEP KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
42	1585509116	PRASHANT SWAMI	NARESH KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
43	1585509117	PRAVEJ ALI	MOHD. KHAL	P	P	A	A	A	A	A	A	P	P	P	P
44	1585509118	PRINCE MALIK	SUKRAM PAL	P	P	A	A	A	A	A	A	P	P	P	P
45	1585509119	KM PRIYANKA RANI	SUKESH KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
46	1585509128	RAVINDRA KUMAR	NAYAN SINGH	P	P	A	A	A	A	A	A	P	P	P	P
47	1585509127	REHBAR ALI	NUSRAT ZAIDI	P	P	A	A	A	A	A	A	P	P	P	P
48	1585509131	KM RIYA GOSWAMI	RAJ KUMAR GOSWAMI	P	P	A	A	A	A	A	A	P	P	P	P
49	1585509132	RIYA TYAGI	SATENDRA TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
50	1585509136	SAGAR BAI YAN	SUNIL KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
51	1585509143	SADIB	MOHD NAWAB	P	P	A	A	A	A	A	A	P	P	P	P
52	1585509144	SAWAN TYAGI	DEWVRAT TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
53	1585509146	SHAHAJAD	ALAMU	P	P	A	A	A	A	A	A	P	P	P	P
54	1585509154	SHIVANGI PANDEY	ARVIND PANDEY	P	P	A	A	A	A	A	A	P	P	P	P
55	1585509156	SHIVANI CHOUHARY	SANJEEV KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
56	1585509152	SHUBHAM CHOUDHARY	YOGENDRA KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
57	1585509163	SHUBHAM KUMAR	JAIPRAKASH	P	P	A	A	A	A	A	A	P	P	P	P
58	1585509187	SHUBHAM KUMAR	KANWAR PAL	P	P	A	A	A	A	A	A	P	P	P	P
59	1585509188	SHUBHAM MALIK	PRAMOD MALIK	P	P	A	A	A	A	A	A	P	P	P	P
60	1585509171	SHUBHAM TOMAR	SAMAY SINGH	P	P	A	A	A	A	A	A	P	P	P	P
61	1585509174	KM SHIWETA SHARMA	GAJENDRA SHARMA	P	P	A	A	A	A	A	A	P	P	P	P
62	1585509175	SHIWETANK KATARIYA	LAL SINGH KATARIYA	P	P	A	A	A	A	A	A	P	P	P	P
63	1585509178	SONU KUMAR	SHIV KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
64	1585509179	SUDARSHAN SAINI	RAMLAL SAINI	P	P	A	A	A	A	A	A	P	P	P	P
65	1585509181	SUMIT KUMAR	SUDHIR KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
66	1585509183	SUMIT KUMAR	TEJ PAL SINGH	P	P	A	A	A	A	A	A	P	P	P	P
67	1585509184	SUMIT SAINI	SHEKHAR SAINI	P	P	A	A	A	A	A	A	P	P	P	P
68	1585509187	KM SWATI CHAUDHARY	UPENDRA KUMAR	P	P	A	A	A	A	A	A	P	P	P	P
69	1585509192	UJJAWAL HANSAL	SANJAY DARSAL	P	P	A	A	A	A	A	A	P	P	P	P
70	1585509202	VISHAL	SANJEEV TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
71	1585509203	VISHAL GIRI	SUKH PAL GIRI	P	P	A	A	A	A	A	A	P	P	P	P
72	1585509207	VISHU TYAGI	MANOJ TYAGI	P	P	A	A	A	A	A	A	P	P	P	P
73	1585509208	WASEEM CHAUDHARY	YUSUF ALI	P	P	A	A	A	A	A	A	P	P	P	P

