

Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

# Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled "**Network Circuit Analysis**" in which 25 lectures have been conducted as theory and practical and 05 lectures as interaction/tutorial during the session of 2021-22.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग शुद्ध एव अनुभुवृत्य भावका विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

S	ECTION. B. Sc. Ist year	N	etu	JOY	k	Cir	ren	+	AT	aly	sis			_
S.No. क्र. संख्या	Name नाम	Rank श्रेणी	142 J	ssi ssi	2 5m2/02	tio 23 02	16	6	7	8	9	10	11	12
1.	Nilesh ku Dewangan		P	P	A	P.	P	19	9	9		1		
2,	Abhisherk B tadar		A	P	P	P	Ρ	LA		19	9			
3,	Ishar Der Netam		A	P	ρ	P	P	Pi	9	19				
4,	md. Subail		P	P	P	P	A	121	1	A	2			
5,	sahil		P	P	A	P	P	6	19	9	9		2	
6.	Sasmal Sacher	19	P	A	P	P	P	P			P	6		
Fi	Yogendra		P	P	P	P	P	1	10	9	9	1		
8.	Aashirved singh		A	P	P	P	P	9	1.55					-
9.	Aran singh		A	P	P	P	P		18	1			13	3
10	1.1		P	P	P	A	P	1 E	1	9		1	13	
11	Panlan Raj		A	P	P	P	P	9					19	
12	prashent Kughatp	0	P	A	P	P	P	19	1	19			1	1
12.	Righabh mighner		P	A	P	P	P	13	9				1	2
ių.	Robit Kumar		P	ρ	P	P	P		19	E				
15	Shopit chalotra		P	P	P	P	A				13	1	1	
16.	Sudbhi Kaiment	1	P	P	P	P	A		1.9	19				1
17.	Dilip Kumar		P	P	A	P	P			9				
18.			P	P	A	P	P		100					
	vivek Grore		P	A	P	P	P		19	1	1			
20	Diksher Beck	9	P	P	P	P	A		19			1		3
21	Jyoti chemdsevenshi		A	P	P	P	P	19	1	1			1	
22	- Jyoti chemdrevenshi Pankar Sidar Subham Kathyap		A	P	P	P	P	1	15					
23	Subham Kathyap		P	P	P	A	P	1-9		1				
									-			-		
								-		-	-		110	ibipar
													विभा	गाध्यक्ष/H.C
				-	-		-	-	-	-		De	ot of P	मनुप्रयुक्त भौति <del>ure &amp; App</del> lie
			1		-		-	_	-	-	-		Iru Ghas	गसीदास विश्ववि sidas Vishw छ.ग.)/Bilasp



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

# Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled **"Electronics in Daily Life"** in which 26 lectures have been conducted as theory and practical and 05 lectures as interaction/tutorial during the session of 2021-22.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग शुद्ध एव अनुभुवृत्य भावका विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

Name       Rank       The decidence       The decidence       The decidence         1       Abhishek B. Yadau       P       P       A       P       P         2       Anurag Kaushik       P       P       A       P       P         3       Anurag Kaushik       P       P       P       P       P       P         3       Anurag Kaushik       P       P       P       P       P       P         4       Ishear Okev       P       P       P       P       P       P         5       Prayaush       P       P       P       P       P       P         6       shri Kinshra Sharma       P       P       P       P       P       P         7       Shubham Trivedi       P       P       P       P       P       P         9       Sagar Leuman       P       P       P       P       P       P       P         10       Yash Sharma       A       P       P       P       P       P       P         12       Akauleah Sahu       P       A       P       P       P       P       P         13	SI	ECTION B. Se. 154	B	sci	I	se on	m: :	を調	Do	3	24		1212	-		_
1. Abhishek B. Yadaw.       P       P       A       P		Name नाम	Rank श्रेणी	Hall20	200	1 1 3 2 2	ct 23/2	5 16/3	16	7 610	8		-		11	
2'       Anwrag Kauslik.       PAPPPP         3'       Shananyay Sahu.       PPPPPPPP         3'       Shananyay Sahu.       PPPPPPPP         4'       Ishar Dev       PAPPPPPA         5.       Prayansh.       PPPPPA         6'       shrilbrishna Sharad       PPPPPPA         7.       Shubham Trivedi       PPPPPPPPP         8.       Sagar Kamar.       PPPPPPPPPP         9.       Sagar Kamar.       PPPPPPPPP         10.       Yash Sharma -       APPPPPPP         11.       Aashirvad Singh       PPPPPPPP         12.       Akash Bhagal       PPPPPPP         13.       Aktulesh Sahu.       PAPPPP         14.       Anun Singh.       PPPPPPP         15.       Chandrabhan -       APPPPPP         16.       Shanu Palel       PPPPPPP         17.       Haripriya       PPPPPPPPP         18.       Jusala Patre.       PPPPPPPPPP         19.       Mayank.       PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP		Abhishek B. Vadau.	12 9	P	P	A	P	P	9	9	9	9		-		
3. Ohananyay Sahu.       P       P       P       P       P       P       P       P         4. Ishar Dev.       P       A       P       P       P       P       P         5. Prayansh.       P       P       P       P       P       P       P         6. shrillorishna Sharad       P       P       A       P       P       P         7. Shubham Trivedi       P       P       P       P       P       P         8. Tushar Singli.       P       P       P       P       P       P         9. Sagan kumai.       P       P       P       P       P       P         9. Sagan kumai.       P       P       P       P       P       P         9. Sagan kumai.       P       P       P       P       P       P         9. Sagan kumai.       P       P       P       P       P       P       P         10. Yash sharma .       P       P       P       P       P       P       P       P         11. Aashirvad singli.       P       P       P       P       P       P       P       P         12. Akabi Bhogal <td></td> <td></td> <td>19</td> <td>P</td> <td>A</td> <td>P</td> <td>P</td> <td>P</td> <td>9</td> <td>9</td> <td>9</td> <td></td> <td></td> <td>1</td> <td>-</td> <td>194</td>			19	P	A	P	P	P	9	9	9			1	-	194
41       Ishar Sev.       PAPPPPA         5.       Prayaush.       PPPPPA         6.       shrillorishna Sharad       PPPPPPA         7.       Shubham Trivedi       PPPPPPPP         8.       Tushar Single.       PPPPPPPPP         9.       Sagar Kumal.       PPPPPPPP         9.       Sagar Kumal.       PPPPPPPP         10.       Yash Sharma -       APPPPPPPP         11.       Aashirvad Single       PPPPPPP         12.       Akash Bhogal       PPPPPPP         13.       Aktuleah Sahu.       PAPPPPP         14.       Anun Single.       PPPPPPPP         15.       Chandrabhan -       APPPPPPPP         16.       Shanu Palel       PPPPPPPPPP         17.       Haripriya       PPPPPPPPPPPPP         18.       Jusala Patre.       PPPPPPPPPP         19.       Mayank.       PPPPPPPPPP         20.       Prashart Kumal       PPPPPPPPPPP         21.       Prashart Kumal       PPPPPPPP         22.       Rangena.       PPPPPPPPPPP         23.       Rolit kumal       PPPPPPPPPPP         24.       Shobit chalo hra       PPPPPPPPPPP         25.	3.	Shananyay saher.	1	P	P	P	P	P	9	A	9					
5.       Prayansh.       P       P       P       A         6.       shrillinishna shand       P       P       A       P       P         7.       Shubham Thivedi       P       P       P       P       P       P         8.       Tushar Singh.       P       P       P       P       P       P         9.       Sagan Kuman.       P       P       P       P       P       P         10.       Yash sharma.       A       P       P       P       P       P         11.       Aashirvad singh.       P       P       P       P       P       P         12.       Akash Bhagat.       P       P       P       P       P       P         13.       Aktuiledh Sahu.       P       A       P       P       P       P         14.       Anun Singh.       P       P       P       P       P       P       P         15.       Chandrabhan.       A       P       P       P       P       P       P         16.       Ohanu Patel       P       P       P       P       P       P       P	4,	Ishar Dev.	1 9	P	A	P	P	P	9	9	9			-	-	_
<ul> <li>b. shrilling hing shand</li> <li>P. P. A. P. P.</li> <li>J. Shubham Trivedi</li> <li>P. P. A. P. P.</li> <li>Tushar Singh.</li> <li>P. P. P. P. P. P.</li> <li>J. Sagan Kaman.</li> <li>P. P. P. P. P. P.</li> <li>J. Aash invad singh</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>A. Khuilesh Sahu.</li> <li>P. P. P. P. P. P.</li> <li>S. Chandrabhan.</li> <li>A. P. P. P. P. P. P.</li> <li>S. Chandrabhan.</li> <li>A. P. P. P. P. P. P.</li> <li>S. Chandrabhan.</li> <li>A. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>P. A. P. P. P.</li> <li>S. Mayank.</li> <li>P. A. P. P. P.</li> <li>S. Sagan K.</li> <li>P. A. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. A. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. Sagan K.</li> <li>S. P. P. P. P. P.</li> <li>S. Sagan K.</li> <li>S. Sagan K.<td></td><td></td><td>1</td><td>P</td><td>P</td><td>P</td><td>P</td><td>A</td><td>9</td><td>9</td><td>9</td><td></td><td></td><td>-</td><td>-</td><td></td></li></ul>			1	P	P	P	P	A	9	9	9			-	-	
7       Shubham Trivedi       P       P       A       P       P         8.       Tushar Singh       P       P       P       P       P       P         9.       Sagar Kumar       P       P       P       P       P       P         10.       Yash sharma       A       P       P       P       P       P         11.       Aashirvad singh       P       P       P       P       P       P         12.       Akash Bhogal       P       P       P       P       P       P         13.       Aktuilesh Sahu       P       A       P       P       P       P         13.       Aktuilesh Sahu       P       A       P       P       P       P         14.       Anun Singh       P       P       P       P       P       P         15.       Chandrabhan       A       P       P       P       P       P         15.       Chandrabhan       P       P       P       P       P       P         16.       Ohanu Patel       P       P       P       P       P       P         17. <t< td=""><td>6.</td><td>shrillnishna sharad</td><td>17</td><td>P</td><td>P</td><td>A</td><td>P</td><td>P</td><td>A</td><td>9</td><td>9</td><td>9</td><td>-</td><td>-</td><td>1</td><td>-</td></t<>	6.	shrillnishna sharad	17	P	P	A	P	P	A	9	9	9	-	-	1	-
<ul> <li>Tushar Singh.</li> <li>P P P P P P</li> <li>Sagar Kumar.</li> <li>P P P P P P</li> <li>Yash sharma.</li> <li>A P P P P P</li> <li>P P P P P</li> <li>Ashirved singh</li> <li>P P P P P P</li> <li>Akuilesh singh.</li> <li>P P P P P P</li> <li>Akuilesh sahu.</li> <li>P A P P P</li> <li>Akuilesh sahu.</li> <li>P A P P P</li> <li>Akuilesh sahu.</li> <li>P P A P P</li> <li>Chandrabhan.</li> <li>A P P P P P P</li> <li>Suala patre.</li> <li>P A P P P P</li> <li>Suala patre.</li> <li>P P A P P P</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>P P P P P P</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>Suala patre.</li> <li>Suala</li></ul>			9	P	P	A	P		9	9	9	9	-	2	-	-
<ul> <li>3. Sagar Kumar.</li> <li>P. P. P. P. P. P.</li> <li>10. Yash Sharma.</li> <li>A. P. P. P. P. P.</li> <li>11. Aashirvad singh P. P. P. P. P.</li> <li>12. Akash Bhagol P. P. P. P. P.</li> <li>13. Akhiledh Sahu.</li> <li>P. A. P. P. P. P.</li> <li>14. Anin Singh.</li> <li>P. P. P. P. P. P.</li> <li>15. Chandrabhan.</li> <li>A. P. P. P. P. P. P.</li> <li>15. Chandrabhan.</li> <li>A. P. P. P. P. P. P.</li> <li>16. Ohanu Patel P. P. P. P. P.</li> <li>17. Haripriya P. P. P. P. P. P.</li> <li>18. Jwala Patre.</li> <li>P. A. P. P. A. P. P.</li> <li>19. Mayank.</li> <li>20. Prashant Kumar.</li> <li>21. Prateek netam A. P. P. P. P. P.</li> <li>22. Roingana.</li> <li>23. Robit Chalotre.</li> <li>24. Shobit Chalotre.</li> <li>25. Vaibhav Tripeth' P. P. P. P. P.</li> <li>26. Madhu Kiran Kur A. P. P. P. P. P.</li> <li>27. Abay Ingley P. P. P. P. P.</li> <li>28. Aakash Varma.</li> <li>29. P. P. P. P. P. P. P. P.</li> <li>20. Madhu Kiran Kur A. P. P. P. P. P.</li> <li>24. Bhisma Patel P. P. P. P. P. P. P.</li> <li>25. Vaibhav Tripeth' P. P. P. P. P. P. P.</li> <li>26. Madhu Kiran Kur A. P. P. P. P. P. P.</li> <li>27. Abay Ingley P. P. P. P. P. P. P. P. P.</li> <li>28. Aakash Varma.</li> <li>29. Bhisma Patel A. P. P. P. P. P. P. P. P. P.</li> <li>20. Bhisma Patel A. P. P.</li></ul>	8.	Tushar Single.		P	-				9	A	9	0	-	1	-	
10. Yash sharma       A       P	9.	Sagar leamar.	A	P	-				A	9	9	-		-	-	-
11.       Aashirvad singh       P	10,	Yash sharma.	1	A	P	P	P		4	9	9	-	1	-	-	-
12. Akash Bhagal       P	11.		19	P	P		-		9	9	9	-			-	-
13. Aktuilesh sahu       PAPAPPP         14. Anun Singh       PPAPPP         15. Chandrabhan       APPPPP         15. Chandrabhan       APPPPPP         16. Ohanu Palel       PPPPPPP         17. Harripriya       PPPPPPPP         18. Juala Patre       PPPPPPP         19. Mayank       PPAPPPPP         20. Prashant Kumal       PPPPPPP         21. Prateek netam       APPPPPPP         22. Rangana       PPPPPPPP         23. Rohit Kumal       PPPPPPP         24. Shobit Chalotha       PPPPPP         25. Vaibhav Tripethi       PPPPPPP         26. Madhu Kiran Kur       APPPPP         26. Madhu Kiran Kur       PPPPPP         27. Abay Ingley       PPPPPP         28. Aakash Varma       PPPPPP         29. Bhisme Palel       A PPPPP         29. Bhisme Palel       A PPPPP	12.	Akersh Bhagal	1 9	-	-				9	9	9		-	-		
14.       Arun Singh.       P       P       A       P       <	13.	Akhilesh sahu.	1 9	-	-		-	-	9	-	0	-	+	1	-	7.
15. Chandrabhan. 16. Ohanu Patel PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	14.	Arun Singh.	9	-	-	-			9		9	+	-	-		
16. Undifference       P	15.	chandrabhan.		-	-				9	-		-	-			0
14       radniphing       P <td< td=""><td>16-</td><td>Shanu Partel</td><td>10</td><td>-</td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td></td><td>0</td><td></td><td>0</td><td>0</td></td<>	16-	Shanu Partel	10	-		-	-	-	-	-	-		0		0	0
18 Juada Parter P P P P P 13. Mayank. P P A P P A 20 Prashant Kumar P P A P P 21. Prateek netam A P P P P P 22. Rangana. P P P A P 23. Rohit kimar P P P P P 23. Rohit kimar P P P P P 24. shobit chalotra P P P P P 25. Vaibhav Tripathi P P P P P 25. Vaibhav Tripathi P P P P P 26. Medhy Kiran Kur A P P P P 27. Abay Ingley P P P P P 28. Aakash Varma. P P P P P 29. Aakash Varma. P P P P P 29. Bhisma Palu A P P P P 29. Bhisma Palu A P P P P 20. Sumary Ingley P P P P P 29. Bhisma Palu A P P P P 20. Sumary Ingley P P P P P 20. Sumary Ingley P P P P P 21. Sumary Ingley P P P P P 22. Sumary Ingley P P P P P 23. Sumary Ingley P P P P P 24. Sumary Ingley P P P P P 25. Sumary Ingley P P P P P 26. Sumary Ingley P P P P P 27. Abay Ingley P P P P P 28. Aakash Varma. P P P P P P 29. Bhisma Palu A P P P P 29. Bhisma Palu A P P P P 20. Sumary Ingley P P P P P 20. Sumary Ingley P P P P P 20. Sumary Ingley P P P P P P 23. Sumary Ingley P P P P P P 24. Sumary Ingley P P P P P P P 25. Sumary Ingley P P P P P P P P 26. Sumary Ingley P P P P P P P P P 27. Abay Ingley P P P P P P P P P P P P P P P P P P P	17.		-		-	-	-	-		+	+	+	+	0	in a	
20       Prashant Kumar       P       P       A       P       P         21       Prateek netam       A       P       P       P       P         21       Prateek netam       A       P       P       P       P         22       Rangana.       P       P       P       P       P         23       Rohit kumar       P       P       P       P       P         24       Shobit chalotre       P       P       P       P       P         24       Shobit chalotre       P       P       P       P       P         25       Vaibhav Tripathi       P       P       P       P       P         26       Madhu Kirau Kur       A       P       P       P       P         27       Abay Ingley       P       P       P       P       P         28       Aakash Varma       P       P       P       P       P       P         29       Bhisme Patel       A       P       P       P       P       P       P         29       Bhisme Patel       A       P       P       P       P       P       P <td>195</td> <td>Jwala Patre.</td> <td>10</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td>+</td> <td>-</td> <td>-</td> <td></td> <td></td>	195	Jwala Patre.	10		-		-			-		+	-	-		
21. Prateek netam       A       P       P       P       P         22. Roingana.       P       P       P       A       P         23. Rohit kimar       P       P       P       P       P         23. Rohit kimar       P       P       P       P       P         24. shobit chalotra       P       P       P       P       P         24. shobit chalotra       P       P       P       P       P         25. Vaibhav Tripathi       P       P       P       P       P         26. Madhu Kiran Kur       A       P       P       P       P         27. Abay Ingley       P       P       P       P       P         28. Aakash Varma       P       P       P       P       P         29. Bhisme Patu       A       P       P       P       P       P         29. Bhisme Patu       A       P       P       P       P       P       P       P         29. Bhisme Patu       A       P       P       P       P       P       P       P         29. Bhisme Patu       A       P       P       P       P       P	19.	Mayank.	-		-		P	P		-	-	-	-	101		9
22 Roingana. 22 Roingana. 23 Rohit Kimal P P P P P P 24 Shobit chalothe P P P P P 25 Naibhav Tripathi P P P P P 26 Madhu Kiran Kur A P P P P 27 Abay Ingley P P P P P 28 Aakash Varma. 29 Bhisme Poll A P P P P 29 Bhisme Poll A P P P P 20 Guru Gholidas V Shwav Cyslayd	-		-		+	-			+	+		-		9	0	6
122     Raingardt.     P     P     P     P     P       23     Rohit kumar     P     P     P     P     P       24     Shobit chalotha     P     P     P     P     P       25     Vaibhav Tripethi     P     P     P     P       26     Medhu Kiran Kur     A     P     P     P       27     Abay Ingley     P     P     P     P       28     Aakash Varma     P     P     P     P       29     Bhisme Patul     A     P     P     P	-		-		-	-	-	-	+	1	-		1	0	i q	
24 Shobit chalotra PPPPP 25 Vaibhav Tripathi PPPPP 26 Madhu Kiran Kur APPPP 27 Abay Ingles PPPP 28 Aakash Varna PPPPP 29 Bhisme Potel APPPP 29 Bhisme Potel APPPP 20 Control Co	22	Rangana.	-		-	-	-	-	-	-	1	-	-	-		0
24 Shubhav Tripethi PPPPP 25 Vaibhav Tripethi PPPP 26 Medhu Kiran Kur APPPP 27 Abay Ingley PPPP A umbipathi 28 Aakash Varma PPPPPP 29 Bhisme Patu APPPPP 29 Bhisme Patu APPPP	23	Robit Kimar	-	-	+	-	-	-	-	-	10	-	9	à	1	9
26 Madhu Kiran Kur A P P P P 26 Madhu Kiran Kur A P P P P 27 Abay Ingley P P P P P M 28 Aakash Varma. P P P P P P 29 Bhisme Palu A P P P P B 29 Bhisme Palu A P P P P B 20 Gur Ghazdas Verwardyalaya	24				-	-	-	-	-	-	1	1	9	9		
27 Abay Ingles PPPPPP and in participation 27 Abay Ingles PPPPPPPPPPPPPPP 28 Aakash Varma PPPPPPPPPPPP 29 Bhisme Poter APPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	-				-		-		-	1	1	1	9	9	9	10
28 Aakash Varma. PPPPPP 28 Aakash Varma. PPPPP 29 Bhisme Potlet APPPPP 29 Bhisme Potlet APPPP 29 Bhisme Potlet APPPP 29 Bhisme Potlet APPPPP 29 Bhisme Potlet APPPPP 20 Bhisme Potlet APPPPPP 20 Bhisme Potlet APPPPPPP 20 Bhisme Potlet APPPPPP 20 Bhisme Potlet APP	-		2				-			+	1		hit	batt	hi	0
29 Raicash Varnagi A P P P P Det of Jugger Undergrad 29 Rhisme Partur A P P P P Guru Ghazidas Vishwav dyalaya	-		-	-						-		<b>D</b>	Terrer	VHO	4	1
29 IS histing Fault	-		-				-		+	0	मुद्ध Dept	एवं अन् of Bu	प्रमुख्य १९ ८ /	भौतिर्व	ने विभाग d Physi	CS
30 Pankay Sidar Print	-	1 1 1 1	-						-	+	Guru बिलार	Ghasi अपुर (छ.	das V .ग.)/Е	lishwa Bilaspu	vidyala ir (C.G.	ya )



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

## Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled "**Analytical Techniques In Physics"** in which 26 lectures have been conducted as theory and practical and 05 lectures/tutorial as interaction during the session of 2021-22.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग शुद्ध एव अनुभुवृत्त भातका विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

	GURU (		1.51	0.0	LS	U	-	AT		151		¥.,
S	ECTION B Sc 75	Ar	alyt	ices	+	cha				-		
S.No. क्र. संख्या	Name नाम	R <sup>२</sup> ank ३ंश्रेणी					6	7	8	9	10	2
1.	Abhishek B. Yadau.			P P		P		-				1
2.	Anurag Kaushik.		Pf		A	0					-	
	Shananyay saher.		1 11	D P	P	A	-				-	-
4,	Ishar Dev.		PF		P	P					-	-
5.	Prayansh.		AI		P	P		-		-	-	
6-	shrillishng shared		A P	P	P	ρ				-	-	-
7	Shubham Trivedi		A		P	P	-			-	-	
					ρ	P	-			-	-	-
9.	Sagar leamar.		pp	P	ρ	P		1		-+	-	2
10,	Yash sharma.		A P	P	ρ	P		+	-	-	+	-
11.	Aashirvad singh	1	P	P	P	A		-	+	-	-	-
12.	Akash Rhagel	1	P	P		P			1		-	
13,	Akhilesh Sahu.	P	P	A	P	P					-	1
14.	Arun Singh.	F	P	ρ	A	P		1	-	-		11
1.5.	chandrabhan.	P	P	P	P	P			1		-	
16	Ohanu Patel	P	P	P	PI	p						1
17.	Haripriya	P	P	P	PF	F						
18: 3	Iwala patre.	P	A	P	Pf	C						-
	Nayank.	P	P	P	PI	P						T
	Prashant Kumar	P	P	P	Pf	2						T
	Prateek netam	P	A	P	PF						-	
	Rangana.	P	P		PF							
23	Robit Kimar shobit chalotry	A	P	Pf				-				
25 1	laibhan Eili	P	P	1	AF			1	-			1
26 1	Laibhav Tripathi Ledhu Kiran Kum	A	P		PF		1	n	ND	par	thi	
	Wally Liran Kum	P			PF		-	fax	गगध्यक्ष	H.C	).D. की विभा	
28 F	takash varma.	- P P	P	AF			Dep	t of F	अनुप्रयुप Pure & पासीदास	Applie	d Phys	SICS
29 R	shisma Partu		1	PF				u Gha	sidas	Vishw	avidyal ur (C.C	
	ankaj sidar	P	A	PP		-			-	-		
	aline gland le	P	P	PP	P							



