To

The Principal,

Gopal Krishna Gokhale College,

Kolhapur.

Sub: - **Permission for "Certificate course in Business Communication" in our Department in the academic year 2021/2022**

Sir,

We are going to start one certificate course in our department to enhance practical knowledge of students regarding communication in business. The title of the course is "Certificate course in Business Communication"

Please permit us to start the course

Thanking you

Yours Faithfully

Dr A. A. Kulkarni

Head Department of Commerce

Copy to : - **NAAC Co-Ordinator**

Ref No.GKG/   /   Date:-

To

The Head,
Department of Commerce,
Gopal Krishna Gokhale College,
Kolhapur.

Ref: **Your letter regarding Certificate Course in Academic year
2021/2022**

Sir,

    With Reference to your letter mentioned above , I am permitting you to start the certificate course titled "Certificate course in Business Communication" in the Academic year 2021- 2022

Principal,
Gopal Krishna Gokhale College
Kolhapur.

Shikshan Prasarak Mandal's
GOPAL KRISHNA GOKHALE COLLEGE, KOLHAPUR.
Department of Electronics

Activity Report 2021-22
PCB DESIGN COURCE

Head
Dept Of Electronics
G.K.G. College, Kolhapur

Principal,
Gopal Krishna Gokhale College,
Kolhapur.

Shikshan Prasarak Mandal's
GOPAL KRISHNA GOKHALE COLLEGE, KOLHAPUR.
Department of Electronics

Activity Report 2021-22
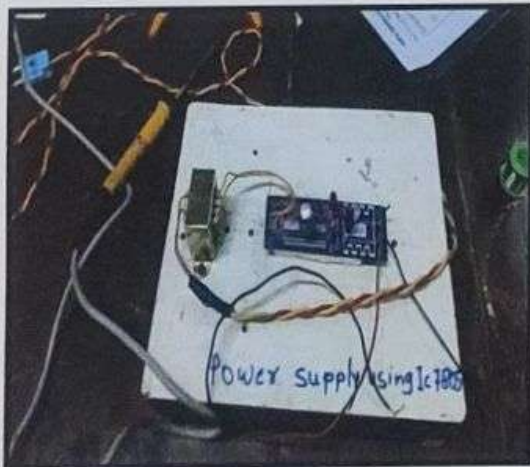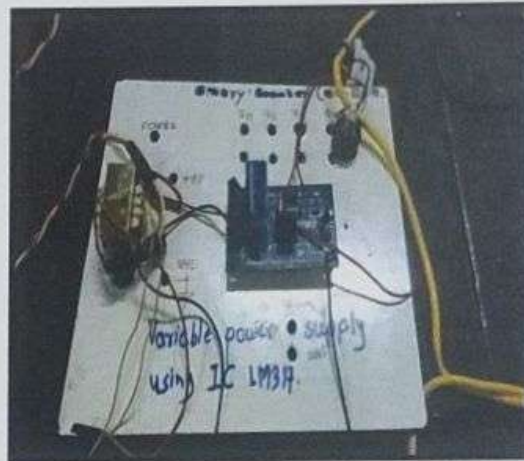# PCB DESIGN COURCE

Head
Dept Of Electronics
G.K.G. College, Kolhapur

Principal,
Gopal Krishna Gokhale College,
Kolhapur.

Shikshan Prasarak Mandal's
GOPAL KRISHNA GOKHALE COLLEGE, KOLHAPUR.
Department of Electronics

Activity Report 2021-22
PCB DESIGN COURCE

Total No. of Participants: 35
Duration: 30Hours
Syllabus:

1-Defining the main stages of PCB design from a simple idea to physical reality by having a PCB board ready for production

2-Familiarize the students with EDA user interface and design environment Defining the types of libraries and the function of each one Getting started with a new project .
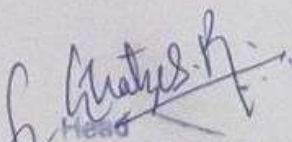
3-Understanding different patterns of differed components and their corresponding package styles and footprints.

4-Description of IPC (industry standards) of every aspect of PCB design.

5- Developing a comprehensive design strategy to produce a state of the art schematics and PCB layouts
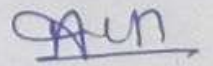
Outcome: Upon completion of the PCB design course, the students should be able to carry out any PCB design necessary for their graduation projects. Students will also be able to create schematics from blue-prints, they will also be able to perform simple simulations The course is intended to give the students the necessary knowledge and of PCB design steps, starting from a simple schematics, through creating new components, and all the way to down a final PCB layout ready for population The course includes single-sided printed circuit board design, emphasizing the drawings, standards, and the processes required to layout printed circuit board and manufacturing documentation Recognize the technologies used in electronic industry through the practical experience gained in the course .

Head
Dept Of Flectronics
G.K.G. College, Kolhapur

Principal,
Gopal Krishna Gokhale College
Kolhapur.

To, Principal

G.K.G. College, Kolhapur.

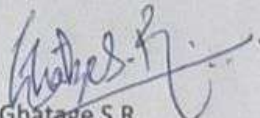Subject: Permission for "Certificate Course in PCB Design"

Respected Sir,

We are interested to start one "Certificate Course in PCB Design" for students as extra skill in our department from academic year 2021-22 to enhance practical knowledge of Electronic Circuit Design.

