



GNU Image Manipulation Program



DEPARTMENT OF COMPUTER APPLICATIONS, COMPUTER SCIENCE & SOFTWARE APPLICATIONS

School of Computer Science
ADD ON COURSE (II YEAR- BCA , B.Sc CS , B.Sc SA)
Course : GNU - Image Manipulation Program
Course Code : ACSCS201

Image Manipulation Program

OBJECTIVES:

- To inculcate knowledge on Image Manipulation
- To gain Knowledge on GIMP

OUTCOMES:

- To do photo editing, painting, and other advanced photography and editing tasks.
- It includes useful tips and tricks for editing photos.

GIMP (GNU Image Manipulation Program)

Unit I

Introduction - World Wide Web - Web Servers - Web Site – Webpage-Introduction - Image Manipulation -Image Editing Tools Gimp -Introduction, Features-Gimp Vs Photoshop- Gimp Menus-File,Edit,Select,View,Image - Format Supported In Gimp-Working With Gimp Window

Unit II

Components Of -Gimp Window- Change Size Of An Image -Prepare Images For Web-Crop An Image-Gimp Layers-Gimp Colors-Gimp Tools-Paint Tools-Gimp Filters

Unit III

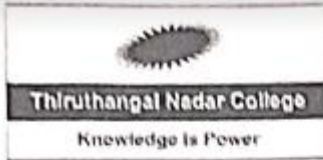
GIMP tools-Basic Task-GIMP Fonts-GIMP Brushes-GIMP Layer- Masks-GIMP Deselect-GIMP Draw Line-GIMP Draw Circle-GIMP Draw Rectangle-GIMP Draw Arrow-GIMP GIF-GIMP Move Layer-GIMP Rotate Image

Unit IV

GIMP Clone Tool-GIMP Heal Tool-Save Image as JPEG-Save as Png-GIMP Animations-GIMP Change Colors-Resize Image in GIMP-Text in GIMP-GIMP Text Outline-GIMP Crop-GIMP Patterns

Unit V

Photo Editing -GIMP Photo Editing-GIMP Remove Background-GIMP HDR-GIMP Smoke Effect-GIMP Cartoon Effect-GIMP Remove Watermark



THIRUTHANGAL NADAR COLLEGE

(Belongs to the Chennaivazh Thiruthangal Hindu Nadar Uravinmural Dharma Fund)
A Self Financing Co-Educational College of Arts & Science
Affiliated to the University of Madras
Re-accredited 'B++' Grade by NAAC & An ISO 9001:2015 Certified Institution
Selavayal, Chennai, Tamil Nadu, India

SCHOOL OF COMPUTER SCIENCE

Computer Applications, Computer Science, Software Applications

Value Added Course-GIMP

Batch 2021-2024

CLASS : II year

TIME : 1.PM. To 3.PM.

SUB CODE : ACSC201

TIME TABLE

S.NO	DATE	DAY	TOPIC
1	2/4/2023	I	INTRODUCTION,HISTORY OF INTERNET, WORLD WIDE WEB, IMAGE MANIPULATION
2	2/7/2023	II	IMAGE EDITING TOOLS,GIMP - INTRODUCTION,FEATURES,GIMP vs PHOTOSHOP
3	2/9/2023	III	FILE FORMAT SUPPORTED IN GIMP,WORKING WITH GIMP WINDOW
4	2/11/2023	IV	COMPONENTS OF GIMP WINDOW,GIMP MENUS,FILE,EDIT,SELECT,VIEW,IMAGE MENUS
5	2/14/2023	V	CHANGE SIZE OF AN IMAGE,CROP AN IMAGE,GIMP LAYERS,GIMP TOOLS
6	2/16/2023	VI	GIMP COLORS,PAINT TOOLS,GIMP FILTERS
7	2/18/2023	VII	BRUSHES AND DRAWING VARIOUS SHAPES
8	2/21/2023	VIII	GIMP PATTERNS,EDITING IMAGES IN GIMP
9	2/23/2023	IX	GIMP ANIMATIONS
10	2/28/2023	X	GIMP PHOTO EDITING
11	3/2/2023	XI	REMOVE BACKGROUND
12	3/7/2023	XII	REMOVE SMOKE EFFECT
13	3/9/2023	XIII	REMOVE WATERMARK,GIMP LOGO
14	3/16/2023	XIV	POSTERMAKING,GIMP GIF
15	3/18/2023	XV	ASSESSMENT EVALUATION



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Selavayal, Chennai, Tamil Nadu, India

Department of Computer Applications - A section, Shift II, B.Sc Computer Science
Add On Course - Attendance Sheet

Batch (I) 2021-2024 - A			Date																
S.No	ID No	Name of Students	6/2/23	7/2/23	9/2/23	11/2/23	14/2/23	16/2/23	18/2/23	20/2/23	22/2/23	23/2/23	28/2/23	2/3/23	7/3/23	9/3/23	16/3/23	17/3/23	
1	21BCA64	ABINAYA E	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	Edpa	
2	21BCA13	ASWIN L	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	L.Aswin	
3	21BCA53	BIHARANTHARAN K.P	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	K.P. Biharantharan	
4	21BCA76	DANIEL S	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	S. Daniel	
5	21BCA57	DILLIABU S	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	S. Dillibabu	
6	21BCA63	ELUMALAI R	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	R. Elumalai	
7	21BCA24	FAREEN BANUN	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	N. Fareen	
8	21BCA25	GANESH M	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh	
9	21BCA54	GAUTHIAM J	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	J. Gauthiam	
10	21BCA15	GOKUL RAJ S	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	S. Gokulraj	
11	21BCA30	JAGATHISWARAN V	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	V. Jagathiswaran	
12	21BCA31	KEERTHIKA M	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	M. Keerthika	
13	21BCA04	LOGAPREETHI V	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	V. Logapreethi	
14	21BCA36	LOGESH M	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	M. Logesh	
15	21BCA29	MOHAMMED ARSATHIR	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	Ar. Mohammed	
16	21BCA22	MOHAMMED AMEER M	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	M. Mohammed	
17	21BCA28	MOHAMMED MUSANMEL S	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	S. Mohammed	
18	21BCA75	MOHAN B	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	B. Mohan	
19	21BCA50	MUTHUKUMAR A	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	A. Muthukumar	
20	21BCA52	NAGARAJAN S	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	S. Nagarajan	
21	21BCA34	NANDHA KUMAR V	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	V. Nandha	
22	21BCA66	NARESH KUMAR V	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	V. Naresh	
23	21BCA43	PARTHIBAN E	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	E. Parthiban	
24	21BCA10	PAUL MASHAK MALAN B	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	B. Paul	
25	21BCA32	POOJA SREE	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	S. Pooja	
26	21BCA39	PRADEEP S	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	S. Pradeep	
27	21BCA77	RAGUL K	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	K. Ragul	
28	21BCA47	RAJESHI C	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	C. Rajeshi	
29	21BCA60	ROSHAN BEEVI M	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	M. Roshan	
30	21BCA37	SAGAR O N	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	N. Sagar	
31	21BCA71	SANJAY K	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	K. Sanjay	



21BCA29	SANTHOSH S	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil	S. Senthil
21BCA55	SIVARAJ M	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj	M. Sivaraj
24 21BCA11	SRIDHAR K	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar	K. Sridhar
25 21BCA40	SRIRAM D	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram	D. Sriram
26 21BCA87	SURENDAR M	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar	M. Surendar
27 21BCA44	TAMIL SELVAN R	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan	R. Tamil Selvan
28 21BCA73	VAIDESH S	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh	S. Vaidesh
29 21BCA79	VIGNESH D	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh	D. Vignesh
40 21BCA88	YUVARAJ R	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj	R. Yuvraj
41 21BCA6	SANJAY S	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay	S. Sanjay
42 21BCA2	VIMALRAJ S	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj	S. Vimalraj
43 21BCA8	KARTHIKEYAN M	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan	M. Karthikeyan
44 LATERAL ENTRY	SRIMATHY	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy	M. Srimathy
45 LATERAL ENTRY	ABSHIKHOYEL	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel	M. Abshikhoysel
46 21BCAE5	BASKARAN V	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran	V. Baskaran
47 21BCAE1	KRITHIKRAJ G	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj	G. Krithikraj
48 21BCAE6	MANOJ KUMAR K	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar	K. Manoj Kumar
49 21BCAF4	MOHAMMED SAIFEM A	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem	A. Saifem
50 21BSCS25	MOHAN RAJ R	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj	R. Mohan Raj
51 21BSCS14	AAMEERA	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera	A. Aameera
52 21BSCS24	AJITHKUMAR D	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar	D. Ajithkumar
53 21BSCS11	AKASH B	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash	B. Akash
54 21BSCS28	ANAND KUMAR P	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar	P. Anand Kumar
55 21BSCS06	HARI PRASANTH V	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth	V. Hari Prasanth
56 21BSCS20	HARISHL	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl	L. Harishl
57 21BSCS29	JOHNSON Y	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson	Y. Johnson
58 21BSCS17	KALIDASS B	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass	B. Kalidass
59 21BSCS26	KAMESHWARAN P	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran	P. Kameshwaran
60 21BSCS12	KARTHIK N	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik	N. Karthik
61 21BSCS30	KEERTHISHIL T U	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil	U. Keerthishil
62 21BSCS18	LOKESHIRAJ D	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj	D. Lokeshiraj
Staff Signature																		



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Selavayal, Chennai, Tamil Nadu, India

School of Computer Science
(Computer Applications, Computer Science, Software Applications)
Value Added Course - GIMP

SUB CODE: ACSCS201
Time: 2.30Hrs
Max Marks: 50

SCORE: 48

Name: R. KARTHICK RAJAN Id Number: 2180697
Department: COMPUTER APPLICATION Class & Section: 11-PCA-E

Part A
Choose the Best Answer (25 x 1 = 25)

- GIMP is an acronym for _____
a. GNU Image Manipulation Program b. GNU Image Maintain Program
c. GNU Image More Program d. None of the above
- GIMP is a freely distributed, versatile _____ software package with a customizable interface.
a. Image manipulation b. Document manipulation
c. Video manipulation d. Audio manipulation
- GIMP can be installed in _____ operating system.
a. Windows b. Linux c. Both a) and b) d. None of the above
- GIMP supports various file formats including _____
a. .gif & .jpeg b. .peg c. .tiff d. All of the above
- GIMP is a full suite of painting tools including a variety of _____
a. Brushes b. Pencil c. Both a) and b) d. None of the above
- GIMP has selection tools like _____
a. Rectangle & Eclipse b. Free & Lasso c. Fuzzy d. All of the above
- GIMP has transformations tools like _____
a. Rotate b. Flip c. Scale and shear d. All of the above
- GIMP also supports a variety of Filters for image _____ in appearance.
a. Enhancement b. Modification c. Both a) and b) d. None of the above
- _____ acts a slider to change the transparency of the selected layer.
a. Opacity b. Hidden c. Mode d. None of the above
- _____ adds blended shadows, highlights, and backgrounds in image.
a. Obviation b. Chalk c. Blended d. Alien Neon
- _____ tool helps you to add a new layer to the image which is identical copy of the active layer
a. Duplicate layer b. Copy layer c. Clone layer d. Hidden layer
- The _____ tool used to make a copy of original image in a same layer
a. clone b. duplicate c. Xerox d. opacity
- What Gimp Can Do?
a. Create layouts for websites b. Generate pictures and enhance existing images
c. Everything else that has to do with 2D (bitmap based) graphics. d. All the above
- _____ tool is used in photo editing
a. Heal tool b. Eclipses tool c. Rotate d. Clone tool
- _____ transference sheet present on the top of others
a. Canvas b. Window c. Layers d. None of the above
- The Fuzzy Select (MAGIC WAND) tool helps you to select areas of the _____
a. Canvas b. All the layers c. Current layer d. Image with different colour
- Shift+ C is the shortcut to _____ the image ?
Copy b. Crop c. Delete d. Duplicate



17. How to crop image.
 a. Tools → Transform tool → Crop & Resize
 c. Tools → Scale → Cut & Copy
 h. Tools → Transform tool → Crop
 d. Tools → Scale → Cut

18. _____ filter provides borders to the selected image.
 a. MAP Filters
 b. Render
 c. Decor Filters
 d. None of the above

19. _____ tool allows you to apply moving, rotating, shearing, perspective and scaling corrections using handles placed on canvas.
 a. Handle Transformation Tool
 b. Change the perspective tool
 c. Unified Transform Tool
 d. None of the above

20. _____ is useful for correction of sharpness in digitized images by accentuating edges and any kind of noise.
 a. Red Eye Removal
 b. Sharpen
 c. Non - Linear
 d. Retripen

21. _____ allows changing appearance (Normal, Dissolve, Darken, Burn etc.) of the selected layer.
 a. Opacity
 b. Hidden
 c. Mode
 d. None of the above

22. Does gimp has its own poster as one of gimp brush
 a. Yes
 b. No

23. _____ are the wonderful tool especially used to create collage or to delete some portions of image
 a. Sheet
 b. Layer
 c. Canvas
 d. File

24. In which areas Gimp application can be used?
 a. DTP office to edit photographs.
 b. edit photos for website designing
 c. Advertising agency to create photos.
 d. All of the above.

25. What does HSV colour model stands for?
 a. Hue, Saturation and Value
 b. Hue, Surface and Value
 c. Hue, Saturation and Variation
 d. None of the above

Answers:


S.No	Answer	S.No	Answer	S.No	Answer	S.No	Answer	S.No	Answer
1	a ✓	6	d ✓	11	a ✓	16	b ✓	21	c ✓
2	a ✓	7	d ✓	12	a ✓	17	b ✓	22	a ✓
3	c ✓	8	b ✓	13	a ✓	18	c ✓	23	b ✓
4	d ✓	9	a ✓	14	a ✓	19	a ✓	24	d ✓
5	c ✓	10	c ✓	15	c ✓	20	b ✓	25	a ✓

**Part B
PRACTICAL
Answer any five (5 x 5 = 25)**

- Implement the Clone tool in GIMP ✓
- Create an image with different backgrounds ✓
- Do Photo Editing using Heal Tool ✓
- Create your own Logo for your Company ✓
- Create a Poster with your ideas ✓
- Transform an Old photo into New Photo using Colour tool ✓
- Make a Cartoon image using GIMP ✓

Question No.	1	2	3	4	5	6	7
Marks	5	4	4			5	5



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Selavayal, Chennai, Tamil Nadu, India

School of Computer Science
(Computer Applications, Computer Science, Software Applications)
Value Added Course - GIMP

SUB CODE: ACSCS201
Time: 2.30Hrs

Max Marks: 50

SCORE: 42

Name: S. SAM DANIEL Id Number: 21BSC606
Department: B. Sc (C) Class & Section: 2nd year BSc CS I

Part A
Choose the Best Answer (25 x1 = 25)

- GIMP is an acronym for
a. GNU Image Manipulation Program b. GNU Image Maintain Program
c. GNU Image More Program d. None of the above
- GIMP is a freely distributed, versatile _____ software package with a customizable Interface.
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- GIMP can be installed in _____ operating system.
a. Windows b. Linux c. Both a) and b) d. None of the above
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- _____ acts a slider to change the transparency of the selected layer.
a. Opacity b. Hidden c. Mode d. None of the above
- _____ adds blended shadows, highlights, and backgrounds in image.
a. Obviation b. Chalk c. Blended d. Alien Neon
- _____ tool helps you to add a new layer to the image which is identical copy of the active layer.
a. Duplicate layer b. Copy layer c. Clone layer d. Hidden layer
- The _____ tool used in make a copy of original image in a same layer
a. clone b. duplicate c. Xerox d. opacity
- What Gimp Can Do?
a. Create layouts for websites b. Generate pictures and enhance existing images
c. Everything else that has to do with 2D (bitmap based) graphics. d. All the above
- _____ tool is used in photo editing
a. Heal tool b. Eclipse tool c. Rotate d. Clone tool
- _____ transference sheet present on the top of others
a. Canvas b. Window c. Layers d. None of the above
- The Fuzzy Select (MAGIC WAND) tool helps you to select areas of the _____.
a. Canvas b. All the layers c. Current layer d. Image with different colour
- Shift + C is the shortcut to _____ the image ?
a. Copy b. Crop c. Delete d. Duplicate



17. How to crop image.
 a. Tools→ Transform tool→Crop&Resize b.Tools→ Transform tool→Crop
 c.Tools→Scale→Cut&Copy d.Tools→Scale→Cut
18. _____ filter provides borders to the selected image.
 a. MAP Filters b. Render c. Decor Filters d. None of the above
19. _____ tool allows you to apply moving, rotating, shearing, perspective and scaling corrections using handles placed on canvas.
 a. Handle Transformation Tool b. Change the perspective tool
 c. Unified Transform Tool d. None of the above
20. _____ is useful for correction of sharpness in digitized images by accentuating edges and any kind of noise.
 a. Red Eye Removal b. Sharpen c. Non - Linear d. Restripe
21. _____ allows changing appearance (Normal, Dissolve, Darken, Burn etc.) of the selected layer.
 a. Opacity b. Hidden c. Mode d. None of the above
22. Does gimp has its own poster as one of gimp brush
 a. Yes b. No
23. _____ are the wonderful tool especially used to create collage or to delete some portions of image
 a. Sheet b.Layer c.Canvas d. File
24. In which areas Gimp application can be used ?
 a. DTP office to edit photographs. b. edit photos for website designing.
 c. Advertising agency to create photos. d. All of the above.
25. What does HSV colour model stands for?
 a. Hue, Saturation and Value b. Hue, Surface and Value
 c. Hue, Saturation and Variation d. None of the above

Answers:

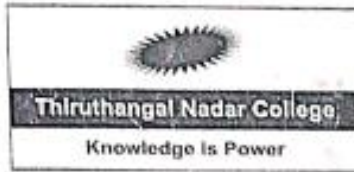
S.No	Answer	S.No	Answer	S.No	Answer	S.No	Answer	S.No	Answer
1	a	6	d	11	a	16	b	21	c
2	a	7	d	12	a	17	b	22	a
3	a	8	a	13	d	18	d	23	b
4	d	9	a	14	a	19	a	24	d
5	c	10	c	15	c	20	b	25	a

Part B
PRACTICAL
Answer any five

(5 x5 = 25)

1. Implement the Clone tool in GIMP
2. Create an image with different backgrounds
3. Do Photo Editing using Heal Tool
4. Create your own Logo for your Company
5. Create a Poster with your ideas
6. Transform an Old photo into New Photo using Colour tool
7. Make a Cartoon image using GIMP

Question No.	1	3	4	4	4	4
Marks	3		4	4	4	4



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Department of Computer Applications & Computer Science
Add On Course Summative Assessment - Attendance Sheet

Course : GNU - Image Manipulation Program

Course Code : ACSCS201

Date : 18/03/2023

CLASS : II year

Batch 2021-2024

S.No.	ID.No.	Name of Students	Signature
1	21BCA64	ABINAYA E	<i>[Signature]</i>
2	21BCA13	ASWIN L	<i>[Signature]</i>
3	21BCA53	BHARANIDHARAN K.P	<i>[Signature]</i>
4	21BCA76	DANIEL S	<i>[Signature]</i>
5	21BCA57	DILLIBABU S	<i>[Signature]</i>
6	21BCA63	ELUMALAI R	<i>[Signature]</i>
7	21BCA24	FAREEN BANU N	<i>[Signature]</i>
8	21BCA25	GANESH M	<i>[Signature]</i>
9	21BCA56	GAUTHAM J	<i>[Signature]</i>
10	21BCA15	GOKUL RAJ S	<i>[Signature]</i>
11	21BCA30	JAGATHISWARAN V	<i>[Signature]</i>
12	21BCA31	KEERTHIKA M	<i>[Signature]</i>
13	21BCA04	LOGAPREETHI V	<i>[Signature]</i>
14	21BCA36	LOGESH M	<i>[Signature]</i>
15	21BCA29	MOHAMED ARSATILR	<i>[Signature]</i>
16	21BCA22	MOHAMMED AMEER M	<i>[Signature]</i>
17	21BCA28	MOHAMMED MUSAMMEL S	<i>[Signature]</i>
18	21BCA75	MOHAN B	<i>[Signature]</i>
19	21BCA50	MUTHUKUMAR A	<i>[Signature]</i>
20	21BCA52	NAGARAJAN S	<i>[Signature]</i>
21	21BCA34	NANDHA KUMAR V	<i>[Signature]</i>
22	21BCA66	NARESH KUMAR V	<i>[Signature]</i>
23	21BCA43	PARTHIBAN E	<i>[Signature]</i>
24	21BCA10	PAUL MASHAK MALAN B	<i>[Signature]</i>



25	21BCA32	POOJA SREE	P. Poial Sree
26	21BCA39	PRADEEP S	S. Pradeep
27	21BCA77	RAGUL K	R. Ragul
28	21BCA47	RAJESH G	Rajesh G
29	21BCA60	ROSHAN BEEVI M	Roshan Beevi M
30	21BCA37	SAGAR O N	O. N. Sagar
31	21BCA71	SANJAY .K	K. Sanjay
32	21BCA09	SANTHOSH S	S. Santhosh
33	21BCA55	SIVARAJ M	S. Sivaram
34	21BCA11	SRIDHAR K	K. Sridhar
35	21BCA40	SRIRAM D	D. Sriram
36	21BCA07	SURENDAR M	M. Surendar
37	21BCA44	TAMIL SELVAN R	R. Tamil Selvan
38	21BCA73	VAIDESH S	S. Vaidesh
39	21BCA79	VIGNESH D	D. Vignesh
40	21BCA08	YUVARAJA R	R. Yuvaraja
41	21BCA86	SANJAY S	S. Sanjay
42	21BCA52	VIMALRAJ S	S. Vimalraj
43	21BCA48	KARTHIKEYAN.M	M. Karthikeyan
44	LATERAL ENTRY	SRIMATHY	M. Srimalthy
45	LATERAL ENTRY	ABSHIKJOYEL	A. Abshikjoyel
46	21BCAE05	BASKARAN V	V. Baskaran
47	21BCAE01	KRITHIKRAJ G	G. Krithikraj
48	21BCAE06	MANOJ KUMAR.K	K. Manoj
49	21BCAE04	MOHAMMED SALEEM A	A. Mohammed Saleem
50	21BSCCS25	MOHAN RAJ.R	R. Mohan Raj
51	21BSCCS14	AAMEERA	A. Aameera
52	21BSCCS24	AJITHKUMAR.D	D. Ajithkumar
53	21BSCCS11	AKASH.B	B. Akash
54	21BSCCS28	ANAND KUMAR.P	P. Anand Kumar
55	21BSCCS06	HARI PRASANTH.V	V. Hari Pranth
56	21BSCCS20	HARISILL	L. Harisill

57	21BSCCS29	JOHNSON.V	V. Johnson
58	21BSCCS17	KALIDASS.B	B. Kalidass
59	21BSCCS26	KAMESHWARAN.P	P. Kameshwaran
60	21BSCCS12	KARTHICK.N	N. Karthick
61	21BSCCS30	KEERTHISH.T.U	U. Keerthish
62	21BSCCS18	LOKESHRAJA.D	D. Lokesh Raja
Staff Signature			D. Lokesh Raja 16/12/23



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SCHOOL OF COMPUTER SCIENCE
Computer Applications, Computer Science, Software Applications
Value Added Course-GIMP

Date : 18/03/2023

CLASS : II year

Batch 2021-2024

SUB CODE : ACSC201

S.No.	ID.No.	Name of Students	Mark
1	21BCA64	ABINAYA E	40
2	21BCA13	ASWIN L	35
3	21BCA53	BHARANIDHARAN K.P	42
4	21BCA76	DANIEL S	38
5	21BCA57	DILLIBABU S	31
6	21BCA63	ELUMALAI R	39
7	21BCA24	FAREEN BANU N	36
8	21BCA25	GANESH M	35
9	21BCA56	GAUTHAM J	39
10	21BCA15	GOKUL RAJ S	42
11	21BCA30	JAGATHISWARAN V	35
12	21BCA31	KEERTHIKA M	41
13	21BCA04	LOGAPREETHI V	41
14	21BCA36	LOGESH M	30
15	21BCA29	MOHAMED ARSATH.R	48
16	21BCA22	MOHAMMED AMEER M	44
17	21BCA28	MOHAMMED MUSAMMEL S	40
18	21BCA75	MOHAN B	35
19	21BCA50	MUTHUKUMAR A	40
20	21BCA52	NAGARAJAN S	36
21	21BCA34	NANDHA KUMAR V	44
22	21BCA66	NARESH KUMAR V	34
23	21BCA43	PARTHIBAN E	37
24	21BCA10	PAUL MASHAK MALAN B	30
25	21BCA32	POOJA SREE	39
26	21BCA39	PRADEEP S	34
27	21BCA77	RAGUL K	44
28	21BCA47	RAJESH G	35
29	21BCA60	ROSHAN BEEVI M	41
30	21BCA37	SAGAR O N	41
31	21BCA71	SANJAY .K	41
32	21BCA09	SANTHOSH S	43
33	21BCA55	SIVARAJ M	44
34	21BCA11	SRIDHAR K	38
35	21BCA40	SRIRAM D	35




S.No.	ID.No.	Name of Students	Mark
36	21BCA07	SURENDAR M	39
37	21BCA44	TAMIL SELVAN R	37
38	21BCA73	VAIDESH S	38
39	21BCA79	VIGNESH D	36
40	21BCA08	YUVARAJA R	33
41	21BCA86	SANJAY S	41
42	21BCA82	VIMALRAJ S	37
43	21BCA48	KARTHIKEYAN.M	36
44	LATERAL ENTRY	SRIMATHY	40
45	LATERAL ENTRY	ABSHIKJOYEL	38
46	21BCAE05	BASKARAN V	40
47	21BCAE01	KRITHIKRAJ G	38
48	21BCAE06	MANOJ KUMAR.K	AAA
49	21BCAE04	MOHAMMED SALEEM A	36
50	21BSCCS25	MOHAN RAJLR	AAA
51	21BSCCS14	AAMEER.A	40
52	21BSCCS24	AJITHKUMAR.D	39
53	21BSCCS11	AKASH.B	38
54	21BSCCS28	ANAND KUMAR.P	33
55	21BSCCS06	HARI PRASANTH.V	AAA
56	21BSCCS20	HARISH.L	38
57	21BSCCS29	JOHNSON.V	40
58	21BSCCS17	KALIDASS.B	33
59	21BSCCS26	KAMESHWARAN.P	40
60	21BSCCS12	KARTHICK.N	35
61	21BSCCS30	KEERTHISH.T.U	44
62	21BSCCS18	LOKESHRAJA.D	45



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Batch (2) 2021-2024 - B		4/2/23	7/2/23	9/2/23	11/2/23	14/2/23	16/2/23	18/2/23	21/2/23	23/2/23	24/2/23	28/2/23	3/3/23	7/3/23	9/3/23	16/3/23	17/3/23	
Sl. No.	ID No.	Name of Students																
1	21BCA6	AATHIRA G																
2	21BCA6	AERPAJH																
3	21BCA17	ANTHONY LAWRENCE A																
4	21BCA17	ARAVIND S																
5	21BCA3	BRUNNESHWAR K																
6	21BCA17	BARISH SANKAR S																
7	21BCA1	BOHARAJ D																
8	21BCA4	BOULIAM																
9	21BCA1	BRHAD ALAMED																
10	21BCA1	SRANT KISHAN D																
11	21BCA4	KRISH VENNY DEV C																
12	21BCA1	KARTHICK M																
13	21BCA6	GEORGE KUMAR P																
14	21BCA2	KARUNESH BALAJA																
15	21BCA1	KARISH M																
16	21BCA6	MOLAMED NAIM S																
17	21BCA2	VIJAYAKESH AVAN																
18	21BCA2	MORAMOHAN INVELI																
19	21BCA8	MADEEV V																
20	21BCA6	POORNIM																
21	21BCA1	PRANTH V																
22	21BCA1	RAJESHI RAJAGURU S																
23	21BCA6	ROSHITH																
24	21BCA18	SARANY																
25	21BCA7	SAN RAJ KUMAR V																
26	21BCA1	SANTHOSH BAI																
27	21BCA15	SATVA NARAYANASE																
28	21BCA1	SONAJIT																
29	21BCA6	SOBRAME																
63	21BCA65	Kesaven S																





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Department of Computer Applications & Computer Science
Add On Course Summative Assessment - Attendance Sheet

Course : GNU - Image Manipulation Program **Course Code : ACSCS201**
Date : 18/03/2023 **CIASS : II year**
Batch 2021-2024

S.No.	ID.No.	Name of Students	Signature
1	21BCA68	AATHIRA G	AA A
2	21BCA46	ABHIRAJ M	Abhiraj M
3	21BCA12	ANTHONY LAWRENCE A	A. Anthony Lawrence
4	21BCA17	ARAVIND S	S. Aravind
5	21BCA26	BHUVANESHWARI R	Bhuvaneshwari R
6	21BCA67	HARISH SANKAR S	S. Harish Sankar
7	21BCA05	HEMARAJ D	Hemraj D
8	21BCA74	INDUJA M	Induja. M
9	21BCA35	IRSHID AHAMED	Irshid. A
10	21BCA51	ISAAC JOSHUA D	Isaac Joshua D
11	21BCA84	JOHN BENNY HINN C	John Benny Hinn C
12	21BCA61	KARTHICK M	M. Karthick
13	21BCA69	KISHORE KUMAR P	P. Kishore
14	21BCA23	KOWSHIK BALAJI A	A. Kowshik Balaji
15	21BCA81	MANISH M	M. Manish
16	21BCA49	MOHAMED NASIM S	Mohamed Nasim S
17	21BCA02	MOHAMEED ASLAM	Mohameed Aslam
18	21BCA27	MOHAMMED JAVEED I	Mohammed Javeed I
19	21BCA78	MUKESH V	Mukesh V
20	21BCA06	POORNI M	M. Poorni
21	21BCA21	PRAWIN M V	P. V. Pravin
22	21BCA41	RAJAESH RAGAVENDRA S	R. Rajaesh



23	21BCA62	ROHITH G	Rohith G
24	21BCA18	SAIRAM V	Sairam V
25	21BCA72	SAM RAJ KUMAR V	Sam Raj Kumar V
26	21BCA45	SANTHOSH RAJ S	Santhosh Raj S
27	21BCA70	SATHYA NARAYANAN K	Sathya Narayanan K
28	21BCA33	SOHAIB T	Sohaib T
29	21BCA01	SRIRAM S	Sriram S
30	21BCA65	STEEPHEN A	Stephen A
31	21BCA83	SUDHAKARAN E	Sudhakaran E
32	21BCA16	THARUN V	Tharun V
33	21BCA42	VENKATHESH A D	Venkatesh A D
34	21BCA03	YAMINI J	Yamini J
35	21BCA20	YOGESWARAN B	Yogeswaran B
36	21BCA19	YOKESH R	R. Yokesh
37	21BCAFS01	RAGINISRI K.R	K.R. Ragini Sri
38	21BCA87	KARTHICK RAJAN	Karthick Rajan
39	21BCA88	SHOBAN BABU	Shoban Babu
40	LATERAL ENTRY	RAGHUL S S	R. Raghu S S
41	TRANSFER	ARUNKUMAR S	Arun Kumar S
42	21BSCSA01	ARAVINDHAN. V	Aravindh V
43	21BSCSA04	DHANUSH KUMAR. R	Dhanush Kumar R
44	21BSCSA03	KARTHIKEYAN. M	M. Karthikeyan
45	21BSCSA02	PRABU. E	Prabu E
46	21BSCSA05	PUGAZHUDIYAR. A	A. Pugazhudyar
47	21BSCCS21	MAGESHWARAN.S	S. Mageshwaran
48	21BSCCS04	MANIKANDAN.C	Manikandan C
49	21BSCCS09	NANDHAKUMAR.S	S. Nandhakumar
50	21BSCCS08	SAM DANIEL.S	S. Sam Daniel
51	21BSCCS03	SANTHOSH KUMAR.R	R. Santhosh Kumar
52	21BSCCS15	SHANKAR.P.M	P.M. Shankar



63 21BCA85 KESAVAN S. Kumar

53	21BSCCS02	SRIKANTH.G	G. Srikanth
54	21BSCCS22	VELAN.K	K. Velan
55	21BSCCS23	VIJAY KUMAR.V	V. Vijay
56	21BSCCS10	VINAYAGAMOORTHIM	V. Vinayagan Prathy...
57	21BSCCS16	JAYA LAKSHMI.V	Jaya
58	21BSCCS27	LAVANYA.M	Lavanya
59	21BSCCS07	MALATHI.S	Malathi.s.
60	21BSCCS01	RAMYA.K	Ramya.K
61	21BSCCS13	RASIKA.P	Ravika P
62	21BSCCS05	SHEEBAVATHI.D	Sheebavathi.D



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Selavayal, Chennai, Tamil Nadu, India

SCHOOL OF COMPUTER SCIENCE

Computer Applications, Computer Science ,Software Applications
Add On Course-GNU- Image Manipulation Program(GIMP)

Date : 18/03/2023

CLASS : II year

Batch 2021-2024


SUB CODE : ACSC201

Add On Course - Summative Assessment Evaluation			
S.No.	ID.No.	Name of Students	Marks
1	21BCA68	AATHIRA G	AA
2	21BCA46	ABHIRAJ M	42
3	21BCA12	ANTHONY LAWRANCE A	42
4	21BCA17	ARAVIND S	30
5	21BCA26	BHUVANESHWARI R	33
6	21BCA67	HARISH SANKAR S	38
7	21BCA05	HEMARAJ D	32
8	21BCA74	INDUJA M	40
9	21BCA35	IRSHID AHAMED	37
10	21BCA51	ISAAC JOSHUA D	33
11	21BCA84	JOHN BENNY HINN C	30
12	21BCA61	KARTHICK M	40
13	21BCA69	KISHORE KUMAR P	41
14	21BCA23	KOWSHIK BALAJI A	40
15	21BCA81	MANISH M	40
16	21BCA49	MOHAMED NASIM S	40
17	21BCA02	MOHAMEED ASLAM	37
18	21BCA27	MOHAMMED JAVEED I	42
19	21BCA78	MUKESH V	30
20	21BCA06	POORNI M	40
21	21BCA21	PRAWIN M V	41
22	21BCA41	RAJAESH RAGAVENDRA S	42
23	21BCA62	ROHITH G	34
24	21BCA18	SAIRAM V	39
25	21BCA72	SAM RAJ KUMAR V	43
26	21BCA45	SANTHOSH RAJ S	34
27	21BCA70	SATHYA NARAYANAN K	30
28	21BCA33	SOHAIB T	33
29	21BCA01	SRIRAM S	36
30	21BCA65	STEEPEN A	41
31	21BCA83	SUDHAKARAN E	34
32	21BCA16	THARUN V	44
33	21BCA42	VENKATHESHI A D	41
34	21BCA03	YAMINI J	37



35	21BCA20	VOGESWARAN B	38
36	21BCA19	YOKESH R	42
37	21BCAFS01	RAGINISRI K.R	38
38	21BCA87	KARTHICK RAJAN	45
39	21BCA88	SHOBAN BABU	36
40	LATERAL ENTRY	RAGHUL S S	35
41	TRANSFER	ARUNKUMAR S	34
42	21BSCSA01	ARAVINDHAN. V	35
43	21BSCSA04	DHANUSH KUMAR. R	33
44	21BSCSA03	KARTHIKEYAN. M	34
45	21BSCSA02	PRABU. E	36
46	21BSCSA05	PUGAZHDIYAR. A	33
47	21BSCCS21	MAGESHWARAN.S	34
48	21BSCCS04	MANIKANDAN.C	34
49	21BSCCS09	NANDHAKUMAR.S	40
50	21BSCCS08	SAM DANIELS	42
51	21BSCCS03	SANTHOSH KUMAR.R	32
52	21BSCCS15	SHANKAR.P.M	40
53	21BSCCS02	SRIKANTH.G	37
54	21BSCCS22	VELAN.K	35
55	21BSCCS23	VIJAY KUMAR.V	31
56	21BSCCS10	VINAYAGAMOORTHIL.M	33
57	21BSCCS16	JAYA LAKSHMI.V	40
58	21BSCCS27	LAVANYA.M	40
59	21BSCCS07	MALATHI.S	40
60	21BSCCS01	RAMYA.K	40
61	21BSCCS13	RASIKA.P	40
62	21BSCCS05	SHEEBAVATHILD	40
63	21BCA85	KESAVAN	35






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 Selavoyal, Chennai, Tamil Nadu, India.


School of Computer Science
Add On Course - II Year (BCA ,B.Sc CS ,B.Sc SA)


Course : GNU - Image Manipulation Program


Course Code : ACSCS201



Chennai, Tamil Nadu, India
47V6+J73, road, Andal Nagar, Selavoyal, Chennai
 Tamil Nadu 600061, India
 Lat 13.144124°
 Long 80.2567°
 18/03/23 11:25 AM GMT +05:30









Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

1.2.2 & 1.2.3 Add-on / Certificates / MoU

1.2 Academic Flexibility

Year: 2022-2023



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CERTIFICATE OF COMPLETION

This Certificate is presented to

ABHIRAJ M of II BCA

for the successful completion of 30 hours Add-On Course

on **"GNU - Image Manipulation Program"**

as a part of their curriculum for the year 2022 - 2023.

V. Devi

Dr. V. Devi
PRINCIPAL

A. N. Murthy

Thiru. A. Narayana Murthy
SECRETARY & CORRESPONDENT



Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

1.2.2 & 1.2.3 Add-on / Certificates / MoU

1.2 Academic Flexibility

Year: 2022-2023



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CERTIFICATE OF COMPLETION

This Certificate is presented to

RAJESH G of II BCA

for the successful completion of 30 hours Add-On Course

on **"GNU - Image Manipulation Program"**

as a part of their curriculum for the year 2022 - 2023.

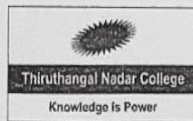


V. Devi

Dr.V.Devi
PRINCIPAL

Thiru.A. Narayana Murthy

Thiru.A. Narayana Murthy
SECRETARY & CORRESPONDENT



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Selavayal, Chennai, Tamil Nadu, India

School of Computer Science

Course : GNU - Image Manipulation Program

Course Code : ACSCS201


FEEDBACK

Timestamp	Name of the Student	Name the Department	Year & Section	ID Number	E-Mail ID	Your Feedback about GIMP
4/6/2023 5:33:45	MOHAMED AMEER.M	BCA	II A	21BCA22	mohamedameeru2004@gmail.com	Fantastic ADD ON COURSE which I ever seen I learnt a lot of things in GIMP it is equal to the paid photoshop it will be useful in my future
4/6/2023 6:26:05	N. Fareen Banu	BCA	II A	21BCA24	fareensheriff1@gmail.com	It was a great experience to learn gimp. Learned so much interesting things and it was very useful
4/6/2023 11:35:43	Ganesh M	BCA	II A	21BCA25	vijayganesh1906@gmail.com	Very good, very simple, very cool, easy to use, easy to understand, easy to edit
4/6/2023 4:15:39	MOHAMMED MUSAMMEL.S	BCA	II A	21BCA28	jammyj284@gmail.com	GIMP It's a very useful course for me and every students now I know about the editing skills using GIMP because of this add on course only and my ma'am well teaches us
4/6/2023 15:54:27	R.poojasree	BCA	II A	21BCA32	ravivasanthip51@gmail.com	Good
4/6/2023 11:41:37	Nandha kumar. V	BCA	II A	21BCA34	Kgfkumar5050@gmail.com	It's good and simple
4/6/2023 4:09:44	Pradeep. S	BCA	II A	21BCA39	jopradeep90@gmail.com	Gimp is best open free source of editing app
4/6/2023 8:36:51	BHARANI DHARANN .K.P	BCA	II A	21BCA53	bharanidharann140617@gmail.com	Gimp is very helpful for us to edit image and enhance the quality of the image and also it is useful for us to create logo etc
4/6/2023 7:20:30	Gautham J	BCA	II A	21BCA56	gauthamjordan91@gmail.com	It will be very useful
4/6/2023 6:28:31	Roshan Beevi M	BCA	II A	21BCA60	roshanbeeivi210303@gmail.com	Gimp is very easy subject .
4/6/2023 6:59:03	Elumalai.R	BCA	II A	21BCA63	appelumalai155@gmail.com	GIMP is helping for me
4/6/2023 11:38:34	E Abinaya	BCA	II A	21BCA64	abielango2004@gmail.com	It is very interesting to know about editing, photo editor, clone



	Name of the Student	Name the Department	Year & Section	ID Number	E-Mail ID	Your Feedback about GIMP
4/6/2023 8:48:03	B.Mohan	BCA	II A	21BCA75	mohanraj20011014@gmail.com	Gimp app is helpful for me editing and quality pictures of the images
4/6/2023 7:31:14	S. Daniel	BCA	II A	21BCA76	sdaniel28910@gmail.com	It is useful to know more about GIMP and it's functions .
4/6/2023 7:11:15	Ragul K	BCA	II A	21BCA77	ragul060404@gmail.com	I learned how to edit my photos and it is used to enhance my photo editing skills
4/6/2023 10:24:15	D VIGNESH	BCA	II A	21BCA79	v3082205@gmail.com	GIMP is a Wonderful Software
4/6/2023 11:23:31	Vimal raj .s	BCA	II A	21BCA82	vimalcandy007@gmail.com	Good
4/6/2023 11:36:47	M.Srimathy	BCA	II A	22BCALE01	srimathy0502@gmail.com	gimp is easily to work. gimp is an useful software
4/6/2023 11:42:31	HariPrasanth	BSc CS	II YEAR	21bscscs06	solokingmaker10@gmail.com	It's very interesting course it's very useful to us I like to study
4/6/2023 12:07:14	I.harish	BSc CS	II YEAR	21bsc cs20	harishharish571@gmail.com	good enough for extra curricular activities
4/1/2023 9:41:26	Kali dass	BSc CS	II YEAR	21bsc.cs17	Kalidass95000@gamil.com	Good
3/31/2023 17:29:11	Hari prasanth	BSc CS	II YEAR	21bscscs06	hariprasanth.cs7076@gmail.com	Good
4/6/2023 10:48:35	Akash.B	BSc CS	II YEAR	21BSCCS11	prasannaakash940@gmail.com	Very Usefull, Improve Knowledge
3/31/2023 17:17:45	N. Karthick	BSc CS	II YEAR	21BSCCS12	karthicknagaraj18@gmail.com	Best free substitute for photoshop!
4/6/2023 14:40:26	AAMEER A	BSc CS	II YEAR	21BSCCS14	aameermotocplus@gmail.com	Excellent class
3/31/2023 21:15:08	Lokesh raja	BSc CS	II YEAR	21BSCCS18	lokeshraja64598@gmail.com	Overall good teaching
4/1/2023 11:37:33	harish.I	BSc CS	II YEAR	21bscscs20	harishcs7077@gmail.com	good
3/31/2023 16:43:19	Kameshwaran.p	BSc CS	II YEAR	21Bscscs26	pkkamesh761@gmail.com	Nice course and very needful course to myself
3/31/2023 21:50:08	Anand kumar. P	BSc CS	II YEAR	21BSCCS28	anandk92677@gmail.com	Good
3/31/2023 17:20:29	KEERTHISH T U	BSc CS	II YEAR	21BSCCS30	alphokeerthi1@gmail.com	Good





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 Selavayal, Chennai, Tamil Nadu, India

School of Computer Science
ADD ON COURSE (II YEAR- BCA , B.Sc CS , B.Sc SA)
Course : GNU - Image Manipulation Program Course Code : ACSCS201

FEEDBACK

Timestamp	Name of the Student	Name the Department	Year & Section	ID Number	E-Mail ID	Your Feedback about GIMP
4/5/2023 23:05:11	M.Poomi	BCA	II B	21BCA06	poomim1411@gmail.com	It is very help ful. It is useful in future
4/5/2023 22:38:19	A.Anthony lawrance	BCA	II B	21bca12	anthonylawrance2004@gmail.com	She is good
4/6/2023 14:24:45	Tharun. V	BCA	II B	21BCA16	vntharun2003@gmail.com	nice editor.
4/5/2023 22:36:42	S.Aravind	BCA	II B	21BCA17	saravindaravind5757@gmail.com	Good
3/30/2023 23:11:02	R. Yokesh	BCA	II B	21BCA19	yokeshyoki12345678@gmail.com	Very excellent course
4/5/2023 22:29:54	yogeswaran.B	BCA	II B	21bca20	yogesyuva26@gmail.com	This course is very helpful to learn and easy
3/30/2023 22:22:48	M.V.Prawn	BCA	II B	21BCA21	m.v.prawn1@gmail.com	Good
4/5/2023 22:11:19	A.Kowshik balaji	BCA	II B	21bca23	kowshikbalaj2003@gmail.com	Very nice photoshop
4/5/2023 22:33:22	Bhuvaneshwari ravi	BCA	II B	21BCA25	ravibhuvana229@gmail.com	Add on course is useful to learn our skill. Motivating the student to encourage them continue the exam.
4/5/2023 22:13:42	Sohaib T	BCA	II B	21BCA33	ssohaibsohaib69@gmail.com	Good
3/30/2023 23:10:38	Karthick.M	BCA	II B	21bca61	km1264423@gmail.com	Good
4/5/2023 22:14:02	ROHITH.G	BCA	II B	21BCA62	rohithicky742004@gmail.com	Thank the teacher for their time and effort its is very useful to as
3/31/2023 14:24:02	A.STEEPHEN	BCA	II B	21BCA65	sunjayeb2001@gamil.com	
4/5/2023 22:50:34	Kishore kumar p	BCA	II B	21BCA69	kishorkarate1@gmail.com	This 4week GIMP course is clean and neat. from this course i learn more about gimp software so its very useful for us for our future career
3/31/2023 21:41:12	Samraj Kumar V	BCA	II B	21BCA72	samrajkumar4321@gmail.com	It was wonderful opportunity to learn gimp
4/5/2023 22:13:11	Induja	BCA	II B	21BCA74	induja102004@gmail.com	Its very useful for editing pics. I learn more and more tools in GIMP. Thank you♥
3/31/2023 15:02:35	Kesavan	BCA	II B	21BCA85	kesavakarthick342@gmail.com	I need study more than edit..



Timestamp	Name of the Student	Name the Department	Year & Section	ID Number	E-Mail ID	Your Feedback about GIMP
4/6/2023 10:39:22	K.Ramya	BSc CS	II YEAR	21bscs01	ramyakumar897@gmail.com	Very informative and useful , this course helps me for making professional photoshops
4/6/2023 10:45:50	SRIKANTH G	BSc CS	II YEAR	21BSOCS02	gopalakshmi824@gmail.com	I'm here to say that, the course is very useful for my career. In that way I'm happy and satisfied.
3/31/2023 17:13:06	Santhoshkumar R	BSc CS	II YEAR	21BSOCS03	santhosh2003001@gmail.com	IT is very useful and easy to edit.
3/31/2023 16:57:53	C.Manikandan	BSc CS	II YEAR	21BSOCS04	manikandan7085cs@gmail.com	It is useful for me and I learnt more about gimp.
3/31/2023 18:03:13	D.Sheebakshi	BSc CS	II YEAR	21bscs05	sheebashheba2405@gmail.com	Useful One
3/31/2023 18:03:48	Malathi. S	BSc CS	II YEAR	21bscs07	Malathiabi04@gmail.com	Good and useful
3/31/2023 16:53:34	Sanidaniel. S	BSc CS	II YEAR	21BSOCS08	Samselvan2505@gmail.com	Good
4/1/2023 9:51:44	Vinayagamoorthi	BSc CS	II YEAR	21BACCS10	vinayagamcheenu46@gmail.com	Good !!! And helpfulness
3/31/2023 17:36:16	Shankar pm	BSc CS	II YEAR	21BSOCS15	shankarpm05@gmail.com	Good
3/31/2023 18:12:08	V.jayalakshmi	BSc CS	II YEAR	21Bscs16	Jayalakshminenkal13@gmail.com	Good and useful
3/31/2023 16:37:33	S.Mageshwaran	BSc CS	II YEAR	21BSOCS21	mw651597@gmail.com	It is Very usefull thing and easy to understand.
3/31/2023 17:17:49	k.velan	BSc CS	II YEAR	21Bscs22	velan.cs7061@gmail.com	It's very useful
3/31/2023 18:33:26	V.vijaykumar	BSc CS	II YEAR	21bscs23	vk910501@gmail.com	Good
4/6/2023 14:35:27	R.Mohan raj	BSc CS	II YEAR	25bscs21	mohanrajavan182@gmail.com	Good
3/31/2023 17:08:20	S.Nandhakumar	BSc CS	II YEAR	Bscs39	srsnandhu2003@gmail.com	Good
3/31/2023 18:34:51	P. Rasika	BSc CS	II YEAR	Bscs13	rasika84380@gmail.com	Good



REPORT

The Add-on Course entitled “GNU Image Manipulation Program” were conducted during the academic year 2022-2023 for 30 hours for the II students of Computer Science stream. Out of 125 students 121 students attended the course and benefited. Assignments were given and Practical and Theory examination were conducted for assessing the students’ knowledge over the course. After the assessment they were awarded with online certificates.



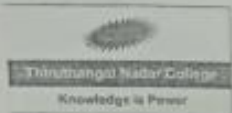
Computer Hardware and Computer Networking



DEPARTMENT OF COMPUTER SCIENCE

Batch 2020-2023		DATE																
SL.NO	ID NO	STUDENT NAME	1/2/23	7/2/23	9/2/23	11/2/23	14/2/23	16/2/23	18/2/23	21/2/23	23/2/23	28/2/23	2/3/23	7/3/23	9/3/23	16/3/23	18/3/23	19/3/23
1	20BSCCS49	ANTONY M	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2	20BSCCS48	BALAJI P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
3	20BSCCS38	BHARATH M	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
4	20BSCCS08	DEVENDRAN K	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5	20BSCCS35	DHATHSETH ROSHAN A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
6	20BSCCS81	GEETHA D	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
7	20BSCCS30	HARISH KUMAR M	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
8	20BSCCS01	KARANKUMAR G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
9	20BSCCS50	KARTHIKEYAN N	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
10	20BSCCS06	KISHORE P	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
11	20BSCCS29	MEENAKSHI SUNDARAM S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
12	20BSCCS10	MONISH T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
13	20BSCCS23	NARASIMHA MOORTHY M	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
14	20BSCCS47	NITHUSH KUMAR G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
15	20BSCCS57	PATCHAI RAJ A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
16	20BSCCS46	PRIYA D	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
17	20BSCCS36	PRIVATHERSHNI K	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
18	20BSCCS09	ROGAN S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
19	20BSCCS14	SADAMVULLAH I	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
20	20BSCCS26	SANDHYA K	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
21	20BSCCS31	SATHIYA J	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
22	20BSCCS32	SHATHIS KUMAR D	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
23	20BSCCS18	SHERIN I	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
24	20BSCCS37	SUJITHA SHREE G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
25	20BSCCS11	VIGNESHWARAN S	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
26	20BSCCS25	VIKRAM B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A



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ADD-ON Course on COMPUTER HARDWARE and COMPUTER NETWORKING
SUMMATIVE ASSESSMENT - 18/03/2023
BRANCH: B.SC-COMPUTER SCIENCE , B.SC-SOFTWARE APPLICATIONS, BCA
ACADEMIC YEAR: 2022-2023 SEMESTER: EVEN BATCH: 2020-2023 MAX. MARKS: 100

1. Which among the following is not a peripheral hardware device in a computer system?
A.Keyboard B.Optical Drive C.HDD D.Printer
- 2.Which among the following hardware you usually can't find inside a CPU Casing? A.Power Supply box
B.Video card C.Video display unit D.Graphics processor
- 3.Teletypewriter terminal is an example of
A.input devices B.output devices C.input/output devices D.storage devices
- 4.Computer which can perform quadrillion instruction per second is termed as A.Supercomputer
B.Personal Computer C.PLC D.Automobile
5. In a computer keyboard the Alt, Ctrl, Shift, Del & Insert keys are known as
A.Standard keys B.Function keys C.Navigation keys D.Special purpose keys
6. BIOS is used by
(A) application software (B) operating system (C) compiler (D) interpreter
- 7.The MS DOS operating system is a
(A) command driven interface, multitasking operating system (B) command driven interface, single tasking operating system (C) graphical user interface, multitasking operating system (D) graphical user interface, single tasking operating system
8. Which is not application software?
(A) Photoshop (B) WinWord XP (C) Page Maker (D) Windows NT
- 9.Virtual memory typically located on
(A) hard drive (B) flash card (C) central processing unit (D) read only memory
- 10.Linux is a(n)operating system.
(A) mac (B) windows (C) microsoft (D) open source



11. To access the services of the operating system, the interface is provided by the _____
a) Library b) System calls c) Assembly instructions d) API

12. Which one of the following is not true?
a) kernel remains in the memory during the entire computer session
b) kernel is made of various modules which can not be loaded in running operating system
c) kernel is the first part of the operating system to load into memory during booting
d) kernel is the program that constitutes the central core of the operating system

13. Which one of the following errors will be handled by the operating system?
a) lack of paper in printer b) connection failure in the network c) power failure d) all of the mentioned

14. If a process fails, most operating system write the error information to a _____
a) new file b) another running process c) log file d) none of the mentioned

15. Which one of the following is not a real time operating system?
a) RTLinux b) Palm OS c) QNX d) VxWorks

16. RAID level 3 supports a lower number of I/Os per second, because _____
a) Every disk has to participate in every I/O request b) Only one disk participates per I/O request c) I/O cycle consumes a lot of CPU time d) All of the mentioned

17. RAID level is also known as block interleaved parity organization and uses block level striping and keeps a parity block on a separate disk.
a) 1 b) 2 c) 3 d) 4

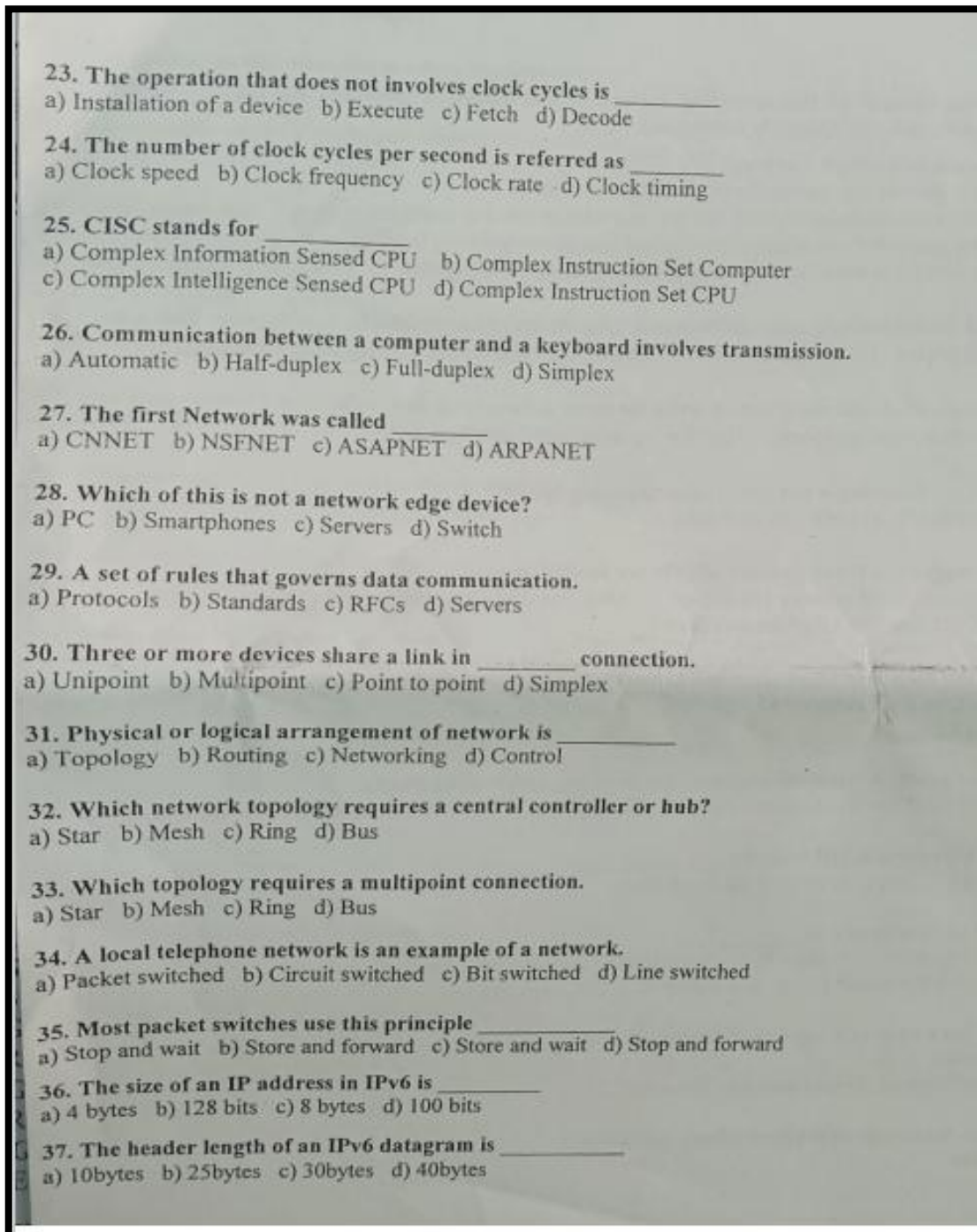
18. A performance problem wit is the expense of computing and writing parity.
a) non-parity based RAID levels b) parity based RAID levels c) all RAID levels d) none of the mentioned

19. The overall I/O rate in RAID level 4 is _____
a) low b) very low c) high d) none of the mentioned

20. RAID level 5 is also known as _____
a) bit-interleaved parity organization b) block-interleaved parity organization
c) block-interleaved distributed parity d) memory-style ECC organization

21. Computer has a built-in system clock that emits millions of regularly spaced electric pulses per _____ called clock cycles.
a) second b) millisecond c) microsecond d) minute

22. It takes one clock cycle to perform a basic operation.
a) True b) False





38. In the IPv6 header, the traffic class field is similar to which field in the IPv4 header?
a) Fragmentation field b) Fast-switching c) ToS field d) Option field
39. IPv6 does not use _____ type of address.
a) broadcast b) multicast c) anycast d) unicast
40. Which among the following features is present in IPv6 but not in IPv4?
a) Fragmentation b) Header checksum c) Options d) Anycast address
41. Ethernet frame consists of _____
a) MAC address b) IP address c) Default mask d) Network address
42. MAC address is of _____
a) 24 bits b) 36 bits c) 42 bits d) 48 bits
43. What is autonegotiation?
a) a procedure by which two connected devices choose common transmission parameters
b) a security algorithm c) a routing algorithm d) encryption algorithm
44. Ethernet in metropolitan area network (MAN) can be used as _____
a) pure ethernet b) ethernet over SDH c) ethernet over MPLS d) all of the mentioned
45. High speed ethernet works on _____
a) coaxial cable b) twisted pair cable c) optical fiber d) unshielded twisted pair cable
46. The maximum size of payload field in ethernet frame is _____
a) 1000 bytes b) 1200 bytes c) 1300 bytes d) 1500 bytes
47. What is interframe gap?
a) idle time between frames b) idle time between frame bits c) idle time between packets
d) idle time between networks
48. WiMAX stands for _____
a) wireless maximum communication b) worldwide interoperability for microwave access
c) worldwide international standard for microwave access d) wireless internet maximum communication
49. WiMAX provides _____
a) simplex communication b) half duplex communication c) full duplex communication
d) no communication
50. Which implies that all subnets obtained from the same subnet mask.
a) Static subnetting b) Dynamic subnetting c) Variable length subnetting d) Dynamic length subnetting



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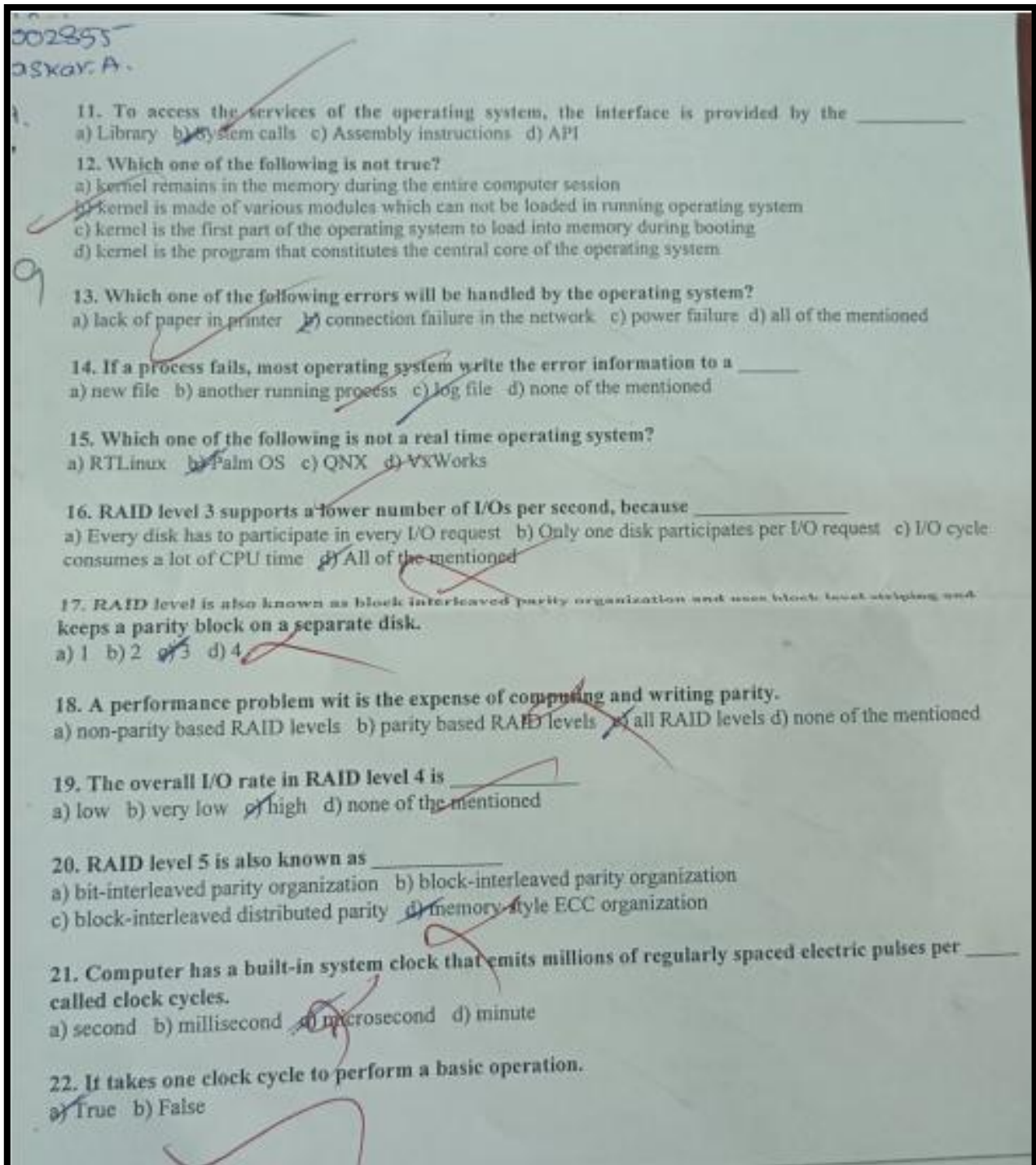
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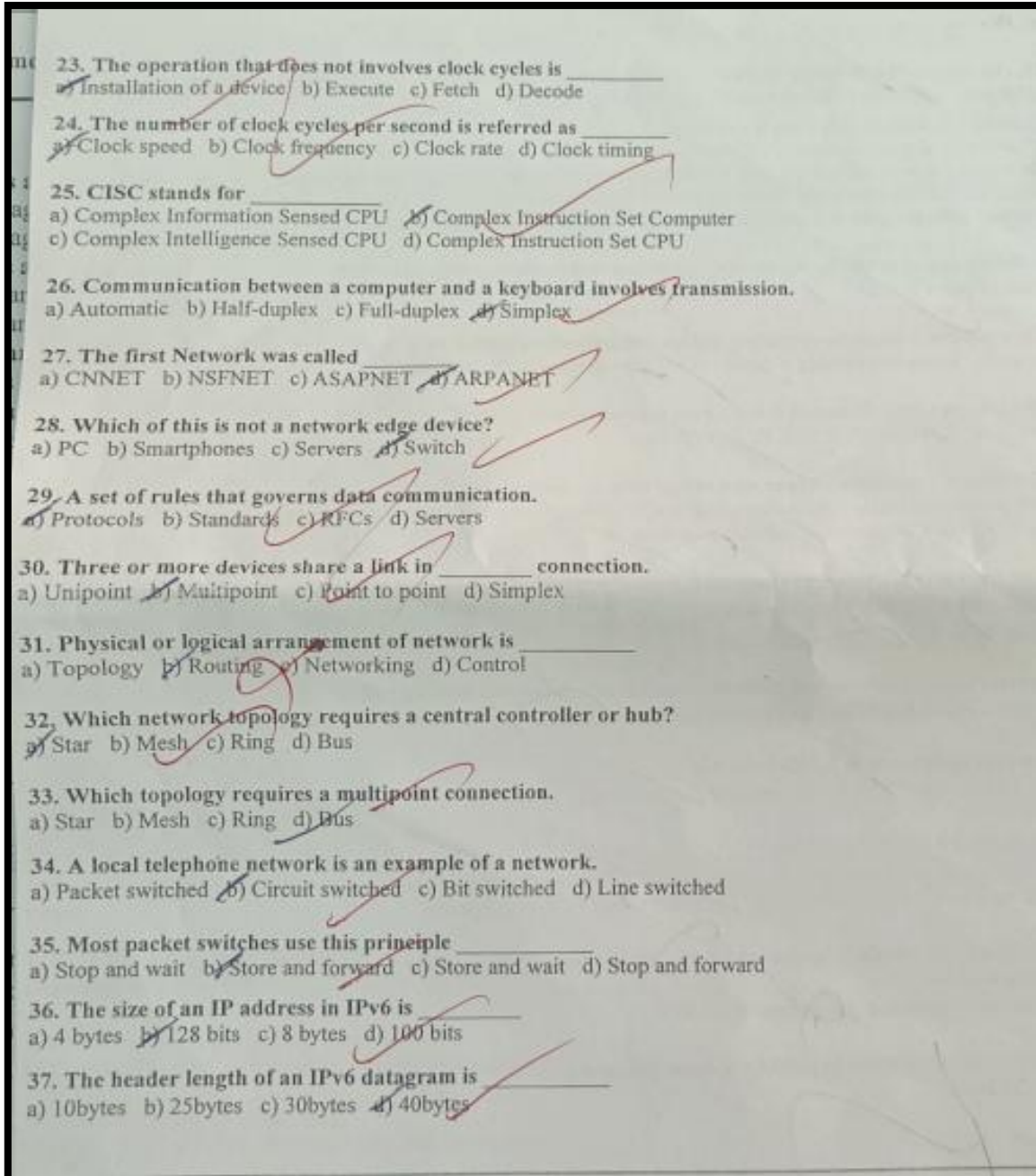
20BCA99.
BCA 1st - 'A'

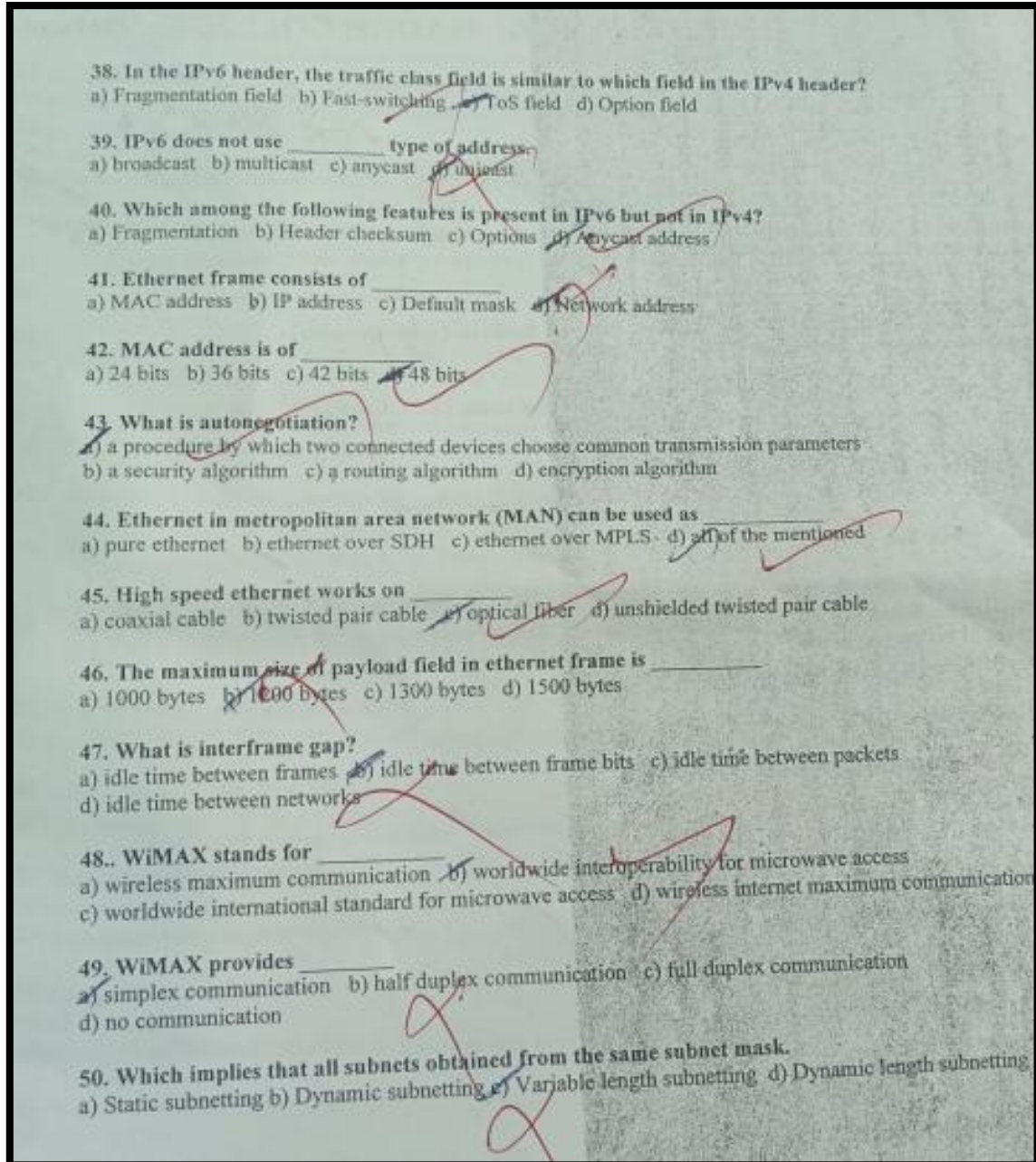
ADD-ON Course on COMPUTER HARDWARE and COMPUTER NETWORKING
SUMMATIVE ASSESSMENT - 18/03/2023

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Selavayal, Chennai, Tamil Nadu, India			
Department of Computer Science			
Add On Course - Summative Assessment - Attendance Sheet - III B.Sc - CS			
Sub. Name : Computer Hardware & Computer Networking		Sub. Code : ACSCS302	
S.No.	ID.No.	Name of Students	Signature
1	20BSCCS49	ANTONY M	Antony M.
2	20BSCCS48	BALAJI P	Balaji P
3	20BSCCS38	BHARATH M	Bharath M
4	20BSCCS08	DEVENDRAN K	Devendran K
5	20BSCCS55	DHATSHETH ROSHAN A	Dhatsheth Roshan A
6	20BSCCS51	GEETHA D	Geetha D
7	20BSCCS30	HARISH KUMAR M	Harish Kumar M
8	20BSCCS01	KARANKUMAR G	Karankumar G
9	20BSCCS50	KARTHIKEYAN N	Karthikeyan N
10	20BSCCS06	KISHORE P	Kishore P
11	20BSCCS29	MEENAKSHI SUNDARAM S	Meenakshi Sundaram S
12	20BSCCS10	MONISH T	Monish T
13	20BSCCS23	NARASIMHA MOORTHY M	Narasimhamoorthy M
14	20BSCCS47	NITHISH KUMAR G	Nithish Kumar G
15	20BSCCS57	PATCHAI RAJ A	Patchai Raj A
16	20BSCCS46	PRIYA D	Priya D
17	20BSCCS36	PRİYATHERSHNI K	Priyathershni K
18	20BSCCS09	ROGAN S	Rogan S
19	20BSCCS14	SADAMVULLAH I	Sadamullah I
20	20BSCCS26	SANDHIYA K	Sandhiya K
21	20BSCCS31	SATHIYA J	Sathiya J
22	20BSCCS32	SHATHIS KUMAR D	Shathis Kumar D
23	20BSCCS18	SHERIN I	Sherin I
24	20BSCCS37	SUJITHA SHREE G	Sujitha Shree G
25	20BSCCS11	VIGNESHWARAN S	Vigneshwaran S
26	20BSCCS25	VIKRAM B	Vikram B
27	20BSCCS13	VISHNU S	Vishnu S
28	20BSCCS17	YEDHU KRISHNA M	Yedhu Krishna M
29	20BSCCS52	YOGHESWARAN P	Yogheswaran P
30	20BSCCS59	ANAS IRFAN I	Anas Irfan I
31	20BSCCS20	ELLALAN H	Ellalan H
32	20BSCCS27	ELLAVARASAN I	Ellavarasan I
33	20BSCCS41	GURULINGAM K	Gurulingam K
34	20BSCCS22	HARIHARAN A	Hariharan A
35	20BSCCS44	JACOB S	Jacob S
36	20BSCCS19	JEBASUGANTHI J	Jebasuganthi J
37	20BSCCS24	JEEVA V	Jeeva V
38	20BSCCS03	JOTHI LINGAM P	Jothi Lingam P
39	20BSCCS16	KAMESH KANNA G	Kamesh Kanna G
40	20BSCCS33	KRITHIKA K	Krithika K
41	20BSCCS39	KUMARAN R	Kumaran R



42	20BSCCS34	LOKESH K	Lokesh
43	20BSCCS02	MAGESH M	M. Magesh
44	20BSCCS43	NIVETHA R	R. Nivetha
45	20BSCCS35	PARTHIBAN E	P. Parthiban
46	20BSCCS07	PON BHARATH M	P. Pon Bharath
47	20BSCCS28	POORNIMA A	P. Poornima
48	20BSCCS54	ROHITHSAMY V	V. Rohithsamy
49	20BSCCS42	SANJAY KUMAR R	R. Sanjay Kumar
50	20BSCCS58	SARAN B	B. Saran
51	20BSCCS04	SARUMATHI S	S. Sarumathi
52	20BSCCS15	SARVESH S	S. Sarvesh
53	20BSCCS21	SHAIK RAFIK H	H. Shaik Rafik
54	20BSCCS05	SIDHARTH S	S. Sidharth
55	20BSCCS45	SNEHA P	P. Sneha
56	20BSCCS40	SUBA SHREE S	S. Suba Shree
57	20BSCCS12	SURENDER C	C. Surender
58	20BSCCS56	YUGENDHIRAN S	S. Yugendhiran
STAFF SIGNATURE			<i>(Signature)</i>



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SCHOOL OF COMPUTER SCIENCE

ADD- ON COURSE

COURSE TITLE: COMPUTER HARDWARE AND NETWORKING

CLASS : III BSC(CS)

SUB CODE : ACSCS302

STAFF : Mr.C.Gunaseelan

S.NO	STUDENT ID NO	STUDENT NAME	SCORE
1	20BSCCS49	ANTONY M	84
2	20BSCCS48	BALAJI P	60
3	20BSCCS38	BHARATH M	70
4	20BSCCS08	DEVENDRAN K	80
5	20BSCCS55	DHATSHETH ROSHAN A	90
6	20BSCCS51	GEETHA D	84
7	20BSCCS30	HARISH KUMAR M	88
8	20BSCCS01	KARANKUMAR G	90
9	20BSCCS50	KARTHIKEYAN N	68
10	20BSCCS06	KISHORE P	56
11	20BSCCS29	MEENAKSHI SUNDARAM S	58
12	20BSCCS10	MONISH T	58
13	20BSCCS23	NARASIMHA MOORTHY M	96
14	20BSCCS47	NITHISH KUMAR G	60
15	20BSCCS57	PATCHAI RAJ A	60
16	20BSCCS46	PRIYA D	96
17	20BSCCS36	PRIYATHERSHNI K	84
18	20BSCCS09	ROGAN S	80
19	20BSCCS14	SADAMVULLAH I	96
20	20BSCCS26	SANDHIYA K	84
21	20BSCCS31	SATHIYA J	96
22	20BSCCS32	SHATHIS KUMAR D	58
23	20BSCCS18	SHERIN I	86
24	20BSCCS37	SUJITHA SHREE G	90
25	20BSCCS11	VIGNESHWARAN S	88
26	20BSCCS25	VIKRAM B	86
27	20BSCCS13	VISHNU S	80
28	20BSCCS17	YEDHU KRISHNA M	56
29	20BSCCS52	YOGESHWARAN P	A
30	20BSCCS59	ANAS IRFAN.I	74
31	20BSCCS20	ELLALAN.H	94
32	20BSCCS27	ELLAVARASAN.I	64
33	20BSCCS41	GURULINGAM.K	70



34	20BSCCS22	HARIHARAN.A	A
35	20BSCCS44	JACOB.S	90
36	20BSCCS19	JEBASUGANTHI.J	64
37	20BSCCS24	JEEVA.V	56
38	20BSCCS03	JOTHI LINGAM.P	72
39	20BSCCS16	KAMESH KANNA.G	90
40	20BSCCS33	KRITHIKA.K	98
41	20BSCCS39	KUMARAN.R	70
42	20BSCCS34	LOKESH.K	88
43	20BSCCS02	MAGESH.M	90
44	20BSCCS43	NIVETHA.R	66
45	20BSCCS 35	PARTHIBAN.E	96
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47	20BSCCS28	POORNIMA.A	64
48	20BSCCS54	ROHITHSAMY.V	84
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51	20BSCCS04	SARUMATHI.S	80
52	20BSCCS15	SARVESH.S	56
53	20BSCCS21	SHAIK RAFIK.H	60
54	20BSCCS05	SIDHARTH.S	56
55	20BSCCS45	SNEHA.P	70
56	20BSCCS40	SUBA SHREE.S	74
57	20BSCCS12	SURENDER.C	80
58	20BSCCS56	YUGENDHIRAN.S	A



DEPARTMENT OF COMPUTER APPLICATIONS & DEPARTMENT OF SOFTWARE APPLICATIONS

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Add On Course - Attendance Sheet - III BCA 'A' & III B.Sc - 5A

Sl. No	Batch 2020-2023		DATE																
	ID NO	STUDENT NAME	1/2/22	7/2/22	9/2/22	11/2/22	14/2/22	16/2/22	18/2/22	21/2/22	23/2/22	28/2	3/3	7/3	9/3	16/3/22	18/3/22	19/3/22	
1	20BCA59	PRASANTH KUMAR CHOWDHARY H	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
2	20BCA06	KARTHIK S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
3	20BCA08	AJITH C M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
4	20BCA63	AKASH A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
5	20BCA30	BALAJI M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
6	20BCA58	BASKAR A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
7	20BCA02	DEVARAJ D	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
8	20BCA70	DINESH KUMAR D	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
9	20BCA34	DINESH KUMAR S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
10	20BCA24	GOKUL B	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
11	20BCA85	HARIVIGNESH M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
12	20BCA11	JHALESHKANNAN K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
13	20BCA25	KARTHIKEYAN T	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
14	20BCA37	KAVARASU D	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
15	20BCA04	LAKSHMI NARAYANAN A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
16	20BCA80	MADESH R	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
17	20BCA89	MADESH B	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
18	20BCA39	MANIMARAN E	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
19	20BCA40	MISSA AHAMED S	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
20	20BCA19	MONISH A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
21	20BCA15	PONRAJ M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
22	20BCA14	PRASANNA VISHNU K	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
23	20BCA72	PREMKUMAR V	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
24	20BCA54	RAVITEJA E	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
25	20BCA12	RUBAN RAJ L	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
26	20BCA57	SAWRAJ WILSON A	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
27	20BCA82	SARATH M	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	



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ADD- ON COURSE

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CLASS : III BSC(S/A) & III BCA A

SUB CODE :

ACSCS302

STAFF : Mrs. SANDHYA SABU

S.NO	STUDENT ID NO	STUDENT NAME	SIGNATURE
1	20BCA58	PRASANTH KUMAR CHOWDHARY H	<i>Pranth</i>
2	20BCA06	KARTHICK S	<i>S. Karthick</i>
3	20BCA08	AJITH C M	<i>Ajith C M</i>
4	20BCA63	AKASH A	<i>Akash A</i>
5	20BCA30	BALAJI M	<i>Balaji M</i>
6	20BCA99	BASKAR A	<i>Baskar A</i>
7	20BCA92	DEVARAJ D	<i>Devaraj D</i>
8	20BCA70	DINESH KUMAR D	<i>D. Dinesh</i>
9	20BCA34	DINESH KUMAR S	<i>D. Dinesh</i>
10	20BCA24	GOKUL B	<i>Gokul B</i>
11	20BCA85	HARIVIGNESH M	<i>H. Harivignesh</i>
12	20BCA11	JHALESHKANNAN K	<i>J. Haleshkannan</i>
13	20BCA25	KARTHIKEYAN T	<i>K. Karthikeyan</i>
14	20BCA37	KAVIARASU D	<i>K. Kaviarasu</i>
15	20BCA04	LAKSHMI NARAYANAN A	<i>L. Lakshmi Narayanan</i>
16	20BCA60	MADESH R	<i>M. Madesh</i>
17	20BCA88	MAGESH S	<i>M. Magesh</i>
18	20BCA39	MANIMARAN E	<i>M. Manimaran</i>
19	20BCA49	MISBA AHAMED S	<i>M. Misba Ahamed</i>
20	20BCA19	MONISH A	<i>M. Monish</i>
21	20BCA15	PONRAJ M	<i>P. Ponraj</i>
22	20BCA14	PRASANNA VISHNU K	<i>P. Prasnna Vishnu</i>
23	20BCA72	PREMKUMAR V	<i>P. Premkumar</i>
24	20BCA54	RAVITEJA E	<i>R. Raviteja</i>
25	20BCA12	RUBAN RAJ L	<i>R. Ruban Raj</i>
26	20BCA07	SAMRAJ WILSON A	<i>S. Samraj Wilson</i>
27	20BCA62	SARATH M	<i>S. Sarath M</i>
28	20BCA41	SARAVANAN V	<i>S. Saravanan</i>
29	20BCA38	SIVA P	<i>S. Siva P</i>
30	20BCA01	SRIKANTH V G	<i>S. Srikanth V G</i>
31	20BCA76	SUNDHARESAN S(TC)	<i>S. Sundharesan</i>
32	20BCA82	VELRAJ S	<i>V. Velraj S</i>
33	20BCA69	VINOTHKUMAR S	<i>V. Vinoth Kumar</i>
34	20BCA67	BHAVANI K	<i>B. Bhavani K</i>
35	20BCA90	BHAVANI R	<i>B. Bhavani R</i>
36	20BCA43	GAYATHRI N G	<i>G. Gayathri N G</i>



37	20BCA100	GAYATHRI V	Gayathri
38	20BCA56	KANIMOZHI M	Kanimozhi
39	20BCA77	KATHIJA NASRIN M	Kathiya
40	20BCAFS2	KIRUTHIKA S	S. Kiruthika
41	20BCA64	LAVANYA S	S. Lavanya
42	20BCA80	MAGESWARI M	Mageswari
43	20BCA73	MAHALAKSHMI L	L. Mahalakshmi
44	20BCA10	MANJUSREE V P	Manjusa
45	20BCA45	MONISHA K	Monisha
46	20BCA26	RADHIKA J	J. Radhika
47	20BCA47	SANGAVI P	P. Sangavi
48	20BCA51	SHAMINI S	S. Shamini
49	20BCA94	SUPRAJA M L	M. Supraja
50	20BCAFS1	UMAMAHESWARI S	S. Umamaheswari
51	21BCALE01	AISHWARYA LAXMI S	S. Aishwarya
52	21BCATRO1	KARTHIK RAJA P	P. Karthik Raja
53	20BSCSA08	ABISHEK Y S	Y. Abhishek
54	20BSCSA04	GURUSANKAR S	S. Gurusankar
55	20BSCSA09	PRADEEP K	K. Pradeep
56	20BSCSA07	PRADIP V S	S. Pradip V. S.
57	20BSCSA01	SIVAKUMAR K	K. Sivakumar
58	20BSCSA06	SUNDHARAPANDI S	S. Sundharapandi
59	20BSCSA03	JAYASUDHA J	J. Jayasudha
60	20BSCSA02	KALAISELVI K	K. Kalaiselvi



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SCHOOL OF COMPUTER SCIENCE

ADD- ON COURSE

COURSE TITLE: COMPUTER HARDWARE AND NETWORKING

CLASS : III BSC(S/A) & III BCA A

SUB CODE : ACSCS302

STAFF : Mrs. SANDHYA SABU

S.NO	STUDENT ID NO	STUDENT NAME	SCORE
1	20BCA58	PRASANTH KUMAR CHOWDHARY H	60
2	20BCA06	KARTHICK S	82
3	20BCA08	AJITH C M	68
4	20BCA63	AKASH A	80
5	20BCA30	BALAJI M	66
6	20BCA99	BASKAR A	78
7	20BCA92	DEVARAJ D	74
8	20BCA70	DINESH KUMAR D	76
9	20BCA34	DINESH KUMAR S	60
10	20BCA24	GOKUL B	74
11	20BCA85	HARIVIGNESH M	88
12	20BCA11	JHALESHKANNAN K	76
13	20BCA25	KARTHIKEYAN T	76
14	20BCA37	KAVIARASU D	66
15	20BCA04	LAKSHMI NARAYANAN A	78
16	20BCA60	MADESH R	68
17	20BCA88	MAGESH S	68
18	20BCA39	MANIMARAN E	70
19	20BCA49	MISBA AHAMED S	70
20	20BCA19	MONISH A	78
21	20BCA15	PONRAJ M	78
22	20BCA14	PRASANNA VISHNU K	78
23	20BCA72	PREMKUMAR V	78
24	20BCA54	RAVITEJA E	76
25	20BCA12	RUBAN RAJ L	66
26	20BCA07	SAMRAJ WILSON A	56
27	20BCA62	SARATH M	78
28	20BCA41	SARAVANAN V	86
29	20BCA38	SIVA P	82
30	20BCA01	SRIKANTH V G	62
31	20BCA76	SUNDHARESAN S(TC)	A
32	20BCA82	VELRAJ S	72



33	20BCA69	VINOTHKUMAR S	78
34	20BCA67	BHAVANI K	58
35	20BCA90	BHAVANI R	68
36	20BCA43	GAYATHRI N G	74
37	20BCA100	GAYATHRI V	74
38	20BCA56	KANIMOZHI M	62
39	20BCA77	KATHIJA NASRIN M	88
40	20BCAFS2	KIRUTHIKA S	76
41	20BCA64	LAVANYA S	66
42	20BCA80	MAGESWARI M	74
43	20BCA73	MAHALAKSHMI L	76
44	20BCA10	MANJUSREE V P	84
45	20BCA45	MONISHA K	68
46	20BCA26	RADHIKA J	88
47	20BCA47	SANGAVI P	62
48	20BCA51	SHAMINI S	72
49	20BCA94	SUPRAJA M L	88
50	20BCAFS1	UMAMAHESWARI S	80
51	21BCALE01	AISHWARYA LAXMI S	76
52	21BCATRO1	KARTHIK RAJA P	56
53	20BSCSA08	ABISHEK Y S	56
54	20BSCSA04	GURUSANKAR S	72
55	20BSCSA09	PRADEEP K	72
56	20BSCSA07	PRADIP V S	72
57	20BSCSA01	SIVAKUMAR K	70
58	20BSCSA06	SUNDHARAPANDI S	72
59	20BSCSA03	JAYASUDHA J	52
60	20BSCSA02	KALAISELVI K	72



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Selvayal, Chennai, Tamil Nadu, India

Department of Computer Applications
Add On - Attendance Sheet - III BCA 'B' & III BCA - SHIFT II

SLNO	ID NO	STUDENT NAME	DATE																
			12/23	7/23	9/23	11/23	14/23	16/23	17/23	21/23	24/23	28/23	3/3	7/3	9/3	16/3	19/3	23/3	
1	20BCA50	BOCHU BILANUCHANDU																	
2	20BCA59	HAJA KUMAR R																	
3	20BCA104	SUJA R																	
4	20BCA21	SANTHOSH E																	
5	20BCA26	IRANMESH P																	
6	20BCA57	SYED KHADIR AHMED R																	
7	20BCA42	AKASH S																	
8	20BCA33	AMALA ROBINSON K																	
9	20BCA101	ANAND V																	
10	20BCA74	BRIGHT SAMUEL A																	
11	20BCA09	SHANUSHIGIRI V																	
12	20BCA08	GHAYALAN S																	
13	20BCA31	DURAJ RAJ D																	
14	20BCA22	GNANAVEL N																	
15	20BCA16	GOKUL RAJ G																	
16	20BCA69	HARI KRISHNAN C M																	
17	20BCA40	HARISHA																	
18	20BCA27	HEMNATH S																	
19	20BCA91	JAGADESH T																	
20	20BCA79	JAIKUMAR L																	
21	20BCA18	JOTHU VELAN B																	
22	20BCA105	KARTHIKEYAN C																	
23	20BCA95	KISHORE L																	
24	20BCA86	KUMARESAN P																	
25	20BCA23	LOGESHWARAN B																	
26	20BCA68	MADESHWARAN S																	



20BCA71	MAGESH M																			
20BCA48	MANIKANDAN S																			
20BCA102	NATARAJ P																			
20BCA55	NITHISH KUMAR P																			
20BCA02	PRADEEP P																			
20BCA20	PRASANTH V B																			
20BCA36	PRAVEEN KUMAR M																			
20BCA44	RAGUL DAVID R																			
20BCA53	RAJ M																			
20BCA103	SABEER AHAMED A																			
20BCA32	SANJAY B																			
20BCA87	SANTHOSH D																			
20BCA17	SARLVAHAN V																			
20BCA35	SATHIARAMAN R																			
20BCA81	SUDHAR B																			
20BCA03	SURYA M																			
20BCA61	VETRIVEL T																			
20BCA29	YOKESH S																			
20BCA65	KAVISA V																			
20BCA98	MANUPRIYA P																			
20BCA46	NANDHINI K																			
20BCA75	SWETHA S																			
20BCA66	UMA MAHESWAR P																			
19BCA77	HARIBHARA SUDAN S																			
20BCAE04	ESAKE A																			
20BCAE01	KAPILL																			
20BCAE02	MYLESHWAR S																			
20BCAE05	RAGHUL M																			
20BCAE03	WILLIAMS A																			
Staff Signature																				



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Selavayal, Chennai, Tamil Nadu, India			
Department of Computer Science			
Add On Course - Summative Assessment - Attendance Sheet - III BCA 'B' & III BCA - Shift II			
Sub. Name : Computer Hardware & Computer Networking		Sub. Code : ACSCS302	
S.No.	ID.No.	Name of Students	Signature
1	20BCA50	BOCHU BHANUCHANDU	A
2	20BCA59	RAJA KUMAR R	A
3	20BCA104	SOJA R	Soja R
4	20BCA21	SANTHOSH E	Santhosh E
5	20BCA28	FRAMESH P	Pramesh P
6	20BCA57	SYED KHADIR AHMED R	Syed Khadir
7	20BCA42	AKASH S	Akash S
8	20BCA33	AMALA ROBINSON K	K. Amala
9	20BCA101	ANAND V	V. Anand
10	20BCA74	BRIGHT SAMUEL A	Bright Samuel
11	20BCA09	DHANUSHGIRI V	Dhanushgiri V
12	20BCA96	DHAYALAN S	Dhayalan S
13	20BCA31	DURAI RAJ B	Durai Raj B
14	20BCA22	GNAVEL N	Gnavel N
15	20BCA16	GOKUL RAJ G	Gokul Raj G
16	20BCA89	HARI KRISHNAN C M	Hari Krishnan C M
17	20BCA40	HARISH A	Harish A
18	20BCA27	HEMNATH S	S. Hemnath
19	20BCA91	JAGADESH T	Jagadesh T
20	20BCA79	JAIKUMAR L	Jaikummar L
21	20BCA18	JOTHI VELAN B	Jothi Velan B
22	20BCA105	KARTHIKEYAN C	Karthikeyan C
23	20BCA95	KISHORE L	Kishore L
24	20BCA86	KUMARESAN P	P. Kumaresan
25	20BCA23	LOGESHWARAN B	B. Logeshwaran
26	20BCA68	MADESHWARAN S	S. Madeshwaran
27	20BCA71	MAGESH M	Magesh M
28	20BCA48	MANIKANDAN S	Manikandan S
29	20BCA102	NATARAJ P	Nataraj P
30	20BCA55	NITHISH KUMAR P	Nithish Kumar P
31	20BCA02	PRADEEP P	Pradeep P
32	20BCA20	PRASANTH V B	Prasanth V B
33	20BCA36	PRAVEEN KUMAR M	Praveen Kumar M
34	20BCA44	RAGUL DAVID R	Ragul David R
35	20BCA53	RAJ M	Raj M
36	20BCA103	SABEER AHAMED A	Sabeer Ahamed A
37	20BCA32	SANJAY B	B. Sanjay
38	20BCA87	SANTHOSH D	Santhosh D
39	20BCA17	SARUVAHAN V	Saruvahan V
40	20BCA35	SEETHARAMAN R	R. Seetharaman
41	20BCA81	SRIDHAR R	Sridhar R
42	20BCA03	SURYA M	Surya M
43	20BCA61	VETRIJVEL T	Vetriavel T



44	20BCA29	YOKESH S	<i>Yokesh S</i>
45	20BCA65	KAVIYA V	<i>Kaviya</i>
46	20BCA98	MANJUPRIYA P	<i>P. Manjupriya</i>
47	20BCA46	NANDHINI K	<i>Nandhini K</i>
48	20BCA75	SWETHA S	<i>Swetha S</i>
49	20BCA66	UMA MAHESWARI P	<i>P. Uma Maheswari</i>
50	19BCA77	HARIHARA SUDAN S	
51	20BCAE04	ESAKE A	<i>A. Esake</i>
52	20BCAE01	KAPIL L	<i>Kapil L</i>
53	20BCAE02	MYLESHWAR S	<i>Myleshwar S</i>
54	20BCAE05	RAGHUL M	
55	20BCAE03	WILLIAMS A	<i>A. Williams</i>
Staff Signature			<i>G. Jeyapalan</i>



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SCHOOL OF COMPUTER SCIENCE

ADD- ON COURSE

COURSE TITLE: COMPUTER HARDWARE AND NETWORKING

CLASS : III BCA B

SUB CODE : ACSCS302

STAFF : Mr.G.JEYAKUMAR

S.NO	STUDENT ID NO	STUDENT NAME	SCORE
1	20BCA50	BOCHU BHANUCHANDU	A
2	20BCA59	RAJA KUMAR R	A
3	20BCA104	SOJA R	56
4	20BCA21	SANTHOSH E	56
5	20BCA28	PRAMESH P	66
6	20BCA57	SYED KHADIR AHMED R	68
7	20BCA42	AKASH S	58
8	20BCA33	AMALA ROBINSON K	52
9	20BCA101	ANAND V	62
10	20BCA74	BRIGHT SAMUEL A	58
11	20BCA96	DHAYALAN S	66
12	20BCA31	DURAI RAJ B	60
13	20BCA22	GNANA VEL N	74
14	20BCA16	GOKUL RAJ G	88
15	20BCA89	HARI KRISHNAN C M	66
16	20BCA40	HARISH A	66
17	20BCA27	HEMNATH S	70
18	20BCA91	JAGADESH T	66
19	20BCA79	JAIKUMAR L	64
20	20BCA18	JOTHI VELAN B	56
21	20BCA105	KARTHIKEYAN C	72
22	20BCA95	KISHORE L	60
23	20BCA86	KUMARESAN P	68
24	20BCA23	LOGESHWARAN B	74
25	20BCA68	MADESHWARAN S	56
26	20BCA71	MAGESH M	58



27	20BCA48	MANIKANDAN S	66
28	20BCA102	NATARAJ P	68
29	20BCA55	NITHISH KUMAR P	72
30	20BCA02	PRADEEP P	46
31	20BCA20	PRASANTH V B	60
32	20BCA36	PRAVEEN KUMAR M	A
33	20BCA44	RAGUL DAVID R	60
34	20BCA53	RAJ M	58
35	20BCA103	SABEER AHAMED A	64
36	20BCA32	SANJAY B	54
37	20BCA87	SANTHOSH D	A
38	20BCA17	SARUVAHAN V	60
39	20BCA35	SEETHARAMAN R	60
40	20BCA81	SRIDHAR R	60
41	20BCA03	SURYA M	66
42	20BCA61	VETRIVEL T	68
43	20BCA29	YOKESH S	54
44	20BCA65	KAVIYA V	66
45	20BCA98	MANJUPRIYA P	50
46	20BCA46	NANDHINI K	64
47	20BCA75	SWETHA S	62
48	20BCA66	UMA MAHESWARI P	68
49	19BCA77	HARIHARA SUDAN S	A
50	212002942	ESAKE	58
51	212002943	KAPIL	54
52	212002944	MYLESHWAR	A
53	212002945	RAGHUL M	A
54	212002946	WILLIAMS	74



Thiruthangal Nadar College
Knowledge is Power

NAAC CYCLE III - AQAR

1.2.2 & 1.2.3 Add-on / Certificates / MoU

1.2 Academic Flexibility

Year: 2022-2023



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CERTIFICATE OF COMPLETION

This Certificate is presented to

ANTONY M of III B.Sc (CS)

for the successful completion of 30 hours Add-On Course

on **"Computer Hardware & Networking"**

as a part of their curriculum for the year 2022 - 2023.

V. Devi

Dr.V.Devi
PRINCIPAL

A-N-M

Thiru.A. Narayana Murthy
SECRETARY & CORRESPONDENT



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CERTIFICATE OF COMPLETION

This Certificate is presented to

DEVARAJ D of III BCA

for the successful completion of 30 hours Add-On Course

on **"Computer Hardware & Networking"**

as a part of their curriculum for the year 2022 - 2023.

V. Devi

Dr.V.Devi
PRINCIPAL

A-N-M

Thiru.A. Narayana Murthy
SECRETARY & CORRESPONDENT



REPORT

The Add-on Course entitled “Computer Hardware and Computer Networking” were conducted during the academic year 2022-2023 for 30 hours for the III students of Commerce stream. Out of 172 students 161 students attended the course and benefited. Assignments were given, Practical and Theory examination were conducted for assessing the students’ knowledge over the course. After the assessment they were awarded with online certificates