

Eminent Guests

Dr. Surendra Pal
Former Additional Director,
Dist. Scientist,
Satellite Centre ISRO

Dr. Parul Patel
Group Director, Research,
Outreach and Training Coordination Group,
(SAC) ISRO

Dr. S.N. Joshi
Emeritus Scientist,
CEERI, Pilani

Eminent Speakers

Prof. (Dr.) Deepak Bhatnagar, Former Head, Department of Physics,
University of Rajasthan

Prof. V.K. Saxena, Department of Physics, University of Rajasthan

Dr. Manisha Gupta, Department of Physics, University of Rajasthan

Dr. Soumava Mukherjee, IIT Jodhpur

Chief Patron

Dr. Rashmi Chaturvedi
Director, KMM, Jaipur

Patron

Dr. Seema Agrawal
Principal, KMM, Jaipur

Convener

Dr. Usha Bhatia
HOD, Physics, KMM, Jaipur

Co-Convener

Dr. Ratna Saxena
Vice-Principal (Science), KMM, Jaipur

Organizing Secretaries

Dr. Sarla Sharma
Dept. of Physics
KMM, Jaipur

Dr. Sumita Shekhawat
Dept. of Physics
KMM, Jaipur

Organizing Committee

Dr. Deepti Chauhan
Dr. Manisha Kumari

Dr. Rekha Prajapat
Ms. Pooja Singhal

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NATIONAL WORKSHOP

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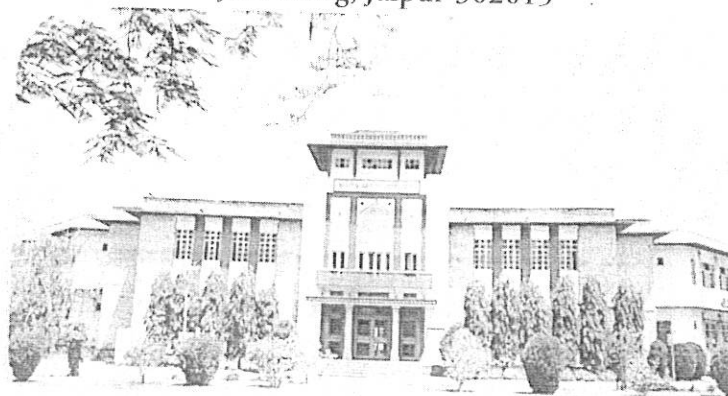
Hands-on Training in Microwave Experiments (HTME-2022)

February 18-19, 2022 (Virtual Mode)



Department of Physics
Kanoria PG Mahila Mahavidyalaya

JLN Marg, Jaipur-302015



Contact: +91-141-2707539, 2706672 Website: www.kanoriacollege.in

About the Institution

Kanoria PG Mahila Mahavidyalaya (KMM), Jaipur was established in 1965 by Late Shri Bhagirath Kanoria with the goal of educating young women. The college was founded as the first institution of higher education for women in the scenic environs of Jawaharlal Nehru Marg with a grant-in-aid from the Rajasthan government.

The college's aim is to instill ideals and commitment to social issues, as well as empower and equip students to enter the professional world. In addition to providing high-quality education to women, the college places a strong emphasis on their overall development.

With an excellent faculty and modern infrastructure, backed with strong academic culture and tradition, the institution has prospered with new courses at the undergraduate and postgraduate levels. Education, according to the college, is a means of developing one's greatest skills because each person has an aspiring desire and hope that, when realized, can improve society and build the nation. By hosting seminars, conferences and workshops as a regular element of the curriculum, the institution has always provided a forum for developing enduring appreciation for the world of mind.

Theme

Microwave and antenna technology is extensively being used in a variety of applications, including radio astronomy, long-distance communication, space navigation and RADAR systems etc. As a result of vast range of applications, students, teachers and researchers in this area need to understand various theoretical and experimental aspects of microwave circuits, antennas as well as their applications. The workshop's main goal is to provide a forum for young minds to learn about the fundamentals of microwave components and measurements from both theoretical and experimental viewpoints.

No registration fee

Link for registration: <https://www.kanoriacollege.in>

National Workshop and Hands on Training in Microwave Experiments (HTME-2022)

February 18-19, 2022

Name of Resource Person

1. Dr. Surendra Pal, Retired Additional Director, ISRO.
2. Prof. Deepak Bhatnagar, Former Head, Department of Physics, University of Rajasthan.
3. Dr. Parul Patel, Group Director, (SAC) ISRO.
4. Dr. V.K. Saxena ,Professor, Department of Physics, University of Rajasthan.
5. Dr. Manisha Gupta, Associate Professor, Department of Physics, University of Rajasthan.
6. Dr. Soumava Mukherjee, Assistant Professor, Department of Electronics, IIT Jodhpur.



Report

On

National Workshop and Hands on Training in Microwave Experiments (HTME-2022)

February 18-19, 2022

In today's scenario Microwave Technology plays vital role, as microwaves are widely used in industry, scientific and medical applications and are also utilized in spacecraft communication to transfer much of the world's data, television and phone communications over long distances between ground stations and communications satellites and many more. Thus "Microwave is like a God" because as God is everywhere, microwave is also present everywhere. Keeping focus on this, we organized a Two days "National Workshop and Hands on Training in Microwave Experiments (HTME-2022)" on virtual platform on February 18-19, 2022. The idea was to motivate young participants to look forward for their future prospects in the field of Microwave Electronics, to expose them to various theoretical and experimental aspects of microwave circuits, antennas as well as their applications and to provide a forum to them to learn about the fundamentals of Microwave components and measurements.

In this two days workshop, there were six sessions in all, four sessions on the first day and two on the second day by the invited speakers from various renowned universities and research institutes. A total of 261 participants from various educational institutes registered themselves in this workshop from all over India and even overseas too.

The event started with the welcome speech by Principal of the college, Dr. Seema Agarwal. She welcomed all the delegates, participants connected to the workshop virtually. Dr. Sarla Sharma elaborated the theme of the workshop. She highlighted the important aspects which were to be discussed in the workshop and also gave a brief description about the objectives of the workshop.

Prof. Deepak Bhatnagar, Former Head, Department of Physics, University of Rajasthan as Guest of Honor of the inaugural ceremony, encouraged the young participants of the workshop to use this virtual platform as an opportunity to interact with the eminent speakers from all over country to understand the basics of experiments. The Chief Guest of Inaugural Program and the keynote speaker Dr. Surendra Pal, Retired Additional Director, ISRO in his address, highlighted that research canvas is going vast in the present scenario in the field of microwave electronics and motivated participants to think out of the box as they cannot exist in the present time without it. He also introduced about the journey of radio communication by various researchers like J.C. Bose, Pioneer in the field of microwave devices and known as one of the fathers of Radio Science. James Clark Maxwell, who discovered Electromagnetic equations, Oliver Heaviside who reformulated Maxwell's Equations which is also known as Modern Maxwell's Equations. Finally, he concluded the address by the convergence and fusion of various technologies like broadband, satellite links, video conferencing, GPS, OFC, TU, cable, DBS-300 channels, naming as confusion. Dr. Sumita Shekhawat delivered formal vote of thanks to Chief Guest Dr. Surendra Pal and Guest of Honor Dr. Deepak Bhatnagar for their encouraging and motivating words.

Prof. Deepak Bhatnagar was the speaker for the second session. In the talk, he discussed about the "Basics of microwave components" with live demonstration starting from the fundamentals of microwaves like its frequency range, various frequency bands. He explained about the microwave components which are used in Microwave Bench in laboratory like klystron tube, klystron power supply, isolator, attenuator, frequency meter, detector and point contact diode along with explaining the working of each component.

The third session included the talk of Dr. Parul Patel, Group Director, (SAC) ISRO. In her talk on "Microwave remote sensing fundamentals and applications" she explained about the common bands used in microwave remote sensing elaborating the concept of polarization. She discussed satellite microwave radiometer used in Bhaskara-I and Bhaskara -II, MSMR(multi frequency scanning microwave radiometer). She presented a deep analysis of soil moisture profile map using SMAP surface SMC data where SMAP is first earth observation satellite developed by NASA (national aeronautics and space administration) which was launched in January 2015 and works on L-Band (1.4Ghz)

The fourth session which was the last session of the day was led by Dr. Manisha Gupta, Associate Professor, Department of Physics, University of Rajasthan. She delivered her talk on "Measurement of Dielectric constant and waveguide components". She also elaborated about the measurement of various parameters of directional coupler.