Please permit us to start the course

Thanking You

Date: 25-12-2021

Ghatage S R

Department of Electronics

3-1-2022

To, The Head

Department of Electronics

G.K.G. College, Kolhapur

Subject: Permission for "Certificate Course in PCB Design"

Respected Sir,

       With reference to your letter for above subject, I am permitting to start "Certificate Course in PCB Design" for academic year 2021-22

Principal

G.K.G. College, Kolhapur

Shikshan Prasarak Mandal's
Gopal Krishna Gokhale College, Kolhapur.
ATTENDANCE

Department of Electronics:

Program Name: Power Supply Design &Circuit Making

Class	R.N.	Date									
		Time									
BSC-I	68										
B.Sc-I	21										
B-SC-I	22										
B.SC-I	23										
BSC-I	25										
B.Sc-I	27										
B.SC-I	26										
BSC-I	28										
BSC-I	29										
B.SC-I	30										
BSC-I	61										
BSC-I	32										
B.SC-I	34										
B.SC-I	146										
BSC-I	147										

Teachers Signature:

Teachers Remark:

Dept. Of Electronics
G.K.G. College, Kolhapur

Shikshan Prasarak Mandal's
Gopal Krishna Gokhale College, Kolhapur.
ATTENDANCE

Department of Electronics:
Program Name: Power Supply Design &Circuit Making

Class	R.N.	Date									
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B.SC-I	28										
B.SC-I	29										
B.S.C-I	30										
BSC-I	61										
BSC-I	32										
B.Sc-I	34										
BSC-I	146										
BSC-I	147										
Bsc-I	148										
B.SC-I	149										
BSC-I	150										

Head
Dept Of Electronics
G.K.G. College, Kolhapur

Shikshan Prasarak Mandal's
Gopal Krishna Gokhale College, Kolhapur.
ATTENDANCE

Department of Electronics:

Program Name: Power Supply Design &Circuit Making

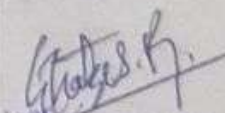| Class	Date / Time / R.N.									
B.Sc.I	21	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun	Sun
B.SC.I	22	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
B.SC-I	23	Ase	Ase	Ase	Ase	Ase	Ase	Ase	Ase	Ase	Ase
BSC-I	23	Oksna	Oksna	Oksna	Oksna	Oksna	Oksna	Oksna	Oksna	Oksna	Oksna
BSc-I	27	R	R	R	R	R	R	R	R	R	R
BSc-I	26	Atkal	Atkal	Atkal	Atkal	Atkan	Atkall	Atkase	Akan	Atkm	Atkan
BSc-I	28	skomb	skomb	skomb	skomb	skomb	skomb	skomb	skomb	skomb	skomb
B.SC-I	29	Rapase	Rapase	Rapase	Rapase	Rapase	Rapase	Rapase	Rapase	Rapase	Rapase
B.S.C-I	30	Rt	Rt	Rt	Rt	Rt	Rt	Rt	Rt	Rt	Rt
BSC-I	61	Satil	Patil	Satil	Sotil	Satil	Botil	Patil	Patil	Satil	Satil
BSC I	32	mped	mped	mped	mped	mped	mped	mped	mped	mped	mped
BSc I	34	YE	YE	YE	YE	YE	YE	YE	YE	YE	YE
BSCI	146	Abrange	Abrange	Abrange	Abrange	Abrange	Abrange	Abrange	Abrange	Abrange	Abrange
BSc I	147	RM	RM	RM	RM	RM	RM	RM	RM	RM	RM
BSCI	148	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
BSCI	149	gade	gade	gade	gade	gade	gade	gade	gade	gade	gade
BSc I	150	Radd	Radd	Radd	Radd	Radd	Radd	Radd	Radd	Radd	Radd

Head
Dept of Electronics
G.K.G. College, Kolhapur

Shikshan Prasarak Mandal's
Gopal Krishna Gokhale College, Kolhapur.
ATTENDANCE

Department of Electronics:

Program Name: Power Supply Design &Circuit Making

Class	R.N.	Date									
		Time									
BSC-I	35										
BSC-I	140	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
BSC-I	53	SHalkar	SHalkar	SHalkar	SHalkar	SHalkar	SHalkar	SHalkar	SHalkar	SHalkar	SHalkar
BSC-I	54	B.	B.	B	B	B	B	B	B	B	B
BSC-I	55	Anchibble	Anchibble	Anchibble	Anchibble	Anchibble	Anchibble	Anchibble	Anchibble	Anchibble	Anchibble
BSC-I	56	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.	A.P.
BSC-I	57	Bagale	Bagale	Bagale	Bagale	Bagale	Bagale	Bagale	Bagale	Bagale	Bagale
BSC-I	58	J.G.mulla	J.G.mulla	J.G.Mulla	J.G.mulla	J.G.mulla	J.G.mulla	J.G.mulla	J.G.mulla	J.G.mulla	J.G.mulla
BSC-I	59	Bpatil	Bpatil	Bpatil	Bpatil	Bpatil	Bpatil	Bpatil	Bpatil	Bpatil	Bpatil
BSc-I	60	Alcar	Alcar	Alcar	Alcar	Alcar	Alcar	Alcar	Alcar	Alcar	Alcar
BSC-I	62	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
BSC-I	64	Ps	Ps	Ps	Ps	Ps	Ps	Ps	Ps	Ps	Ps
BSC-I	65	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
BSC-I	67	Rusutar	Rusutar	Rusutar	Rusutar	Rusutar	Rusutar	Rusutar	Rusutar	Rusutar	Rusutar
BSC-I	68	Ash	Ash	Ash	Ash	Ash	Ash	Ash	Ash	Ash	Ash

Teachers Signature:

Teachers Remark: