

The Berar General Education Society's

# SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA

Re-accredited 'A' Grade by NAAC, Bangalore with CGPA 3.12

Department of Physics in Collaboration with IQAC

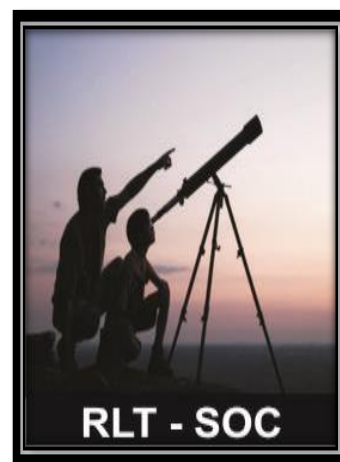
**Organises**

**E-Certificate Course in Astronomy and Astrophysics**

**7<sup>th</sup> to 10<sup>th</sup> May 2020**



**REPORT**



**Mr. Shailesh Jaiswal**

*Course Coordinator*

**Dr. Vijay D. Nanoty**


*Principal/Convener*

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## Report

Department of Physics, under Internal Quality Assurance Cell, Shri R. L. T. College of Science, Akola conducted an online program of “e-certificate course in Astronomy and Astrophysics from 7<sup>th</sup> May to 10<sup>th</sup> May 2020. The activity was conducted during the lockdown period. Nearly 500 participants in Maharashtra with other states were registered in this course. The four-day course included online YouTube lectures and quizzes on various topics in Astronomy. The course was conducted using the college’s website and Google Forms as a platform. On the fifth day of the course, the final exam quiz was conducted and the online certificate was distributed to the qualified participant after successful completion of the course. The main objectives of taking this course were to develop an interest in the field of astronomical science among students, to cultivate public awareness and appreciation of astronomy as a hobby and science, and to motivate students to scientific study for higher education in the field of space and astronomy. Shri S. R. Jaiswal, Asst. Professor, Dept. of Physics worked as a Coordinator and successfully organized the course under the valuable guidance of Principal/Chairman Dr. V. D. Nanoty.



**Shri S. R. Jaiswal**  
Coordinator

Shri R. L. T. College o Science, Akola



**Dr. V. D. Nanoty**  
Principal

Shri R. L. T. College o Science, Akola

**The B.G.E. Society's  
Shri R. L. T. College of Science, Akola  
Department of Physics  
e-certificate course in Astronomy and Astrophysics  
List of registered Participants  
7th May 2020**

| <b>Sr. No.</b> | <b>Timestamp</b> | <b>Email Address</b>           | <b>Full Name</b>              | <b>Institution</b>  | <b>Designation [Professor/<br/>Associate Professor/<br/>Assistant<br/>Professor/Teacher/<br/>Students (UG /PG)/<br/>Others (if any)]</b> | <b>Mobile Number</b> |
|----------------|------------------|--------------------------------|-------------------------------|---|--|----------------------|
| 1              | 5/5/2020 12:17   | nssawala@gmail.com             | Niraj S Sawala                | Government Polytechnic Arvi                                       | Lecturer in Physics  | 8806091765           |
| 2              | 5/5/2020 12:17   | dnyaneshwarpariyal07@gmail.com | Dnyaneshwar Chhogalal Pariyal | RLT college of science Akola                                      | Student  | 8308109853           |
| 3              | 5/5/2020 12:19   | poojadeshmukh905@gmail.com     | Pooja Kailasrao Deshmukh      | Shri R. L.T. college of science,akola                             | Student UG   | 7083521780           |
| 4              | 5/5/2020 12:22   | bokey.vaibhav1@gmail.com       | Dr Vaibhav Dipak Bokey        | Nehru mahavidyalaya Nerparsopant                                  | Assistant Professor  | 9766291221           |
| 5              | 5/5/2020 12:22   | drpriyadeole@gmail.com         | Dr.Priya Sachin Deole         | G.S.Tompe Arts,Com. & Science College ,Chandur Bazar, Amravati.   | Assist. Professor  | 8484017321           |
| 6              | 5/5/2020 12:25   | pawar.manjusha26@gmail.com     | Manjusha Nandalal Pawar       | G.S.Tompe arts,commerce&science college chandur bazar             | Assistant professor  | 9403042487           |
| 7              | 5/5/2020 12:25   | inglejt2013@gmail.com          | Dr. Jitendra T. Ingle         | Government Vidarbha Institute of Science and Humanities,Amravati. | Associate Professor  | 9767074283           |
| 8              | 5/5/2020 12:26   | gawandeab@gmail.com            | ATUL B. GAWANDE               | GMD Arts, BW Commerce and Science College, Sinnar, Nashik         | Assistant Professor  | 9404689773           |
| 9              | 5/5/2020 12:29   | kanojiyakalyani01@gmail.com    | Kalyani Raju kanojiya         | Shri Rlt college of science Akola                                 | Student UG   | 9767831792           |
| 10             | 5/5/2020 12:32   | karishmapanjwani3@gmail.com    | Karishma Rameshlal Panjwani   | Shri RLT college of science Akola                                 | Student (UG)   | 9373715438           |
| 11             | 5/5/2020 12:34   | om.car2047@gmail.com           | Omkar Ashok Kupte             | Rajaram College Kolhapur  | Student UG   | 7028948508           |