Prof. V.K. Saxena from Department of Physics, University of Rajasthan, was the speaker for the first session of day 2. In the talk, he discussed about the "Vacuum Tubes type conventional Microwave Sources". Starting with very basic concept of amplifier and oscillators, he explained limitations of these conventional solid state active devices at microwave frequency. In continuation to this, he also explained the basic characteristics of Reflex klystron with the help of experimental data and results.

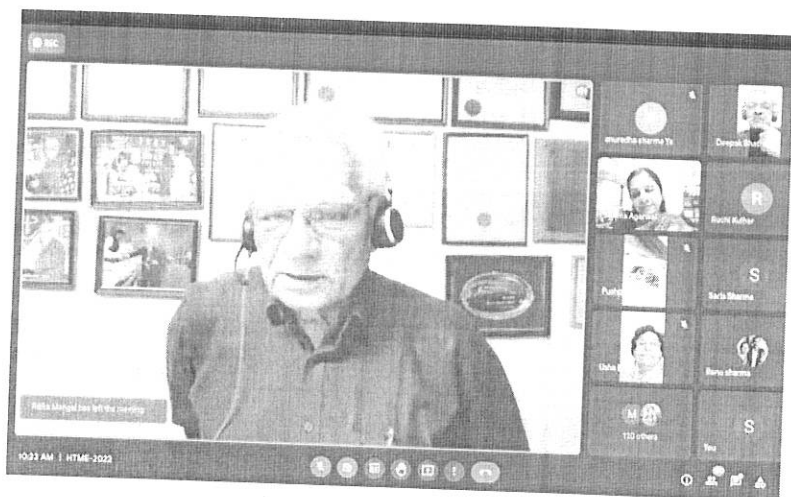
The second session included the talk of Dr. Soumava Mukherjee, from IIT, Jodhpur. He discussed most important component of communication i.e. Antenna. Starting with the basic definition of antenna. He explained various parameters of antenna like reflection coefficient, gain, VSWR, directivity etc with an experimental approach to the basics of antenna measurement in a very interesting way.

In the valedictory session Dr. Ratna Saxena, Vice Principal Science, KMM, Jaipur gave welcome address. She expressed her gratitude towards all the eminent scientist who shared their knowledge on the theme and helped to make the workshop meaningful and memorable for all the participants. The report of the workshop was presented by Dr. Sumita Shekhawat, Organizing Secretary. She said that all the sessions jointly

form a complete package of basic microwave technology. Valedictory address was delivered by chief guest Dr. Parul Patel, Group Director, Research, Outreach and Training co-ordination group. (SAC) ISRO. She appreciated the theme of the conference and shared her experiences to motivate the young researchers in this area. Anshul Bhardwaj, a participant from Department of Physics, Agrawal P.G.College, and Jaipur shared his two days experience in this workshop and expressed his gratitude to the team for providing a good platform to understand both theoretical as well as practical aspects of microwave electronics.

Dr Usha Bhatia, Convener of workshop and Head of Physics Department expressed her gratitude towards all the delegates and participants who joined virtually and made it a grand success. At the end Dr. Manisha Kumari thanked all the guests and participants for honoring the event and also the organizers who had worked hard to frame this workshop.

Dr. Sumita Shekhawat



Google meet link: <https://meet.google.com/htme-2022>

Youtube link: <https://youtu.be/NuqdtG1s3s8> Day 1 (18-02-22)

<https://youtu.be/175vA9vY88> Day 2(19-02-22)

First name	Last name	Email	Duration	Time joined	Time exited
Arvind Jangir		arvi*****@***.com	28 sec	12:00 PM	12:01 PM
Atul		chou*****@***.com	36 min	9:50 AM	1:13 PM
Devesh		deve*****@***.com	32 min	10:16 AM	3:09 PM
kumud		kumud.t@kanoriacollege.in	1 hr 13 min	9:56 AM	11:10 AM
Mayank		xlen*****@***.com	3 hr 11 min	9:43 AM	12:56 PM
Nikita		niki*****@***.com	35 sec	12:52 PM	12:52 PM
Premkrishna		pkn1*****@***.com	27 min	9:50 AM	10:18 AM
Pritam		prit*****@***.com	3 hr 14 min	9:43 AM	12:57 PM
Rukshar		rukshar.r@kanoriacollege.in	3 min	10:04 AM	10:07 AM
Shivani Mishra		shiv*****@***.com	16 min	10:05 AM	10:21 AM
Subham	Adhikari	a.su*****@***.com	1 hr 26 min	9:56 AM	11:23 AM
Isha	agarwal	isha*****@***.com	20 min	1:48 PM	2:47 PM
Karishma	agarwal	ka20*****@***.com	1 min	10:46 AM	10:47 AM
Akshita	Agarwal	ad60*****@***.com	1 hr 32 min	9:43 AM	11:15 AM
Seema	Agarwal	seema.a@kanoriacollege.in	48 min	9:52 AM	10:40 AM
Shubham	Agarwal	shub*****@***.com	51 min	10:00 AM	3:04 PM
Mr. Abhinandan	Agrawal	abhi*****@***.org	2 hr 20 min	9:58 AM	12:36 PM
Nikita	Agrawal	niki*****@***.com	43 min	9:59 AM	10:42 AM
abhi	ak	urab***@***.com	32 min	12:21 PM	1:03 PM
Mohit Kachot	Alwar	mohi*****@***.com	1 hr 4 min	10:20 AM	11:24 AM
mansi	arora	mans*****@***.in	24 min	10:05 AM	10:33 AM
Swati	Atal	swat*****@***.com	12 min	9:42 AM	9:55 AM
Minal	Bafna	drmi*****@***.com	31 min	10:01 AM	10:32 AM
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Gunjan	Basnet	gunj*****@***.com	2 hr 27 min	9:50 AM	1:06 PM
Priya	bhadoriya	priy*****@***.com	3 hr 58 min	11:00 AM	3:01 PM
Harpreet	Bhangu	bhan*****@***.com	3 min	10:23 AM	10:26 AM
DR. DHEERAJ	BHARDWAJ	dbha*****@***.in	3 hr 51 min	9:54 AM	2:50 PM
Nidhi	Bhargava	nidh*****@***.in	3 hr 41 min	10:08 AM	2:36 PM
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Usha	Bhatia	usha.b@kanoriacollege.in	4 hr 8 min	9:39 AM	2:53 PM
Deepak	Bhatnagar	dbha*****@***.com	2 hr	9:58 AM	2:53 PM
Lokdivya	Bhukar	lok*****@***.com	1 hr 57 min	9:51 AM	1:13 PM
Chailsy	Bunkar	chai*****@***.com	4 hr 38 min	10:03 AM	3:39 PM
100rabh	bunkar99	100r*****@***.com	3 hr 42 min	9:46 AM	2:52 PM
Reena	Burdak	reen*****@***.com	23 min	9:58 AM	10:21 AM
Mannu	Chaudhary	mann*****@***.com	43 min	12:13 PM	12:56 PM
MUSKAN	CHAUDHARY	2020*****@***.in	2 min	9:53 AM	3:32 PM
Deepti	Chauhan	deepti.c@kanoriacollege.in	1 hr 43 min	9:56 AM	11:39 AM
Praveen	Chaurasia	prav*****@***.in	4 hr 28 min	9:48 AM	2:16 PM
Taruna	Choudhary	taru*****@***.com	39 min	9:58 AM	10:37 AM
Lalita	Das	lali*****@***.com	1 hr 22 min	10:15 AM	12:46 PM
Alka	Deshmukh	alka*****@***.edu	2 hr 44 min	10:02 AM	3:26 PM
Dr. Navneet	Dhanda	ndha*****@***.com	4 hr 42 min	10:01 AM	3:29 PM
Ritika	Dhayal	riti*****@***.com	2 hr 5 min	10:43 AM	2:13 PM
Gunjan	Dheerwani	gunj*****@***.com	16 sec	12:53 PM	12:54 PM
Manasvi	Dixit	mana*****@***.in	1 hr 48 min	10:41 AM	12:29 PM
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Vishant	Gahlaut	vgce***@***.com	1 hr 50 min	10:44 AM	12:34 PM
VISHANT	GAHLAUT	vish*****@***.com	1 min	10:42 AM	10:44 AM
tanya	ganeriwala	tany*****@***.com	55 sec	11:17 AM	11:18 AM
Sourojit	Ganguly	sour*****@***.com	2 min	9:49 AM	9:52 AM
Anamika	Garg	jain*****@***.com	10 min	9:48 AM	10:19 AM

AMITABH	GATHALA	gath*****@***.com	38 sec	9:36 AM	9:37 AM
Jeevan	Ghodake	jeev*****@***.com	4 hr 33 min	9:53 AM	2:48 PM
Nima	Golhar	nima*****@***.com	4 hr 29 min	10:28 AM	3:00 PM
VIVEK	GOSWAMI	vive*****@***.com	1 hr 27 min	10:19 AM	2:20 PM
Anushka	Goyal	anug*****@***.com	1 hr 58 min	9:48 AM	11:46 AM
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Dr. Ankit Kumar	Gupta	mran*****@***.com	2 hr 37 min	10:02 AM	2:39 PM
Kanika	Gupta	kani*****@***.com	5 hr 7 min	9:43 AM	2:51 PM
Manisha	Gupta	drgu*****@***.com	1 hr 1 min	1:46 PM	2:47 PM
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Sargun	Jain	sarg*****@***.com	38 sec	12:22 PM	12:22 PM
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yogita	jangid	chan*****@***.com	4 hr 30 min	9:50 AM	2:48 PM
Priyanka	Jangid	priyanka.j@kanoriacollege.in	47 min	10:20 AM	11:08 AM
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LALIT	JHAN	lali*****@***.com	24 min	1:13 PM	2:13 PM
Minakshi	Jharwal	jhar*****@***.com	40 min	9:58 AM	10:38 AM
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Navneet	Kaur	navn*****@***.com	25 sec	9:48 AM	9:49 AM
meenu	kaushik	mkce***@***.com	6 min	11:28 AM	11:40 AM
Akanshu	Khandelwal	akg2*****@***.com	3 hr 44 min	9:57 AM	4:37 PM
Himanshi	Khandelwal	hima*****@***.com	2 hr 52 min	10:09 AM	3:14 PM
Sakshi	Khandelwal	saks*****@***.com	1 hr 53 min	11:17 AM	1:12 PM
Rajendra Kumar	Khanna	rkkh*****@***.com	5 hr 41 min	10:44 AM	6:14 PM
AYUSH	KHARWAL	ayus*****@***.com	24 min	10:29 AM	2:58 PM
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Vijendra	Koli	vkvi*****@***.com	1 hr 49 min	10:02 AM	1:25 PM
Ruchi	Kulhar	ruch*****@***.com	3 hr 49 min	10:00 AM	2:48 PM
dheeraj	kumar	dhee*****@***.org	3 hr 36 min	10:03 AM	4:16 PM
ramesh	kumar	rame*****@***.org	2 hr 24 min	10:00 AM	12:38 PM
sushil	kumar	sush*****@***.com	56 sec	12:22 PM	12:23 PM
Dr. Rajesh	Kumar	raje*****@***.in	53 sec	2:57 PM	2:57 PM
Dr. Sanjeev	Kumar	sanj*****@***.com	3 hr 53 min	9:56 AM	3:52 PM
Rahul	Kumar	rahu*****@***.com	31 sec	9:58 AM	9:59 AM
Sunil	Kumar	suni*****@***.com	31 min	9:38 AM	10:09 AM

neha	kumari	neha*****@***.com	24 min	9:42 AM	10:06 AM
Kavita	Kumari	kavi*****@***.com	4 hr 12 min	9:40 AM	2:47 PM
Ritu	Kumari	whor*****@***.com	1 hr 27 min	9:50 AM	2:49 PM
NEHA	KUMARI	hari*****@***.com	31 min	10:11 AM	3:14 PM
Monu	kumawat	kuma*****@***.com	10 min	2:17 PM	3:23 PM
Riya	Maan	maan*****@***.com	46 min	10:08 AM	2:42 PM
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Vishal	Mathur	wish*****@***.com	1 hr 49 min	9:44 AM	12:10 PM
abhishek	meena	abhi*****@***.org	2 hr 39 min	12:07 PM	2:45 PM
amitkumar	meena	amit*****@***.com	2 hr 40 min	10:19 AM	1:03 PM
Amit	Meena	amit*****@***.com	21 min	2:08 PM	3:30 PM
Kapoor Chand	Meena	kapo*****@***.com	1 hr 31 min	9:58 AM	3:53 PM
Lekhraj	Meena	lekh*****@***.com	1 hr 16 min	10:02 AM	12:29 PM
Neha	Meena	subo*****@***.com	1 hr 30 min	10:24 AM	2:01 PM
Rakesh	Meena	rake*****@***.com	20 min	12:03 PM	12:23 PM
Raman	Meena	rama*****@***.com	1 min	12:01 PM	12:02 PM
Roshni	Meena	rosh*****@***.com	38 min	12:49 PM	1:39 PM
sapna	Meena	sapn*****@***.com	2 hr 26 min	9:47 AM	3:47 PM
Tinu	Meena	tinu*****@***.com	5 hr	9:45 AM	2:48 PM
HEMANT	MEENA	hema*****@***.com	2 min	10:06 AM	10:08 AM
Pratibha	Mehta	prat*****@***.com	4 hr 49 min	10:00 AM	2:49 PM
vinita	mirdha	vini*****@***.com	2 hr 35 min	10:42 AM	1:48 PM
ashish	mishra	ashj*****@***.com	2 hr	9:40 AM	11:43 AM
Abhishek	Mishra	abhi*****@***.in	3 min	10:06 AM	10:08 AM
Sakshi	Mishra	12sa*****@***.com	25 sec	10:20 AM	10:21 AM
GS	Mudgil	gou*****@***.com	1 hr 9 min	9:40 AM	2:37 PM
Jagdish	Mukker	jagd*****@***.com	55 min	11:58 AM	12:53 PM
Himanshu singh	Naruka	hsna*****@***.com	53 min	9:46 AM	10:39 AM
Monika	Nathuram	moni*****@***.com	2 hr 22 min	9:51 AM	2:24 PM
Anju	Pachori	anju*****@***.com	20 min	1:30 PM	1:51 PM
Manasi	Pagare	mana*****@***.com	1 hr 33 min	10:00 AM	11:33 AM
Sagar	Pahadiya	saga*****@***.com	2 min	12:00 PM	12:02 PM
Surendra	Pal	sure*****@***.com	3 hr 50 min	9:36 AM	1:51 PM
pragya	paliwal	pali*****@***.com	3 hr 30 min	9:45 AM	1:21 PM
Yash	Pant	yash*****@***.com	2 hr 28 min	9:58 AM	12:30 PM
Naman	Parashar	2bha*****@***.com	8 min	10:09 AM	10:17 AM
Astha	Pareek	astp*****@***.com	7 hr 2 min	9:47 AM	4:51 PM
raghu nandan	parmar	ragh*****@***.com	11 min	9:49 AM	11:17 AM
Dr Parul	Patel	paru*****@***.com	1 hr 24 min	12:27 PM	1:51 PM
Prömîlä	Pöönîä	prom*****@***.com	21 min	9:44 AM	10:05 AM
Pooja promila	Poonia combine	poon*****@***.com	5 hr 22 min	9:44 AM	3:13 PM
Taruna	Poswal	taru*****@***.com	27 min	11:07 AM	12:09 PM
Pragya	Pradhan	prag*****@***.com	11 min	10:02 AM	10:13 AM
Kaushal	Prajapat	kaus*****@***.com	12 min	10:03 AM	10:15 AM
Rekha	Prajapat	rekha.p@kanoriacollege.in	3 hr 30 min	9:50 AM	2:49 PM
poonita	rajoriya	poon*****@***.com	1 hr 35 min	9:35 AM	12:25 PM
Anju	Rajwani	anju*****@***.com	2 hr 38 min	9:50 AM	2:28 PM
Daulat	Ram	meen*****@***.com	16 min	10:11 AM	10:28 AM
Diksha	Ranwa	diks*****@***.com	1 hr 1 min	10:42 AM	12:13 PM
Suhana	Rao	shiv*****@***.com	16 min	10:07 AM	10:23 AM
Divya	Rathi	divy*****@***.com	3 hr 23 min	9:51 AM	2:49 PM
Swati	Rathore	swat*****@***.com	3 hr 15 min	9:36 AM	1:27 PM
Deepali	Sabale	deep*****@***.com	56 sec	9:48 AM	9:49 AM
Neha	Sain	sain*****@***.com	3 hr 7 min	10:03 AM	1:32 PM
lokesh	saini	9252*****@***.com	51 min	9:47 AM	10:42 AM

Jitendra	Saini	jitu*****@***.com	1 hr 3 min	1:45 PM	2:48 PM
Nisha	Saini	nisha.s@kanoriacollege.in	49 min	11:31 AM	12:20 PM
Sumaiyya	Salim	suma*****@***.com	2 hr 55 min	11:12 AM	2:48 PM
Kishnawat	Saloni	salo*****@***.com	4 hr 16 min	10:05 AM	2:49 PM
Harmeet	Sandhu	harm*****@***.com	54 min	9:50 AM	12:15 PM
Kiran	Sangade	kira*****@***.com	4 min	9:44 AM	11:28 AM
Manjusha	Sapehia	sape*****@***.com	2 hr 52 min	9:40 AM	12:33 PM
Akash	Sarkar	akas*****@***.com	1 hr 56 min	10:28 AM	1:01 PM
Priyanka	Satyaveer singh	priy*****@***.com	39 sec	12:51 PM	12:52 PM
Ratna	Saxena	ratna.s@kanoriacollege.in	1 hr 6 min	9:59 AM	11:06 AM
B	Sha	shar*****@***.com	2 hr 22 min	9:44 AM	2:33 PM
Renu	sharma	renu*****@***.com	3 hr	9:55 AM	12:59 PM
Aditi	Sharma	sa14*****@***.com	56 min	9:46 AM	10:42 AM
Anju	Sharma	anju*****@***.in	22 min	9:46 AM	10:08 AM
Anshul	Sharma	ansh*****@***.com	1 hr 18 min	10:01 AM	12:03 PM
Bharati	Sharma	bj88****@***.com	39 min	9:42 AM	10:21 AM
Dr. Braj Raj	Sharma	braj***@***.in	39 min	10:50 AM	12:43 PM
Dr. Nisha	Sharma	123s*****@***.com	1 hr 38 min	9:56 AM	2:31 PM
Gauri	Sharma	gaur*****@***.com	2 hr 45 min	9:44 AM	2:48 PM
Himani	Sharma	hs19*****@***.com	1 min	10:12 AM	10:13 AM
Itisha	Sharma	shar*****@***.com	14 sec	1:22 PM	1:22 PM
Komal	Sharma	koma*****@***.in	4 hr 11 min	9:58 AM	2:09 PM
Radhika	Sharma	radh*****@***.com	1 hr 36 min	9:45 AM	11:53 AM
Rashmi	Sharma	rkhe*****@***.com	45 min	2:02 PM	2:48 PM
Richa	Sharma	jang*****@***.com	1 hr 23 min	9:47 AM	2:24 PM
Rina	Sharma	rina*****@***.com	3 min	12:23 PM	12:26 PM
Sarla	Sharma	sarla.sh@kanoriacollege.in	5 hr 11 min	9:27 AM	2:49 PM
Veinom	Sharma	vein*****@***.com	53 min	10:13 AM	2:20 PM
Yashwant	Sharma	yash*****@***.com	6 min	10:11 AM	10:17 AM
NEHA	SHARMA	neha*****@***.com	1 min	10:16 AM	10:17 AM
PRAGYA	SHARMA	prag*****@***.com	46 min	10:24 AM	11:10 AM
PRAGYA	SHARMA	prag*****@***.com	2 hr 10 min	11:12 AM	2:48 PM
PRIYA	SHARMA	priy*****@***.com	28 min	10:17 AM	10:48 AM
Anuradha	Sharma DS	stud*****@***.com	2 hr 21 min	10:24 AM	1:08 PM
anuradha	sharma Ys	anur*****@***.com	41 min	9:57 AM	10:38 AM
Sumita	Shekhawat	sumita.s@kanoriacollege.in	3 hr 14 min	9:25 AM	1:07 PM
RITIKA	SHEKHAWAT	ritj*****@***.in	5 hr 1 min	9:45 AM	2:48 PM
SUMITA	SHEKHAWAT	sumi*****@***.com	1 hr 21 min	10:04 AM	11:45 AM
Vaishali	Shrivastav	vais*****@***.com	1 hr 38 min	9:54 AM	2:00 PM
prerana	shrivastava	prei*****@***.com	4 hr 13 min	10:04 AM	2:49 PM
namrta	shukla	namr*****@***.com	57 min	10:00 AM	12:11 PM
Mohd	Siddiqui	mohd*****@***.com	26 min	10:38 AM	11:05 AM
Sarbdeep Kaur	Sidhu	hara*****@***.com	7 min	10:32 AM	11:10 AM
jasvinder	singh	jasv*****@***.com	51 min	9:57 AM	12:13 PM
susheel	singh	sush*****@***.com	56 min	9:46 AM	12:28 PM
Arpita	Singh	arpi*****@***.com	4 hr 45 min	9:41 AM	2:53 PM
Davinder	Singh	sing*****@***.com	8 min	10:19 AM	11:56 AM
Manasvi	Singh	mana*****@***.com	23 min	10:04 AM	10:27 AM
Manavi	Singh	mana*****@***.com	49 min	9:54 AM	3:46 PM
Pushpendra	Singh	push*****@***.com	2 hr 5 min	9:58 AM	3:04 PM
R S K	SINGH	rink*****@***.com	40 min	10:03 AM	2:32 PM
Pooja	Singhal	pooja.s@kanoriacollege.in	2 hr 52 min	10:06 AM	1:00 PM
Manpreet	Sodhi	sodh*****@***.com	5 min	9:53 AM	9:58 AM
Vijay	Soman	vvso*****@***.com	37 min	10:44 AM	11:21 AM
Nikita	Soni	niki*****@***.com	3 hr 50 min	9:37 AM	2:50 PM
Dr Manoj Kumar	Srivastava	drma*****@***.com	1 hr 21 min	10:57 AM	12:18 PM