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

# Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled "**Electronics in Daily Life**" in which 26 lectures have been conducted as theory and practical and 05 lectures as interaction/tutorial during the session of 2022-23.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग शुद्ध एव अनुभुवृत्य भावका विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

	". Faeroque										0	st	U. P	
	GURU G	H/	15	ID	A	S	UN	11	VE	R	SI	T	٢,	
	Acc 2022 - 23	EL	ect	ron	iø	in	0	uly	AT	TEI	ND	ANC	CE	
S	ECTION 2022 - 23	. P	s.Sc	. 7			n , r							
S.No. क्र. संख्या	Name नाम	Rank श्रेणी	18 101	10/02/2	-	tim	5 -6 03					10	11	12
1.	Jiya Khandey	1 4	P	P	P	P	P	9	9	9	9	2	9	A
2.	Himash Painkra		P	P	P	P	P	9	9	9	A	9	9	
3.	Riya Cupta	1	P	P	P	P	P	9	9	9	1	9	9	A
	Khushi Yadau	9	A	P	P	P	P	9	9	A	9	4	9	
5.	Abhilasha Gupta	2	A	P	P	P	P	9	9	9	9	1	1	9
6.	Manjula	4	P	P	P	P	A	9	9	9	9	9	A	
7.	Prakash Pal	9	P	P	A	P	P	9	A	9	9	9	9	A 4
8.	Anurag sharma	-	P	P	P	P	P	9	9	9	A	9	9	9
9,	Ritika Tanti	19	P	P	P	A	P	A	9	9	9	9	9	9
lo.	Neha Barman	1	P	P	P	P	P	4	9	9	9	9	9	2
и.	Sahil Koshley	1	P	A	P	P	P	7	9	A	9	9	9	4
12,	Biswayit lenka	1	P	P	P	P	P	9	9	9	9	9	9	9
13,	Deepesh Pradhan		P	P	A	P	P	9	9	9	A	9	۹.	2
14.	Bhusatya Sahy	1 9	P	P	P	P	P	9	A	9	9	0	-14	9
ls	Jagriti Sahy	FY	P	P	P	A	P	9	9	9		11		
16,	Arya Pandey	- 4	P	P	P	P	P	9	-F#	9	9	4		-4
17.	S. Supriya charturn	e 9	A	P	P	P	P	9	9	9	9	9	9.	
18.		J	P	P	P	P	P	9	9	9	A	9	9	
19,	Ashish	1	P	A	P	P	P	9		4			1	
20.	hanga Sagar	A	P	P	A	P	P	9	14	4	9	19	9	
21,	Tusar Pandey	1	P	A	P	P	P	9	A		1	pas	tui	1
22.	Arshlam	.9	P	P	P	A	P	4	1				1	
23.	Hemant Partel		P	A	P	P	P	A	शुद्ध	एवं उ	न्प्रयुक	त भौति Applie	की विभ	ाग vsics
24.	shiv. Prakash Sahy		P	P	P	P	P	2	Gur	गुरु घ	ासीदास	विश्ववि Vishw	द्यालय avidua	alava
25.	Anurag Ku. Mohite		P	P	P	P	P	9	बिला	रापुर (ध	छ.ग.)/	Bilasp	ur (C.	G.)
26.	Sanket Prakash	. 9	A	P	P	P	P	A	1	9	1	A	1	
27.	Rudra chandra	1 9	A	P	P	P	P	1	-	4	13	1		
28-	- marcel -	1	P	P	P	P	P	1.1	14	1	1	10	1	
2.3.	Vikash State Vader	19	P	P	P	P	P		12		1	1	1	12



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

## Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled **"Indian Contribution to Physics"** in which 26 lectures has been conducted as theory and practical and 05 lectures/tutorial as interaction during the session of 2021-22.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग शुद्ध एव अनुभुवृत्त भातका विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

#### GURU GI HASIDAS UNIVERSITY,

ATTENDANCE

S.No. क. संख्या	ECTION <u>२.९.२</u> २.२ Name नाम							- C - 1	58 16 03	1 3				9			
1.	Virendra Kumar.			A	P			P	ρ		T	1			1	1	
2.	Aastha Sahu.			P	A	P		P	ρ								T
3.	Abhay Sukla.			A	P	P		P	P						1	1	T
ч.	Asma. Sao			P	P	A		ρ	P								T
S.	Chanchal Ratre.			P	P	A		P	P								T
6.	chhayank sahu.			P	P	P	1	P	A	-							$\uparrow$
	Fizer Banoo			P	P	P		P	ρ			T					
8.	Gayendra Singh. Side			P	P	P	F	F	ρ								2
	Culeshwar Banjala			P	P	P	1		A								
10.	karronveer hayendra.	_		A	P	P		ρ	P								T
11.	Khyati Dewangen.	_		P	P	P	1		P	-						-	T
	Kumkum Rathor.			P	P	P	f		P								
13.	Rishabh Gole.	_		P	P	P	F		P								
14.	Ruchi Soni			P	P	P	P		P								
	Samriddhi Mishra.			P	P	P	F		A								
16	Shareya Halwai Shrutli Dubey.	_		P	P	P	1		ρ								
17.	Shrutli Dubey.	1		P	A	P	P		P								
18	Shweta			P	P	P	F		P	-		1					
19,	Siddharth Baretha			P	P	P	P	F	A								_
	Sourabh Sahu.			P	P	ρ	P	F							-		-
21,	Sushma Jaiswal.	_	. 1	P	P	P	P	F	C			-			_		
									1								
			-		-												
								-			m	in in	ba	fh	~		-
								-		f	वभाग	ध्यक्ष	H.	o.b			
									De	शुद्ध ए ept. c	वं अनु of Pur	प्रयुक e &	त भौरि Appl	तेकी lied l	विभाग Physic	s	-
		-							G	มาน G	रु घार्न hasic	ोदास las	विश्व Vishv	वेद्याल Navi	य dvala	a	
		-							Te	लासपु	<b>र (छ</b> .)	т.)/I	Silas	pur	(Ć.G.)		



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

## Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled "**Simulation and Design of Digital circuit Components"** in which 25 lectures have been conducted as theory and practical and 05 lectures as interaction/tutorial during the session of 2022-23.

विभागाध्यक्ष/H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

	GURU	g.H						NI	A	EF	IS	IT	Y,	C
B Mai	Name я	ा Rank श्रेणी	Her	qè	tion	hs	28 03	1:8	7.	8	ġ	10		
1.	Jiya Khandey												11	12
2.	Himash Painkra	-	P		+ -		P							
3,		-	P	P	P		Ρ							
4.	Khushi Yadau	-	P	AP	P	P	P	_						
5.	Abhilasha Gupta		P	P	P	P	P							
6.	Manjula		P	P	P	A	P	-						
7.	Prakash Pal		A	P	-	-	P	-	_					
8.	Anurag Sharma		P	P	P	P	P		_		_			
9,	Ritika Tanti		P	P	P	P	P	-	-		_	_		-
lo.	Neha Barman		F	F	P	P	P							
ц.	Sahil Kashley		-			-		-						-
12,	Biswayit lenka				-	-	-		-			_	-	_
13,	Deepesh Pradhan		-		-			-	-			-	-	_
14,	Bhusatya Sahy		-	-	-			-	-		-			
ls-	Jagriti Sahu		-	-	-+	-				-				
16,	Anya Pandey S. Supriya charturn		-	-		-		+	+	-			-	_
17.	S. Supriya chatura		-	-	-		-	-	+		-		-	_
18.	Ashna Patel		-	-		-	-	-		ipas	tu	-		-
19,	Ashish		-	-	-	-	-	1 1	22111152	T81/HC		-		-
20.	hanga Sagar			-		-	-	Dept. c	of Pure ਤ ਸ਼ਾਸੀਟ	गुक्त भौति & Applie रस विश्ववि	ed Phys हारलय	+CS		-1
21.	Tusar Pandey			-	-	-	-	Guru Ö बिलासप्	hasida र (छ.ग.)	s Vishw /Bitasp	avidyala ur (C.G	aya		-11
22.	Arshlem				-		-	:	+	-	-			_
23.	Hemant Partel						-	-	-	-		-		-
24.	shiv. Prakash Sahy			-			-	-	-	-	-	-		-
25.	Anurag Ku. Mohite					-		-	-	-	-	-		-
26.	anked prakash		-		-	-	-	+	-	+	-	-		-
27. 1	Rudra chandra						-	+	+	-	+	-		-
28- 5	shivendry sharmy									-	-	-		
29. 1	vikersh Satur Yerder		-							-	-			- 15
30. 1	Agay Jaiswal				1				-	-	-	-		- 18



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

## Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled "**Physics for Sustainable Future"** in which 26 lectures have been conducted as theory and practical and 05 lectures as interaction/tutorial during the session of 2021-22.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग शुद्ध एव अनुभुवृत्य भावका विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

	SECTION B.Sc. 2nd	Se	There are a		per wear	-	021	-	22	-			1.
S.No. A. Rieur	Name नरम	Rank श्रेणी	7 26	17/08	24	a ct 07	10,2/2	69	jes	5100	19-	10	1
· 1.	Kumari Yamini	0.33	A	P	P	D	P			3		13	-
2.	Kavita Sahy		A	P	P	P	P	TC		1	-		-
3.	Shivam Singrole.	0	A	P	P.	P	P				-		-
ч.	Piyash Mayhi	1 0	P	P	A	P	P		1			4	-
S.	Md. Kait Siddique	1 9	P	P	P	A	P				0	13	
6,	Aakash Verma	1 1	P	P	P	P	ρ			10			
7.	Prizesh Bhardwaj		P	P	P	A	P	1 P	T	0	1		-
8.	Mansi Kunwar	19	P	P	A	P	P	9	0	9	Ta		4
g,	chardra shekhar Dew	2.9	P	A	·P	P	P	1		9		6	-
10.	Kiron Palel	1 0	P	P	A	P	P	E.			0	-	
11.	Bhism Patel	191	P	P	P	A	P		A		1	.0	-
12.	Peeyush Patel	19	P	P	P	A	P	9		A	1		
13.	Sahil		P	A	P	P	P	5	ST	9			
	Deepak ku. Mahar		P	P	P	P	P		0	0			
	chhayank Sahu.	9-1	P	P	P	P	P	N	9	1			
16	Fiza Bano	191	A	P	P	P	P	SI	9	1	- 6		-
	Abhishe K. Kashyap	9	P	P	P	P	A	101	9				1
18	Khyali Dewangan.	9	P	P	P	P	P	5		1	1		
									um	pipe	athi		
-							-	श	विभाग द एवं अन	ताध्यक्ष / - तप्रयक्त भ	H.O.D.	भाग	
								Gur	गुरू घा u Ghasi	सीदास विश das Visi	hwavidy	alaya	
								बिल	जसपुर (छ	.π.)/Bita	aspur (C	.G.)	
						-							
					_								



Guru Ghasidas Vishwavidyalaya (A Central University Established by the Central Universities Act 2009 No. 25 of 2009) Koni, Bilaspur – 495009 (C.G.)

#### Certificate

This is to certify that Department of Pure and Applied Physics has started following a Value Added Course entitled "**Renewable Energy and Energy Harvesting**" in which 29 lectures have been conducted as theory and practical and 05 lectures as interaction/tutorial during the session of 2021-22.

विभागाध्यक्ष /H.O.D. शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग Dept. of Pure & Applied Physics गुरु घासीदास विश्वविद्यालय Guru Ghasidas Vishwavidyalaya बिलासपुर (छ.ग.)/Bilaspur (C.G.)

	GURU Ø	iH/	AS	ID	A	S	U	11				ANG		
SI	ECTION B.Sc. 2nd	. R.	ene	wa	ble	en	1029	LNO .						enti
S.No. क्र. संख्या		Rank श्रेणी	T	5+ex 09 028	235	5/333	1-01	s ssi	17-	27	9	10	11	12
1.	Abhay Shukle_		P	A	P	P.				-				
2,	Alka Barma .		P	P	A	P								
3,	Angali Pater		P	P	P	P		-						
ч.	Anshita Agretan"		P	P	A	P								
5.	Ayush Kemer.		P	P	P	A								
6,	chirangivee		P	P	P	A								;
7,	Kamini Sahu.		P	P	A	P								*
8,	Kamta Presad .		P	A	P	P								
9,	Khushi Gupta		P	P	P	P			-					
10.	Kiran Patel		A	P	P	P								
11	Kumkum Rather		P	A	P	P							-	
12	Loren chaudhary		P	P	A	P				-	-			
13	Mamta Kaushik		P	P	A	P				-				
14	Peeyush Patel	_	P	P	P	A		-				-	-	-
15	Prachi Sahu.		P	A	P	P				-	1	-	-	
16.	Prizesh Bhardwo.	_	P	P	P	A			-		-	1.	-	
17,	Puspesh saral.		P	A	P	P		-	-	-	-	-	-	-
18	S.K. Bhauna.		A	P	P	P	-	-	-	-	-	-	-	-
19,	Sakshi hupta.	-	A	P	P	P	-	-	-	-	-	-	-	-
20.	Sameer Mahant.		P	P	A	P		-		-	-	-	-	
21	shalini Sao	1	P	A	P	P	-	-		-	-	-	-	-
22,	Shrute Ku.	-	P	P	P	P	-	-	-		til	patt	ri	
23	Siddarth Ky.		P	A	P	P		-	-	विभ	गगध्यक्ष	/H.O.	D.	-
24.	Surge Prakash.	_	P	P	P	A	-	-	De	<mark>रुद्ध एवं</mark> ः pt. of F	अनुप्रयुक्त <sup>2</sup> ure &	त भौतिर्व Applied	নী বিभাग Physi	cs
25	Yogita.	-	P	P	P	P	-		Gu	ru Ğha	s das \	विश्वविद्य /ishwa Bilaspu	vidyala	ya
24.	Vijendra Ku.	_	P	P	P	P	-	-	Id	ासपुर (	(0.41.) / E	Jilaspu	10.0.	-
27-	Chandrakant Son		P	P	P	P	-	-	-	-		-	-	
28	Goxul singh		P	A	P	P								