|    |                |                                   |                            |  |                     |            |
|----|----------------|-----------------------------------|----------------------------|--|---------------------|------------|
| 12 | 5/5/2020 12:34 | nileshmeasure2k18@gmail.com       | Nilesh Vyankatesh Masure   | Dagdojirao deshमुख Arts commerce & science college       | Student UG          | 8390643409 |
| 13 | 5/5/2020 12:34 | ravin.chavhan@gmail.com           | Ravindra Mahadeo Chavan    | G. S. Science Arts and Commerce College Khamgaon         | Assistant Professor | 9096310588 |
| 14 | 5/5/2020 12:35 | sanjanap659@gmail.com             | Sanjana Patil              | Rajaram College, Kolhapur.                               | S.Y.B.Sc.           | 7028843618 |
| 15 | 5/5/2020 12:35 | vaibhavghatage78@gmail.com        | Vaibhav Babu Ghatage       | Rajaram College , Kolhapur                               | UG                  | 7875095854 |
| 16 | 5/5/2020 12:35 | truptidavhale18@gmail.com         | Trupti Sandip Davhale      | Shri R.L.T College of Science, Akola                     | Student (UG)        | 8766857515 |
| 17 | 5/5/2020 12:39 | praful.pds@gmail.com              | Dr. Praful D Shirbhate     | G S Gawande College Umarkhed Dist Yavatmal               | Assistant Professor | 9096459252 |
| 18 | 5/5/2020 12:39 | samruddhimulay4444@gmail.com      | Samruddi Mulay             | R. L. T. Science college Akola                           | Student             | 8669843569 |
| 19 | 5/5/2020 12:39 | rakhibhagwat92@gmail.com          | Rakhi Vilas Bhagwat        | J.D.Patil sangludkar mahavidyalaya, daryapur             | Assistant professor | 8087033239 |
| 20 | 5/5/2020 12:39 | atulapatil8311@gmail.com          | Dr. Atula Uday Patil       | Rajaram College Kolhapur                                 | Assistant Professor | 9004958311 |
| 21 | 5/5/2020 12:40 | kamblechaitanya111@gmail.com      | Chaitaanya subhash raje    | Rajaram college  | Student             | 7020133734 |
| 22 | 5/5/2020 12:40 | pnhaskoti539@gmail.com            | Prabhakar Nagappa Vhaskoti | Rajaram College Kolhapur                                 | Student             | 9359116615 |
| 23 | 5/5/2020 12:40 | madhavibondre76@gmail.com         | Madhavi Sharad Bondre      | Sri R. L. T. College of science, Akola                   | Student (UG)        | 8421147945 |
| 24 | 5/5/2020 12:40 | shibangi2001@gmail.com            | Shibangi Majumder          | KET'S V.G. Vaze college                                  | Student(UG)         | 7738041661 |
| 25 | 5/5/2020 12:41 | shivamskhot@gmail.com             | SHIVAM SHANTARAM KHOT      | RAJARAM COLLEGE KOLHAPUR                                 | UG - student        | 7028580024 |
| 26 | 5/5/2020 12:43 | nikhilumbarkar@gmail.com          | Nikhil Bhikaji Umbarkar    | Late Pushpadevi Patil Arts and Science College, Risod    | Assistant Professor | 9075129641 |
| 27 | 5/5/2020 12:43 | prathameshchougule96143@gmail.com | Prathamesh Ashok Chougule  | Rajaram Mahavidyalaya, Kolhapur                          | UG                  | 8080996448 |
| 28 | 5/5/2020 12:44 | chandrakantulhe2010@gmail.com     | Dr.Chandrakant S.Ulhe      | Y.C.Arts & Science Mv. Mangrulpir                        | Assistant Professor | 9834847699 |
| 29 | 5/5/2020 12:45 | gauripatil9002@gmail.com          | Gauri Ananda Patil         | Rajaram college kolhapur                                 | Student (UG)        | 9403293651 |
| 30 | 5/5/2020 12:48 | rajpalmaggi7052@gmail.com         | Megha Purshottam Rajpal    | Shri Shivaji College of Science, Commerce and Arts,Akola | Student PG          | 9975542516 |
| 31 | 5/5/2020 12:48 | priyankatippe91840@gmail.com      | priyanka balasaheb tippe   | rajaram college kolhapur                                 | student             | 9763716645 |

|    |                |                              |                                |  |                     |            |
|----|----------------|------------------------------|--------------------------------|--|---------------------|------------|
| 32 | 5/5/2020 12:49 | sphargunani.sh@gmail.com     | Sanjay Prakash Hargunani       | G S Science Arts Commerce College<br>Khamgaon    | Associate Professor | 9421882676 |
| 33 | 5/5/2020 12:49 | gpowar43@gmail.com           | Ganesh Sudhakar Powar          | Govt.Rajaram College, Kolhapur                   | Student (UG)        | 7620379898 |
| 34 | 5/5/2020 12:50 | vikrantbhourjar@gmail.com    | Vikrant Manohar Bhourjar       | rtmnu,nagpur                                     | sttudent (UG)       | 7350110669 |
| 35 | 5/5/2020 12:51 | laxmi.sharmals2020@gmail.com | Dr. Laxmi Akhilesh e           | Brijlal Biyani Science College                   | Assistant Professor | 8830405048 |
| 36 | 5/5/2020 12:52 | kajalppowar200@gmail.com     | Kajal Pandurang Powar          | Rajaram College Kolhapur                         | Student(UG)         | 9765291119 |
| 37 | 5/5/2020 12:52 | suyogsmankar@gmail.com       | SUYOG SURENDRA<br>MANKAR       | Shivramji Moghe College Kelapur<br>Pandharkawada | Assistant Professor | 9423612541 |
| 38 | 5/5/2020 12:55 | maths.khedkar@gmail.com      | MISS. HEMA RAMAJI<br>KHEDKAR   | S.S.S.K.R.Innani College Karanja Lad             | Lecturer            | 9923235457 |
| 39 | 5/5/2020 12:56 | 78410priu93024@gmail.com     | Priya Rajkumar Rachwani        | SGBAU University                                 | Student (UG)        | 8605988356 |
| 40 | 5/5/2020 12:56 | tekadesaurabh789@gmail.com   | Mr. Saurabh Yashvant<br>Tekade | S. S. S. K. R. Innani mahavidyalay               | Student             | 9325922291 |
| 41 | 5/5/2020 12:57 | kamalss425@gmail.com         | Kamaldas S Sonwane             | N.H. college bramhapuri                          | Student             | 9145344588 |
| 42 | 5/5/2020 12:57 | greeshak532@gmail.com        | Greeshka kapote                | K. J. Somaiya college of science and<br>commerce | Student(ug)         | 7045305656 |
| 43 | 5/5/2020 12:57 | jitendrakatakwar29@gmail.com | Jitendra Uddhao Katakwar       | Education  | Student             | 7517294292 |
| 44 | 5/5/2020 12:57 | nikitagupta2997@gmail.com    | Ms. Nikita Sanjay Gupta        | S. S. S. K. R. Innani College, Karanja (Lad)     | Student (UG)        | 9527329015 |
| 45 | 5/5/2020 12:59 | amitwankhade2537@gmail.com   | Amit Arun Wankhade             | Bsc math   | Student ug/pg       | 9975895144 |
| 46 | 5/5/2020 12:59 | rohitlanje266@gmail.com      | Rohit Subhash Lanje            | SSJ College Arjuni/Mor                           | Students            | 8390863819 |
| 47 | 5/5/2020 13:00 | valeshasakshi@gmail.com      | Sakshi Sanjay Valesha          | Shri R.L.T College of science                    | Ug student          | 8983197417 |
| 48 | 5/5/2020 13:01 | manojbhoravkar1@gmail.com    | Ritika manoj bhoravkar         | KET's V.G.Vaze college                           | Student (UG)        | 9076393810 |
| 49 | 5/5/2020 13:01 | shivamgadhawe@gmail.com      | Shivam Ajay Gadhawe            | G.V.I.S.H Amravati                               | Student PG          | 8975934005 |
| 50 | 5/5/2020 13:03 | iarithik@gmail.com           | RITHIK RAI                     | SIES College of Arts, Science & Commerce         | Students (UG)       | 7700049042 |
| 51 | 5/5/2020 13:07 | 123gadesh@gmail.com          | khushbu thakare                | rlt collage of science                           | student ug          | 9998814319 |
| 52 | 5/5/2020 13:09 | veenadandi777@gmail.com      | Veena gangaram dandi           | Rajaram college                                  | Students(ug)        | 9975484617 |
| 53 | 5/5/2020 13:09 | sushildeo86@gmail.com        | Dr. Sushil Deonath Charpe      | J D Patil Sangludkar Mahavidyalaya Daryapur      | Assistant Professor | 9730950178 |
| 54 | 5/5/2020 13:10 | kavitaheda25@gmail.com       | Dr. Kavita M. Heda             | Shri R. L. T. College of science, Akola          | Assistant Professor | 9527908571 |

|    |                |                                 |                                  |   |                            |            |
|----|----------------|---------------------------------|----------------------------------|---|----------------------------|------------|
| 55 | 5/5/2020 13:10 | jaborse@gmail.com               | Jitendra Ashok Borse             | Late Pushpadevi Patil Arts & Science college<br>Risod.Dist-Washim   | Assistant Professor        | 9404211435 |
| 56 | 5/5/2020 13:12 | shubham.140694@gmail.com        | Shubham Krushna Gawande          | Vidyabharti Mahavidyalaya Amravati  | MPSC Aspirant              | 9767622748 |
| 57 | 5/5/2020 13:12 | anushkaanilsahu83@gmail.com     | Anushka Anil Sahu                | Shri. Shivaji College of Arts, Commerce and<br>Science (Physics)  | Student (PG)               | 7058845818 |
| 58 | 5/5/2020 13:13 | nishadumbhare02@gmail.com       | Nisha Vikas Dumbhare             | Nagpur Maharashtra  | Student PG                 | 8411033543 |
| 59 | 5/5/2020 13:15 | dattuv2020@gmail.com            | Dattatray balaso vibhute         | Rajaram collage Kolhapur  | Student UG                 | 7741010284 |
| 60 | 5/5/2020 13:15 | rahulshahare26@gmail.com        | Rahul gopal shahare              | Ssj clg arjunu/mor  | Students UG                | 8788289904 |
| 61 | 5/5/2020 13:16 | vishal.dysp@gmail.com           | VISHAL BHIWSEN BHISE             | Late Pundalikrao Gawali Arts And Science<br>Mahavidyalaya Shirpur Jain Taluka Malegaon<br>District Washim Maharashtra | Assistant Professor        | 9370034272 |
| 62 | 5/5/2020 13:16 | vkjadhao1967@gmail.com          | Dr. Vasant Keshavrao Jadhao      | B. B. Arts, N. B. Commerce & B. P. Science<br>College, Digras   | Associate Professor        | 9822869690 |
| 63 | 5/5/2020 13:17 | vhadagemadhurika@gmail.com      | Madhurika Raju Vhadage           | Rajaram college   | student                    | 7709452255 |
| 64 | 5/5/2020 13:22 | ushraddha3@gmail.com            | Shraddha Manishkumar<br>Upadhyay | Shri. Shivaji college of science,art and<br>commerce Akola  | Student                    | 9764797858 |
| 65 | 5/5/2020 13:25 | swapnila470@gmail.com           | Swapnil saheb rao Arsad          | Shri shivaji science college,amravati   | Assistant professor        | 7588804580 |
| 66 | 5/5/2020 13:28 | priyankakathode@gmail.com       | Priyanka purushottam<br>kathode  | R.L.T. science college.akola  | Student                    | 9960792441 |
| 67 | 5/5/2020 13:28 | medhavi2025@gmail.com           | Medhavi Prasanna Mohite          | Government Rajaram College, Kolhapur  | Student UG                 | 9767479514 |
| 68 | 5/5/2020 13:28 | poonamagrwal2575@rediffmail.com | Dr. Poonam T. Agrawal            | Shri R. L. T. College of Science Akola  | Asst. Professor            | 7588793195 |
| 69 | 5/5/2020 13:30 | tayadesakshi10@gmail.com        | Sakshi Gopalrao Tayade           | RLT   | Student                    | 8550955019 |
| 70 | 5/5/2020 13:30 | atishkohale71@gmail.com         | Dr. ATISH VIJAYRAO<br>KOHLE      | Shri R. R. Lahoti Science College, Morshi.  | Assistant Professor        | 9766434337 |
| 71 | 5/5/2020 13:33 | nitinkolekar@yahoo.com          | Nitin Daji Kolekar               | Shri. R. R. Lahoti Science College, Morshi  | Assistant Professor        | 8485824667 |
| 72 | 5/5/2020 13:34 | poojahajare7799@gmail.com       | Pooja Soma Hajare                | Rajaram college kolhapur  | Students(UG)               | 8308742373 |
| 73 | 5/5/2020 13:34 | anupdahapute@gmail.com          | Anup Purushottam Dahapute        | Shri Shivaji science college Amravati   | Student Ug                 | 8308350636 |
| 74 | 5/5/2020 13:36 | tushardongarwar5@gmail.com      | Tushar Anil Dongarwar            | S. S. Jaiswal college Arjuni  | Student (UG)               | 8379854609 |
| 75 | 5/5/2020 13:38 | shubhangikhedkar01@gmail.com    | Shubhangi Nilkanth Khedkar       | Sant Gadge Baba Amravati University,<br>Amravati.   | PG(Applied<br>electronics) | 9834119432 |

|    |                |                                |                              |   |                       |            |
|----|----------------|--------------------------------|------------------------------|---|-----------------------|------------|
| 76 | 5/5/2020 13:38 | prernankukade812@gmail.com     | Prerna Nitin Kukade          | Shri.R.LT clg of science akola                        | UG                    | 8379850180 |
| 77 | 5/5/2020 13:38 | shrutiparalikar24@gmail.com    | shruti shashikant paralikar  | government college of engineering Aurangabad          | civil engineer        | 9.194E+11  |
| 78 | 5/5/2020 13:39 | vandanasingru@gmail.com        | Vandana khati (singru)       | Tai golwalkar mahavidyalya Ramtek                     | Assistant professor   | 9923751863 |
| 79 | 5/5/2020 13:41 | utkarshasfarakte9872@gmail.com | Utkarsha Sanjay Farakte      | Rajaram college, kolhapur                             | Student               | 9021836079 |
| 80 | 5/5/2020 13:43 | akhileshpuranik@gmail.com      | Akhilesh Ajay Puranik        | Shri.R.L.T college of science, Akola                  | UG                    | 9112495441 |
| 81 | 5/5/2020 13:43 | naharenishant@gmail.com        | NISHANT SURESH NAHARE        | R.L.T.college   | Student UG            | 9689703811 |
| 82 | 5/5/2020 13:44 | anjaliptatil0206@gmail.com     | Anjali Sanjay Patil          | Rajaram college.kolhapur                              | Student (UG)          | 8999847338 |
| 83 | 5/5/2020 13:44 | taniyasadanshiv231@gmail.com   | Taniya sadanshiv             | Shri .R.L.T college.Akola                             | UG                    | 8605180466 |
| 84 | 5/5/2020 13:47 | rmkrp2000@gmail.com            | M.Rahul                      | Ramakrishna mission Vivekananda college               | Bsc physics 3rd year  | 8925168027 |
| 85 | 5/5/2020 13:47 | divyanimulatkar@gmail.com      | DIVYANI GANESH MULATKAR      | SHRI. R. L. T. COLLEGE OF SCIENCE, AKOLA              | Student (UG)          | 7057380952 |
| 86 | 5/5/2020 13:48 | vineetgupta6047@gmail.com      | Vineet Virendranath Gupta    | Shri R.L.T College Of Science                         | Student (UG)          | 9764217804 |
| 87 | 5/5/2020 13:50 | pooja.hatgaonkar@gmail.com     | Ku Pooja Diliprao Hatgaonkar | Shri R.L.T. College of Science Akola                  | Student               | 9021135783 |
| 88 | 5/5/2020 13:50 | madavisneha94@gmail.com        | Sneha Madhoroa Madavi        | Student   | Bsc 1st year          | 9359440307 |
| 89 | 5/5/2020 13:54 | nidhipapalkar2211@gmail.cim    | Nidhi papalkar               | SGBAU   | UG                    | 7972847265 |
| 90 | 5/5/2020 13:57 | pragatitale27@gmail.com        | Pragati Khanduji Tale        | Shivramji Moghe College Kelapur (Pkd)                 | Assistant Professor   | 8605074166 |
| 91 | 5/5/2020 13:58 | deshmukhsp18@gmail.com         | Swati P.Dezhmukh             | Institute of Science, Nagpur                          | Assistant professor   | 9975175345 |
| 92 | 5/5/2020 14:00 | anujamanikrao@gmail.com        | Anuja Manikrao Ingle         | Shri R.L.T. Science College, Akola                    | Student - UG, BSc III | 9096033678 |
| 93 | 5/5/2020 14:05 | komaljkekan@gmail.com          | Komal J. Kekan               | R. L. T. Clg of Science                               | Students UG           | 8698725526 |
| 94 | 5/5/2020 14:06 | channekardc10@gmail.com        | DHIRAJ BHASKAR CHANNEKAR     | Shri Shivaji Arts Commerce and Science college Motala | Assistant Professor   | 7276245557 |
| 95 | 5/5/2020 14:08 | akashrasale123@gmail.com       | Akash Panjab Rasale          | Govt iti college                                      | Student               | 9359666399 |
| 96 | 5/5/2020 14:10 | kalyaninikam737@gmail.com      | Kalyani Rajendra Nikam       | Jagdamba mahavidyalay                                 | Ug                    | 9021546641 |
| 97 | 5/5/2020 14:12 | karthesan1999cbe@gmail.com     | Karthesan N                  | Sri Krishna Adithya College of Arts and Science       | Student               | 9.1908E+11 |
| 98 | 5/5/2020 14:13 | vaishalithihile17@gmail.com    | Rasika Rajesh Tihile         | R.L.T College of Science                              | Student UG            | 8788637272 |



|     |                |                                  |                              |  |                         |            |
|-----|----------------|----------------------------------|------------------------------|--|-------------------------|------------|
| 99  | 5/5/2020 14:13 | archanabodade2005@gmail.com      | Dr. Archana Babasaheb Bodade | Shri Shivaji Science College, Amravati                   | Assistant Professor     | 9326658979 |
| 100 | 5/5/2020 14:17 | atharvibhute5016@gmail.com       | Atharv Chetan Vibhute .      | Rajaram College , Kolhapur .                             | UG Student              | 9.1889E+11 |
| 101 | 5/5/2020 14:20 | yogiwan13@gmail.com              | Yogesh B Wankhede            | Institute of Science                                     | Assitant Professor      | 9975354368 |
| 102 | 5/5/2020 14:21 | fizasyed2001@gmail.com           | Fiza Mohammed Aslam Syed     | K. J. Somaiya College of Science and Commerce            | Student (UG)            | 7900056020 |
| 103 | 5/5/2020 14:24 | ishwarihingne0391@gmail.com      | Ishwari Rajendra Hingne      | Shri. R.L.T College of science                           | Student (UG)            | 9284668032 |
| 104 | 5/5/2020 14:26 | shariqueshaikh811@rediffmail.com | Sharique S Shaikh            | Lkdcb science college lonar                              | Assistant professor     | 8180811811 |
| 105 | 5/5/2020 14:27 | pallavirkoturwar@gmail.com       | pallavi rajesh koturwar      | no   | students UG             | 7821034658 |
| 106 | 5/5/2020 14:29 | www.chatsesneha@gmail.com        | Sneha chatse                 | Rlt college of science                                   | Student                 | 7720932379 |
| 107 | 5/5/2020 14:30 | jagannath.jadhav@somaiya.edu     | JAGANNATH JADHAV             | K.J. Somaiya Science and Commerce                        | Student                 | 8169378144 |
| 108 | 5/5/2020 14:30 | pallavifaye1@gmail.com           | Pallavi Vinayak Faye         | SSJ college Arjuni / mor                                 | student bsc 1year (PCM) | 8554830119 |
| 109 | 5/5/2020 14:33 | rajeshnarwade2001@gmail.com      | Rajesh narwade               | Late ku durga k banmeru science College lonar            | Student                 | 8698228474 |
| 110 | 5/5/2020 14:33 | kishor_1653@rediffmail.com       | Kishor sudhakar joshi        | Arya chankya jr. College osmanabad                       | Teacher                 | 7972573309 |
| 111 | 5/5/2020 14:34 | wasimshaikh0785@gmail.com        | Shaikh wasim shaikh nasim    | Late D K Banmeru science college lonar                   | UG                      | 7083847467 |
| 112 | 5/5/2020 14:37 | d.shingare@somaiya.edu           | Devendra m shingare          | Kj.somaiya college of science and commerce               | Student                 | 8369673961 |
| 113 | 5/5/2020 14:38 | ganasha.gm99@gmail.com           | Ganesh Madanrao Chaudhari    | L.K.D.K.B Science College, Lonar                         | UG                      | 9767229522 |
| 114 | 5/5/2020 14:39 | samadhansangle997@gmail.com      | Ku. Jayshri Mahadeo Sangle   | Amravati   | student                 | 9823052548 |
| 115 | 5/5/2020 14:40 | kschaudhari66@gmail.com          | Kailash Sadashiv Chaudhari   | S.V.S's Dadasaheb Rawal College Dondaicha District Dhule | Assistant professor     | 9422264571 |
| 116 | 5/5/2020 14:40 | vaishnaviyeotkar2520@gmail.com   | Vaishnavi Pramod Yeotkar     | Sant Gadge baba Amravati University                      | UG                      | 9921024276 |
| 117 | 5/5/2020 14:40 | pradinjatale8893@gmail.com       | Pravin vijay jatale          | Sant gadge baba amaravti university                      | Other                   | 9545383622 |
| 118 | 5/5/2020 14:40 | kavitaingole88@gmail.com         | Kavita rajendra ingole       | Physics  | Student for bsc         | 8459145244 |
| 119 | 5/5/2020 14:47 | renuka7875@gmail.com             | Renuka Ashok Yeotkar         | Sant gadge baba Amravati unversity                       | Student- ug             | 7796321948 |
| 120 | 5/5/2020 14:47 | ashutosh.budhdeo@somaiya.edu     | Ashutosh Kaushik Budhdeo     | K. J. Somaiya College of Science and Commerce            | Student (UG)            | 8080366307 |

|     |                |                                |                              |  |                          |            |
|-----|----------------|--------------------------------|------------------------------|--|--------------------------|------------|
| 121 | 5/5/2020 14:47 | vaishnaviyeotkar2520@gmail.com | Vaishnavi Pramod Yeotkar     | Sant Gadage baba Amravati university   | Student UG               | 9921024276 |
| 122 | 5/5/2020 14:47 | samir.sethi@somaiya.edu        | samir                        | K. J.Somaiya College of Science and Commerce                                   | Student (UG)             | 7506995621 |
| 123 | 5/5/2020 14:47 | mangeshkarhale2020@gmail.com   | Mangesh santosh karhale      | Late ku durga k banmeru science collage lonar                                  | UG                       | 7066790506 |
| 124 | 5/5/2020 14:49 | yashnahata824@gmail.com        | Yash tarachand nahata        | School   | Student                  | 7350144306 |
| 125 | 5/5/2020 14:54 | djbhagat247@gmail.com          | DEEPAK JALINDAR BHAGAT       | Nehru Mahavidyalaya, Nerparsopant, Dist. Yavatmal.                             | Assistant Professor      | 9922229188 |
| 126 | 5/5/2020 14:55 | neha123years@gmail.com         | Neha K Rukhmode              | N.H. college brahmapuri  | Professor                | 7218401568 |
| 127 | 5/5/2020 14:56 | akshayingawale1@gmail.com      | Akshay Sanjay Ingawale       | Rajaram College, Kolhapur.   | Student                  | 9561892155 |
| 128 | 5/5/2020 14:57 | poojaguhilot303@gmail.com      | Dr.Pooja s Thakur            | Yeshwant Mahavidalaye Nanded   | Assistant Professor      | 9604518046 |
| 129 | 5/5/2020 14:57 | rajeshpedhekar@gmail.com       | Rajesh Bapuraoji Pedhekar    | M. J. Fule Commerce, Science and V. Raut Arts College, Bhatkuli Dist. Amravati | Assistant Professor      | 9420833128 |
| 130 | 5/5/2020 14:58 | pavangavande750@gmail.com      | Pavan Mahadu Gavande         | Clg  | Ug                       | 9145707481 |
| 131 | 5/5/2020 14:58 | rutujapatil8214@gmail.com      | Rutuja Patil                 | Rajaram college kolhapur   | Student                  | 8983444477 |
| 132 | 5/5/2020 15:00 | rambankar9192@gmail.com        | Rameshwar Shivaji Bankar     | Shri Shivaji College Motala  | Assistant Professor      | 9011576272 |
| 133 | 5/5/2020 15:04 | kalyaniraut0205@gmail.com      | Kalyani Tejram Raut          | Ssj  | Student                  | 9405103162 |
| 134 | 5/5/2020 15:04 | radhika.burande@gmail.com      | Radhika Rajendra Burande     | Rajaram college Kolhapur   | Student (UG)             | 7385060429 |