manoj	swami	mano*****@***.com	1 hr 40 min	9:58 AM	3:04 PM
Indian	thenics	vive*****@***.com	1 hr 6 min	9:53 AM	10:59 AM
devesh	tiwari	ec1d*****@***.com	37 sec	10:16 AM	10:16 AM
Vinayak Kumar	Tiwari	vina*****@***.com	7 min	10:28 AM	10:34 AM
Sneha	tripathi	sneh*****@***.com	7 min	11:02 AM	11:09 AM
VKYJ	TV	vika*****@***.com	2 min	12:18 PM	12:20 PM
geetanjali	usarra	geet*****@***.com	4 hr 39 min	10:00 AM	2:48 PM
Himanshu	Vaishnav	hima*****@***.com	23 min	9:44 AM	10:34 AM
piyush	vashishtha	pv54*****@***.com	4 min	1:47 PM	1:50 PM
Piyush	Vashishtha	pv54*****@***.com	41 min	2:01 PM	2:45 PM
avni	verma	avni*****@***.com	5 hr 9 min	9:40 AM	2:49 PM
Reena	Verma	reen*****@***.com	1 hr 46 min	1:33 PM	3:19 PM
ravika	vijay	ravi*****@***.com	2 hr 48 min	1:26 PM	4:18 PM
YASHIKA	VIJAY	vija*****@***.com	2 hr 58 min	10:03 AM	1:51 PM
Sunita	Vyas	sun*****@***.in	48 min	12:32 PM	1:20 PM
sonu	yadav	sonu*****@***.com	1 hr 21 min	9:57 AM	11:18 AM
Aditi	Yadav	adit*****@***.com	27 min	9:52 AM	10:30 AM
Akanksha	Yadav	akan*****@***.com	1 hr 11 min	9:49 AM	1:16 PM
Beena	Yadav	been*****@***.com	5 hr 6 min	9:43 AM	2:49 PM
Dr. Sanjeev	Yadav	sanj*****@***.org	3 min	12:32 PM	12:35 PM
Nigam	Yadav	yada*****@***.com	44 min	9:42 AM	10:28 AM
Nisha	Yadav	nish*****@***.com	4 min	10:21 AM	10:25 AM
NISHA	Yadav	raon*****@***.com	27 min	9:54 AM	12:27 PM
Pooja	Yadav	py09*****@***.com	29 min	10:11 AM	10:40 AM
Priya	Yadav	py26*****@***.com	2 hr 41 min	9:51 AM	3:13 PM
Sachin	Yadav	sach*****@***.com	43 min	9:42 AM	3:48 PM
Sapna	Yadav	sapn*****@***.com	52 min	10:09 AM	11:18 AM
Sarita	Yadav	sari*****@***.com	17 min	2:27 PM	2:47 PM
Vipul	Yadav	vipu*****@***.com	50 min	9:46 AM	10:37 AM
MEENA	YADAV	m978*****@***.com	2 hr 3 min	9:54 AM	11:58 AM