*[Signature]*  
Co-ordinator  
IQAC, Shri Ram College,  
Muzaffarnagar

*[Signature]*

Principal  
Shri Ram College  
Muzaffarnagar

## Electronics Class

## Attendance Sheet

Sl.	Roll Number	Name of The Student	Father's Name	Attendance											
				6/12	7/12	8/12	9/12	10/12	11/12	12/12	13/12	14/12	20/12	21/12	
Section B															
1	1585509001	AAKASH	SATPAL	P	P	P	P	P	P	P	P	P	P	P	P
2	1585509003	AISHWARYA	RANJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
3	1585509005	AKARSHIT VERMA	SHIV KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
4	1585509010	AKSHAY KUMAR	RAKESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
5	1585509017	AMIT TYAGI	ARJUN TYAGI	P	P	P	P	P	P	P	P	P	P	P	P
6	1585509018	ANIMESH BALIYAN	MANDU BALIYAN	P	P	P	P	P	P	P	P	P	P	P	P
7	1585509023	ANKIT KUMAR	PREM SINGH	P	P	P	P	P	P	P	P	P	P	P	P
8	1585509025	ANKUR KUMAR	BANJEEV BALIYAN	P	P	P	P	P	P	P	P	P	P	P	P
9	1585509027	ANKUSH KUMAR	RAMDAS SINGH	P	P	P	P	P	P	P	P	P	P	P	P
10	1585509029	ANSHUL KUMAR	JANESHVAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P
11	1585509031	ANULI KUMAR	ASHOK KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
12	1585509037	AVINASH	SURESH PAI	P	P	P	P	P	P	P	P	P	P	P	P
13	1585509044	BUNTY KUMAR	RAJU KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
14	1585509045	CHARU	SANJEEV KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
15	1585509048	DFFPAK SINGHAL	ARVIND SINGHAL	P	P	P	P	P	P	P	P	P	P	P	P
16	1585509049	DEEPAKSHU BANSAL	RAMESH BANSAL	P	P	P	P	P	P	P	P	P	P	P	P
17	1585509050	DHEERAJ KUMAR	KARAN SINGH	P	P	P	P	P	P	P	P	P	P	P	P
18	1585509054	GAURANG KALSHIK	PRAVEEN SHARMA	P	P	P	P	P	P	P	P	P	P	P	P
19	1585509055	GAURAV KUMAR	SATVEER SINGH	P	P	P	P	P	P	P	P	P	P	P	P
20	1585509056	GAURAV SHAKYA	BRAJESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
21	1585509060	HARISH KUMAR	RAM KUMAR SAINI	P	P	P	P	P	P	P	P	P	P	P	P
22	1585509063	HIVANSHU KUMAR	FRAVESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
23	1585509075	KM. LALITA	LOKESH DEVI	P	P	P	P	P	P	P	P	P	P	P	P
24	1585509076	MANISH KUMAR	PRAHUL DAYAL	P	P	P	P	P	P	P	P	P	P	P	P
25	1585509077	MANISH KUMAR	INDER PAL SINGH	P	P	P	P	P	P	P	P	P	P	P	P
26	1585509081	MD YUSUF KHAN	R A KHAN	P	P	P	P	P	P	P	P	P	P	P	P
27	1585509083	MOHAMMAD SUMAIR	KAMALUDDIN CHAUDHARY	P	P	P	P	P	P	P	P	P	P	P	P
28	1585509088	MOHD SAIMAN	AKHTAR ALI	P	P	P	P	P	P	P	P	P	P	P	P
29	1585509093	MOHD WAJID	YUSUF	P	P	P	P	P	P	P	P	P	P	P	P
30	1585509095	MOHIT KUMAR	LOKESH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
31	1585509098	NADEEM	MOHAMMAD TAHIR	P	P	P	P	P	P	P	P	P	P	P	P
32	1585509099	NADEEM	IDDAL	P	P	P	P	P	P	P	P	P	P	P	P
33	1585509101	NAZAM	HAKIKAT ALI	P	P	P	P	P	P	P	P	P	P	P	P
34	1585509103	NIKHIL CHAUHAN	KANWARPAL SINGH	P	P	P	P	P	P	P	P	P	P	P	P
35	1585509105	NISHANT	SHIV KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
36	1585509112	KM PINKI RANI	SUNIL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
37	1585509115	PRASHANT KUMAR	MOHAN VEER	P	P	P	P	P	P	P	P	P	P	P	P
38	1585509121	RAJAT KUMAR	VINOD KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
39	1585509123	RAJAT SAINI	SALER CHAND	P	P	P	P	P	P	P	P	P	P	P	P
40	1585509125	RASHIT SHARMA	AKHIL SHARMA	P	P	P	P	P	P	P	P	P	P	P	P
41	1585509129	RISHABH JAIN	VINAY KR. JAIN	P	P	P	P	P	P	P	P	P	P	P	P
42	1585509129	RISHABH SHARMA	SUKHBEER SINGH	P	P	P	P	P	P	P	P	P	P	P	P
43	1585509130	KM RIYA	SRINMOHAN	P	P	P	P	P	P	P	P	P	P	P	P
44	1585509133	ROBIN KUMAR	ISHVAR SINGH	P	P	P	P	P	P	P	P	P	P	P	P
45	1585509134	ROHIT KUMAR	PAVAN KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
46	1585509140	KM. SALONI	RAVINDRA BALIYAN	P	P	P	P	P	P	P	P	P	P	P	P
47	1585509141	SANDEEP KUMAR	RAMPAL	P	P	P	P	P	P	P	P	P	P	P	P
48	1585509147	SANDEEP KUMAR	CHANDARPAL	P	P	P	P	P	P	P	P	P	P	P	P
49	1585509145	SEEDAR	RAJEEESH	P	P	P	P	P	P	P	P	P	P	P	P
50	1585509149	KM SIKALI	SHREEPAL SINGH	P	P	P	P	P	P	P	P	P	P	P	P
51	1585509150	SHEEDA	SHAHID	P	P	P	P	P	P	P	P	P	P	P	P
52	1585509151	KM SHILPA	RAVINDRA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
53	1585509153	SHIVAM KHAIVAL	KHAWAL	P	P	P	P	P	P	P	P	P	P	P	P
54	1585509158	SHIVANSH DHRAMAN	HURAM CHAND	P	P	P	P	P	P	P	P	P	P	P	P
55	1585509159	SHUBHAM	WANGERAM TYAGI	P	P	P	P	P	P	P	P	P	P	P	P
56	1585509160	SHUBHAM	KARN SINGH	P	P	P	P	P	P	P	P	P	P	P	P
57	1585509166	SHUBHAM KUMAR	MAHENDRA SINGH	P	P	P	P	P	P	P	P	P	P	P	P
58	1585509169	SHUBHAM NAMDEV	PRABHAT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
59	1585509172	SHUBHAM WADWA	VIJAY WADHWA	P	P	P	P	P	P	P	P	P	P	P	P
60	1585509176	SIDDHARTH KUMAR	AJAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
61	1585509180	SUMIT KUMAR	PRADEEP KUMAR	P	P	P	P	P	P	P	P	P	P	P	P
62	1585509182	SUMIT KUMAR	NAGENDRA SINGH	P	P	P	P	P	P	P	P	P	P	P	P
63	1585509188	KM SWATI JAIN	SUKHMAL JAIN	P	P	P	P	P	P	P	P	P	P	P	P
64	1585509190	TUSHAR DIXIT	PRADEWAN DIXIT	P	P	P	P	P	P	P	P	P	P	P	P
65	1585509193	VAIBHAV SHARMA	GAJENDRA PAL SINGH	P	P	P	P	P	P	P	P	P	P	P	P
66	1585509194	KM VARNIKA GOYAL	SANJAY KUMAR GOYAL	P	P	P	P	P	P	P	P	P	P	P	P
67	1585509166	KM. VASIMA	KASAM ALI	P	P	P	P	P	P	P	P	P	P	P	P
68	1585509188	VIKAS GARG	CHANDRA PRAKASH GARG	P	P	P	P	P	P	P	P	P	P	P	P
69	1585509189	KM VINITA YADAV	MANGRU RAM	P	P	P	P	P	P	P	P	P	P	P	P
70	1585509206	VISHU KUMAR	SUSHHEEL KUMAR	P	P	P	P	P	P	P	P	P	P	P	P

  
 Co-ordinator  
 IQAC, Shri Ram College,  
 Muzaffarnagar

  
 Principal  
 Shri Ram College  
 Muzaffarnagar

Electronics Class

Attendance Sheet

Sl.	Roll Number	Name of The Student	Father's Name								
				19/3	20/3	21/3	22/3	23/3	24/3	25/3	26/3
Section C											
1	1585509004	AJAY KUMAR DHAMA	KARTAR SINGH DHAMA	A	A	A	A	A	A	A	
2	1585509007	AKASH KUMAR	VINOD KUMAR	A	A	A	A	A	A	A	
3	1585509014	ALI MOHAMMAD	BAJUDEEN	A	A	A	A	A	A	A	
4	1585509015	AMIT KUMAR	DIJASMPAL	A	A	A	A	A	A	A	
5	1585509016	AMIT KUMAR	RAMPAL SINGH	A	A	A	A	A	A	A	
6	1585509021	ANKIT KUMAR	SATYAPAL	A	A	A	A	A	A	A	
7	1585509032	ANLU KUMAR	RAJ SINGH	A	A	A	A	A	A	A	
8	1585509033	KM ANUKSHA SAINI	ASHOK KUMAR	A	A	A	A	A	A	A	
9	1585509036	KM ASHU SHARMA	AJJUN SHARMA	A	A	A	A	A	A	A	
10	1585509038	AYUSH JOSHI	LALIT KUMAR	A	A	A	A	A	A	A	
11	1585509041	RAHADUR SAINI	DHARMPAL SINGH	A	A	A	A	A	A	A	
12	1585509043	KM BHAVANA	ASHOK KUMAR	A	A	A	A	A	A	A	
13	1585509047	DEEPAK KUMAR	DALAKRAM	A	A	A	A	A	A	A	
14	1585509057	GAYYUR AHMAD	ISI AMUDEEN	A	A	A	A	A	A	A	
15	1585509059	GURMEET SINGH	RUMAL SINGH	A	A	A	A	A	A	A	
16	1585509065	JAVED	MOHD. SALEEM	A	A	A	A	A	A	A	
17	1585509086	KM KAJAL LOHAN	NAGENDRA LOHAN	A	A	A	A	A	A	A	
18	1585509097	KAMAL TYAGI	MUKESH KUMAR	A	A	A	A	A	A	A	
19	1585509098	KARTIK LATIYAN	JOKHENDRA SINGH LATIYAN	A	A	A	A	A	A	A	
20	1585509099	KESHAV KAPOOR	HARISH CHANDRA KAPOOR	A	A	A	A	A	A	A	
21	1585509070	KESHAV KUMAR	LAKSHMAN SINGH	A	A	A	A	A	A	A	
22	1585509074	KM KOMAL	RAMANPAL SINGH	A	A	A	A	A	A	A	
23	1585509079	MANDU PAL	RAM SIVARAN	A	A	A	A	A	A	A	
24	1585509080	MO MAHTAB	SALAHUDDIN	A	A	A	A	A	A	A	
25	1585509082	MH VASEEM ANSARI	MURTAZA ANSARI	A	A	A	A	A	A	A	
26	1585509085	MOHD AKRAM	MOHD YUSUF	A	A	A	A	A	A	A	
27	1585509086	MOHD AMIR	MOHD AKHI AQ	A	A	A	A	A	A	A	
28	1585509093	MOHD SALMAN	MOHD ALTAF	A	A	A	A	A	A	A	
29	1585509091	MOHD SHADAT	MOHD SAJJID	A	A	A	A	A	A	A	
30	1585509092	MOHD SHAHID	MOHD INSHAD	A	A	A	A	A	A	A	
31	1585509094	MOHD ZUNAID	MOHD ZULFIKAR ALI	A	A	A	A	A	A	A	
32	1585509097	KM MONIKA PAL	KAMLESH CHAND	A	A	A	A	A	A	A	
33	1585509100	NAVNEET BANA	NETA SINGH	A	A	A	A	A	A	A	
34	1585509102	NEERAJ	DHARM VEER	A	A	A	A	A	A	A	
35	1585509109	PABAS SAINI	VIRENDRA SINGH SAINI	A	A	A	A	A	A	A	
36	1585509110	KM PARUL	RAMESH CHAND	A	A	A	A	A	A	A	
37	1585509111	PARVEZ AAMAM	KAYYUM ALI	A	A	A	A	A	A	A	
38	1585509120	KM RACHNA	NARESH KUMAR	A	A	A	A	A	A	A	
39	1585509122	RAJAT KUMAR	SUDHIR KUMAR	A	A	A	A	A	A	A	
40	1585509124	RAJEEV TYAGI	ADESH TYAGI	A	A	A	A	A	A	A	
41	1585509135	KM ROOPA	SUKHVIK SINGH	A	A	A	A	A	A	A	
42	1585509137	SAHIL ZAIDI	SHAMSHAD ALI	A	A	A	A	A	A	A	
43	1585509138	SAIF ALI KHAN	MEHTAB KHAN	A	A	A	A	A	A	A	
44	1585509139	KM SAKSHI SHARMA	SATYA PAL SHARMA	A	A	A	A	A	A	A	
45	1585509147	SHAHANAWAZ	MOHD. ASLAM	A	A	A	A	A	A	A	
46	1585509148	SHAHBAZ	SHOQIN AHMED	A	A	A	A	A	A	A	
47	1585509152	SHIVAM DAHIYA	VIKRAM SINGH	A	A	A	A	A	A	A	
48	1585509155	KM SUJIVANI	PRAVEEN	A	A	A	A	A	A	A	
49	1585509157	KM SHIVANI GOYAL	VINAY KUMAR	A	A	A	A	A	A	A	
50	1585509161	SHUBHAM	PAWAN KUMAR	A	A	A	A	A	A	A	
51	1585509164	SHUBHAM KUMAR	PRAHLAD SINGH	A	A	A	A	A	A	A	
52	1585509165	SHUBHAM KUMAR	RAJENDER KUMAR	A	A	A	A	A	A	A	
53	1585509173	SHUBHAM SHARMA	PRMOO KUMAR SHARMA	A	A	A	A	A	A	A	
54	1585509173	SHUSHANT KUMAR	PRAMOD KUMAR	A	A	A	A	A	A	A	
55	1585509177	KM SONAM	SHIV KUMAR	A	A	A	A	A	A	A	
56	1585509185	SUNNY KUMAR	RAM KUMAR	A	A	A	A	A	A	A	
57	1585509186	KM SWATI	VIKRAM SINGH	A	A	A	A	A	A	A	
58	1585509188	KM SWATI DEVI	SATPAL SAINI	A	A	A	A	A	A	A	
59	1585509191	TUSHAR SHARMA	VIJAY SHARMA	A	A	A	A	A	A	A	
60	1585509195	VARUN KUMAR	SANDEEP KUMAR	A	A	A	A	A	A	A	
61	1585509197	VASU KUMAR	BILLU	A	A	A	A	A	A	A	
62	1585509200	VIPUL GOYAL	LOKESH GOYAL	A	A	A	A	A	A	A	
63	1585509201	VIPUL KUMAR	DHARMPAL SINGH	A	A	A	A	A	A	A	
64	1585509204	VISHAL SHARMA	INDER PAL SHARMA	A	A	A	A	A	A	A	
65	1585509205	VISHAL TYAGI	SATYAPAL TYAGI	A	A	A	A	A	A	A	
66	1585509210	SATYAK KUMAR	PHATEH SINGH	A	A	A	A	A	A	A	


*M. Anika Singh*  
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Shri Ram College, Muzaffarnagar  
BCA 1st Year (Session 2016-18)

		Electronics Class	Evaluation Sheet	
Sl.	Roll Number	Name of The Student	Father's Name	Grade/Marks
Section A				
1	1585509002	ABHISHEK RANA	JAYVEER SINGH	B
2	1585509006	AKASH GARG	CHANDRA PRAKASH GARG	B+
3	1585509008	AKIB RAZA	ABH MOHAMMAD	A
4	1585509009	AKSHAY KUMAR	SANJAY KUMAR	A
5	1585509011	AKSHAY SHRIVASTAV	DINESH KR. SHRIVASTAV	B+
6	1585509012	AKSHIT TYAGI	AJAY TYAGI	B+
7	1585509013	AKSHYA KUMAR	RAJ KUMAR	A
8	1585509019	KM ANJU	GOPAL	B+
9	1585509020	ANKIT KUMAR	MADAN PAL	B
10	1585509022	ANKIT KUMAR	RAKESH KUMAR	-
11	1585509024	KM ANKITA TYAGI	VISHNU DUTT	A
12	1585509025	ANKUSH KUMAR	SATYAPAL	-
13	1585509028	ANKUSH KUMAR	MAHENDRA	B
14	1585509030	KM ANGHUL SAINI	RAMPRAKASH	B+
15	1585509034	KM ASHA TOMAR	ANIL TOMAR	A
16	1585509035	ASHISH SINGH KHARI	HANVEER SINGH KHARI	B+
17	1585509038	AYUSHI RANA	LOKESH KUMAR	B+
18	1585509040	KM AZMI	ABDUL MUJIBNI	B
19	1585509042	BIHANI PRATAP	SATYAVEER SINGH	B+
20	1585509046	KM DEFGANSHI	ADESH	A
21	1585509051	DIGVIJAY SHARMA	MOHD RAM	-
22	1585509052	KM DIKSHA SHARMA	AMIT KR. SHARMA	B
23	1585509053	DIVIK GOEL	PUSHPENDRA GOEL	B+
24	1585509058	GOVIND BANSAL	CHAN PRAKASH	A
25	1585509061	HARSHIT TYAGI	SANJAY TYAGI	B+
26	1585509062	HIMANSHU KUMAR	RAVINDER SINGH	B+
27	1585509064	HIMANSHU TYAGI	SANJAY TYAGI	B+
28	1585509071	KHADIM	KAVALDIN	-
29	1585509072	KHUSHI MOHI	MOHD TUFAIL	B
30	1585509073	KOMAL	ANIL KUMAR	A
31	1585509079	MANJEET PUNDIR	SHAKTI SINGH	A
32	1585509084	MOHD. ADIL ALI	MOHD. KASIM	-
33	1585509087	MOHD ANAS	MEHRAJUDDIN	B+
34	1585509088	MOHD MOSHEN	ASSMOHD	-
35	1585509086	MOHIT KUMAR	VIJAY PAL SINGH	B
36	1585509104	KIRANKAR Bhatnagar	VIJAY PAL SINGH	-
37	1585509103	KM NISHU SHARMA	ARJUN SHARMA	B+
38	1585509107	KM NISHU TYAGI	YOGENDRA SINGH TYAGI	B+
39	1585509108	PANKAJ SHARMA	BHUPENDRA SHARMA	B+
40	1585509112	PIYUSH	JASVIR	-
41	1585509114	PRASHANT	PRADREP KUMAR	A
42	1585509118	PRASHANT SWAMI	NARESH KUMAR	-
43	1585509117	PRAVEJ ALI	MOHD. IKBAL	-
44	1585509118	PRINCE MALIK	SUKRAM PAL	B
45	1585509119	KM PRIYANKA RANI	SUKESH KUMAR	A
46	1585509126	RAVINDRA KUMAR	NAYAN SINGH	B+
47	1585509127	REHBER ALI	NUSRAT ZAIDI	B
48	1585509131	KM RIYA GOSWAMI	RAJ KUMAR GOSWAMI	B+
49	1585509132	RIYA TYAGI	SATENDRA TYAGI	B
50	1585509136	SAGAH BALIYAN	SURJ KUMAR	B+
51	1585509143	SAGIB	MOHD NAWAB	A
52	1585509144	SAWAN TYAGI	DEVVRAT TYAGI	B
53	1585509146	SHAHAJAD	ALAMU	B
54	1585509154	SHIVANCI PANDEY	ARVIND PANDEY	A
55	1585509156	SHIVANI CHOUDHARY	SANJEEV KUMAR	B+
56	1585509162	SHUBHAM CHOUDHARY	YOGENDRA KUMAR	B+
57	1585509163	SHUBHAM KUMAR	JAIPRAKASH	B
58	1585509167	SHUBHAM KUMAR	KANWAR PAL	-
59	1585509168	SHUBHAM MALIK	PRAMOD MALIK	B
60	1585509171	SHUBHAM TOMAR	SAMAY SINGH	B
61	1585509174	KM SHWETA SHARMA	GAJENDRA SHARMA	B+
62	1585509175	SHWETANK KATARIYA	LAL SINGH KATARIYA	B
63	1585509178	SONU KUMAR	SHIV KUMAR	B
64	1585509179	SUDARSHAN SAINI	RAMLAL SAINI	B
65	1585509181	SUMIT KUMAR	SUDHIR KUMAR	B+
66	1585509183	SUMIT KUMAR	TEJ PAL SINGH	B
67	1585509184	SUMIT SAINI	SHEKHAR SAINI	B+
68	1585509187	KM SWATI CHOUDHARY	UPENDRA KUMAR	A
69	1585509192	ULJAWAL DANSAI	SANJAY BANSAL	B+
70	1585509202	VISHAL	SANJEEV TYAGI	A
71	1585509203	VISHAL GIRI	SUKH PAL GIRI	B
72	1585509207	VISHU TYAGI	MANDU TYAGI	A
73	1585509208	WASEEM CHAUDHARY	YUSUF ALI	B+

  
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**Shri Ram College, Muzaffarnagar**  
BCA 1st Year (Session 2016-16)

		Electronic Class	Evaluation Sheet	
Sl.	Roll Number	Name of The Student	Father's Name	Grade/Marks
<b>Section B</b>				
1	1585509001	AAKASH	BATPAL	A+
2	1585509005	AISHWARYA	RANJAY KUMAR	A++
3	1585509005	AKARSHIT VERMA	SHIV KUMAR	A++
4	1585509010	AKSHAY KUMAR	RAKESH KUMAR	A++
5	1585509017	AMIT TYAGI	ARUN TYAGI	B++
6	1585509018	ANMESH BALIYAN	MANOJ BALIYAN	B+
7	1585509023	ANKIT KUMAR	PREM SINGH	-
8	1585509025	ANKUR KUMAR	SANJEEV BALIYAN	B+
9	1585509027	ANKUSH KUMAR	RAMDAS SINGH	-
10	1585509029	ANSHUL KUMAR	JANESHWAR SINGH	B+
11	1585509031	ANUJ KUMAR	ASHOK KUMAR	-
12	1585509037	AVINASH	SURESH PAI	A+
13	1585509044	DUNTY KUMAR	RAJU KUMAR	A
14	1585509046	CHARU	SANJEEV KUMAR	B
15	1585509048	DEEPAK SINGHAL	ARVIND SINGHAL	B+
16	1585509049	DEEPANSHU BANSAL	RAMDAS BANSAL	B++
17	1585509053	DHEERAJ KUMAR	KARAN SINGH	B++
18	1585509054	GAURANG KAUSHIK	PRAVEEN SHARMA	A
19	1585509055	GAURAV KUMAR	SATVEER SINGH	A+
20	1585509056	GAURAV SHAKYA	BRAJESH KUMAR	A++
21	1585509080	HARISH KUMAR	RAJ KUMAR SAINI	A+
22	1585509083	HIMANSHU KUMAR	PRAVEGH KUMAR	A+
22	1585509075	KM. LALITA	LOKESH DEVI	B++
24	1585509078	MANISH KUMAR	PRABHU DAYAL	B+
25	1585509077	MANISHI KUMAR	INDER PAL SINGH	B
26	1585509081	MID YUSUF KHAN	R. A. KHAN	-
27	1585509083	MOHAMMAD SUMAIR	KAMALUDDIN CHAUDHARY	A++
28	1585509080	MCHD SALMAN	AKHTAR ALI	-
29	1585509083	MCHD WAJID	YUSUF	-
30	1585509085	MCHIT KUMAR	LOKESH KUMAR	-
31	1585509086	NADEEM	MOHAMMAD TAJIR	A++
32	1585509099	NADEEM	IQBAL	B+
33	1585509101	NAZIM	HAKIKAT ALI	B+
34	1585509103	NIKHIL CHALHAN	KANWARPAL SINGH	A+
35	1585509105	NISHANT	SHIV KUMAR	-
36	1585509112	KM PINKI RANI	SUNIL KUMAR	A+
37	1585509115	PRASHANT KUMAR	MCHAN VEER	-
38	1585509121	RAJAT KUMAR	VINOD KUMAR	-
39	1585509123	RAJAT SAINI	SALEK CHAND	-
40	1585509125	RASHIT SHARMA	AKHIL SHARDA	A++
41	1585509128	RISHABH JAIN	VINAY KR. JAIN	A++
42	1585509129	RISHABH SHARMA	SUKHBEER SINGH	-
43	1585509130	KM RIYA	SRJMOHAN	A++
44	1585509133	RODIN KUMAR	ISHVAR SINGH	-
45	1585509134	RODHI KUMAR	PAVAN KUMAR	A++
46	1585509140	KM. SALONI	RAVINDRA BALIYAN	A+
47	1585509141	SANDEEP KUMAR	BAMPAL	A+
48	1585509142	SANDEEP KUMAR	CHANDARPAL	A+
49	1585509145	SEWAR	RAHDESH	B+
50	1585509149	KM SHALU	SUREEPAI SINGH	A+
51	1585509150	SHCEBA	SHAHID	B+
52	1585509151	KM SHILPA	RAVINDHA KUMAR	B
53	1585509153	SHIVAM KHAIWAL	KHAIWAL	-
54	1585509156	SHIVANSH CHIKRAW	HUKAM CHAND	A+
55	1585509156	SHUBHAM	WANGERAM TYAGI	B+
56	1585509160	SHUBHAM	KARN SINGH	A+
57	1585509165	SHUBHAY KUMAR	MAHENDRA SINGH	A+
58	1585509168	SHUBHAM NAMDEV	PRAHAT KUMAR	B++
59	1585509172	SHUBHAM WADWA	VIJAY WADHWA	A++
60	1585509176	SIDDHARTH KUMAR	VIJAY KUMAR	A+
61	1585509180	SUMIT KUMAR	PRADEEP KUMAR	-
62	1585509182	SUMIT KUMAR	KAGENDRA SINGH	B+
63	1585509189	KM SWATI JAIN	SUKHMAL JAIN	B+
64	1585509190	TUSHAR DIXIT	PRAJIVAN DIXIT	A+
65	1585509193	VAIBHAV SHARMA	GAIENDRA PAL SINGH	A+
66	1585509194	KM VARNIKA GOYAL	SANJAY KUMAR GOYAL	B++
67	1585509196	KM VASIMA	KASAM ALI	B
68	1585509198	VIKAS GARG	CHIANIRA PRAKASH GANG	A-
69	1585509199	KM VINITA YADAV	MANGRU RAM	A++
70	1585509206	VISHU KUMAR	SUSHEEL KUMAR	A++

  
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Shri Ram College, Muzaffarnagar  
BCA 1st Year (Session 2015-16)

		Electronics Class	Evaluation Sheet	
Sl.	Roll Number	Name of The Student	Father's Name	Grade/Marks
Section D				
1	1585509004	AJAY KUMAR DHAWA	KARTAR SINGH CHAMA	
2	1585509007	AKASH KUMAR	VINOD KUMAR	B
3	1585509014	ALI MOHAMMAD	BABUDEEN	B
4	1585509015	AMIT KUMAR	DHARMAPAL	B
5	1585509018	AMIT KUMAR	RAMPAL SINGH	-
6	1585509021	ANKIT KUMAR	SATYAPAL	B+
7	1585509032	ANIL KUMAR	BAL SINGH	B+
8	1585509033	KM ANUKSHA SAINI	ASHOK KUMAR	B+
9	1585509038	KM ASHU SHARMA	ARJUN SHARMA	B+
10	1585509039	AYUSH JOSHI	LALIT KUMAR	A
11	1585509041	SAJJADUR SAINI	DHARMAPAL SINGH	-
12	1585509043	KM BHAWANA	ASHOK KUMAR	B+
13	1585509047	DEEPAK KUMAR	BALAKRAM	B
14	1585509057	GAYYUR AHMAD	ISLAMUDDIN	B+
15	1585509059	GURMEET SINGH	HUMAL SINGH	B+
16	1585509065	JAVED	MOHD. SALEEM	-
17	1585509088	KM KAJAL LOHAN	NAGENDRA LOHAN	A
18	1585509087	KAMAL TYAGI	MUKESH KUMAR	-
19	1585509068	KARTIK LATIYAN	JOGENDRA SINGH LATIYAN	B
20	1585509069	KESHAV KAPOOR	HARISH CHANDRA KAPOOR	B+
21	1585509070	KESHAV KUMAR	LAKSHMAN SINGH	B+
22	1585509074	KM KOMAL	RAMANPAL SINGH	A
23	1585509079	MANOJ PAL	RAM SHARAN	B
24	1585509080	MD MAHTAB	SALAFUDDIN	B
25	1585509092	MH. VABEEM ANSARI	MURTAZA ANSARI	B+
26	1585509085	MOHD AKRAM	MOHD YUSUF	B+
27	1585509088	MOHD AMIR	MOHD. AKHLAQ	-
28	1585509090	MOHD SALMAN	MOHD AJRAF	A
29	1585509091	MOHD SHADAT	MOHD SAJJID	B
30	1585509092	MOHD SHAHID	MOHD INSHAD	A
31	1585509094	MOHD ZUNAD	MOHD ZULFIKAR ALI	B+
32	1585509097	KM MONIKA PAL	KAJLESH CHAND	B+
33	1585509100	NAVNEET RANA	NETA SINGH	A
34	1585509102	NEERAJ	DHARM VEER	B+
35	1585509109	PARAS SAINI	VIRENDRA SINGH SAINI	A
36	1585509110	KM PARUL	RAMESH CHAND	A
37	1585509111	PARVEZ AALAM	KAYYUM ALI	B
38	1585509120	KM RACHNA	NARESH KUMAR	B
39	1585509122	RAJAT KUMAR	SUCHIR KUMAR	A
40	1585509124	RAJEEV TYAGI	ADESH TYAGI	A
41	1585509135	KM ROOPA	SUKHVI SINGH	B
42	1585509137	SAHIL ZADI	SHAMSHAD ALI	B
43	1585509138	SAIF ALI KHAN	MEHTAB KHAN	B
44	1585509139	KM SAXSHI SHARMA	SATYA PAL SHARVA	B+
45	1585509147	SHAHANAWAZ	MOHD. ASLAM	B+
46	1585509148	SHAHIDAZ	SHOKIN AHMED	B+
47	1585509152	SHIVAM DAHIYA	VIKRAM SINGH	B+
48	1585509155	KM SHIVANI	PRAVEEN	A
49	1585509157	KM SHIVANI GOYAL	VINAY KUMAR	B+
50	1585509181	SHUBHAM	PAWAN KUMAR	-
51	1585509184	SHUBHAM KUMAR	PRABHU SINGH	B
52	1585509185	SHUBHAM KUMAR	RAJENDER KUMAR	B+
53	1585509170	SHUBHAM SHARMA	PRANOD KUMAR SHARMA	A
54	1585509173	SHUSHANT KUMAR	PRANOD KUMAR	B
55	1585509177	KM SONAM	SHIV KUMAR	B+
56	1585509185	SUNNY KUMAR	RAM KUMAR	B
57	1585509186	KM SWATI	VIKRAM SINGH	A
58	1585509188	KM SWATI DEVI	SATPAL SAINI	B+
59	1585509191	TUSHAR SHARMA	VIJAY SHARMA	-
60	1585509195	VARUN KUMAR	SANDEEP KUMAR	B+
61	1585509197	VAGU KUMAR	SILUJ	-
62	1585509200	VIPUL GOYAL	LOKESH GOYAL	B
63	1585509201	VIPUL KUMAR	DHARMAPAL SINGH	B
64	1585509204	VISHAL SHARMA	INDER PAL SHARMA	A
65	1585509205	VISHAL TYAGI	SATYAPAL TYAGI	-
66	1585509210	SATYAX KUMAR	PHATEH SINGH	B

  
 Co-ordinator  
 ICAC, Shri Ram College,  
 Muzaffarnagar

  
 Principal  
 Shri Ram College  
 Muzaffarnagar



# Shri Ram College, Muzaffarnagar

## Department of Computer Application

### Report Summary

#### Add on Program on "Digital Electronics Lab"

Department of Computer Application Successfully completed an Add on Program on "Digital Electronics Lab".

The program is designed for BCA first year students for improving their understanding in the subject, they can learn theory concepts and perform experiments.

In BCA Curriculum Digital Electronics Lab is not proposed it is hard to grab nuances of the subject to keep this in mind department of Computer Application designed an add on course on Digital Electronics.

It is the fundamental course on digital logic & design that more emphasize on practical concept rather than relying on theory concept.

The course was conducted in the second week of March 2016. Respected Director sir, **Dr. D.S. Rawat** motivated the students about the course and talked about the importance of such add on courses.

This course primarily focuses on the practical approach rather than a theoretical one and is designed for absolute beginners with little or no prior knowledge of Digital Electronics.

The aim of the Program is to imparting the necessary skills and knowledge to the participants so that they can sustain in today's competitive scenario.

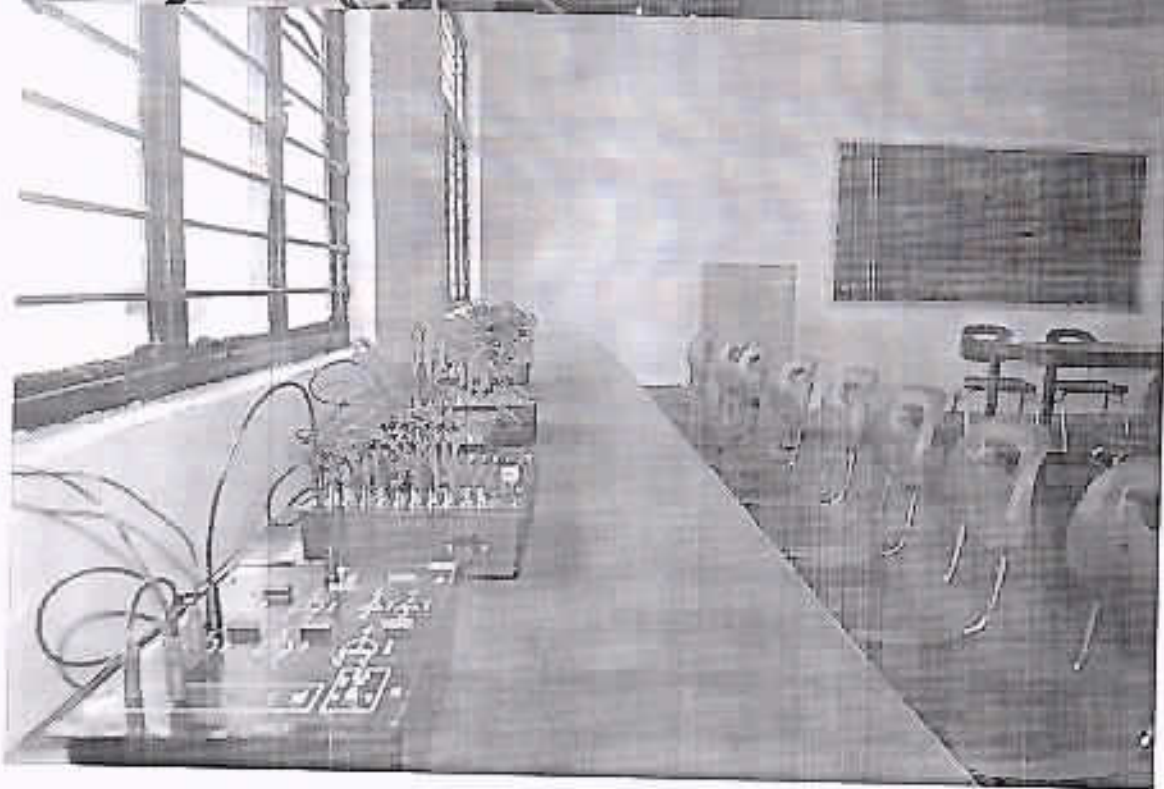
In the end of the course practical exam was conducted in the last of April month to check the effectiveness of the program.


All sixty-six students successfully completed the course.

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BCA Ist year



  
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