| 135 | 5/5/2020 15:09 | pandeyanand631@gmail.com       | Pandey Anand kumar           | Rj college   | Student                  | 9.1977E+11 |
| 136 | 5/5/2020 15:09 | snehaven20@gmail.com           | Sneha Rajesh Vengurlekar     | K J Somaiya college of science and commerce                                    | Student (UG)             | 7719961972 |
| 137 | 5/5/2020 15:10 | madhuradesai5677@gmail.com     | Madhura Rajendra Desai       | Rajaram college, Kolhapur  | Student UG               | 9423770631 |
| 138 | 5/5/2020 15:11 | nitish18kumnar@gmail.com       | Nitish Kumar                 | R.J College  | B.Sc phy.                | 9137688678 |
| 139 | 5/5/2020 15:13 | kalpana.nagle@gmail.com        | Kalpana Nagde                | Institute of science Nagpur  | Assistant Professor      | 9370196297 |
| 140 | 5/5/2020 15:14 | jadhavomkar283@gmail.com       | Omkar Jadhav                 | R.J college  | UG                       | 7045758984 |
| 141 | 5/5/2020 15:15 | alankar.kamble15@gmail.com     | Alankar kumarmangalam kamble | Rajaram college , Kolhapur.  | UG                       | 7666713893 |
| 142 | 5/5/2020 15:15 | rasikmanve1@gmail.com          | Rasik                        | R.J. college   | Student                  | 9326443725 |
| 143 | 5/5/2020 15:17 | akashzoldyck712@gmail.com      | Akash kumar singh            | Mumbai university  | Student(M.Sc first year) | 9769102413 |
| 144 | 5/5/2020 15:19 | ravikeshari292@gmail.com       | Ravishankar keshari          | R.J. college   | Student                  | 9833392662 |
| 145 | 5/5/2020 15:19 | vidyapsangle2017@gmail.com     | Ku Vidya Pandurang Sangle    | SGBAU  | Student                  | 7057158389 |

|     |                |                                 |                                  |  |                              |            |
|-----|----------------|---------------------------------|----------------------------------|--|------------------------------|------------|
| 146 | 5/5/2020 15:20 | prasadbacche01@gmail.com        | Prasad Dashrath Bacche           | Pune vidyarthi griha's collage of science and technology | Student                      | 7977089248 |
| 147 | 5/5/2020 15:21 | shanukhan2798@gmail.com         | Khan Shaheen bano<br>Hisamuddin  | Kalina Mumbai University                                 | Student (PG)                 | 9819972926 |
| 148 | 5/5/2020 15:22 | abhishek.no.1997@gmail.com      | Abhishek Roy                     | Regional Institute of Education, Bhubaneswar             | UG Student                   | 9.1892E+11 |
| 149 | 5/5/2020 15:22 | pallavi.saharan9@gmail.com      | Pallavi                          | MH   | Student                      | 8769026281 |
| 150 | 5/5/2020 15:22 | jayamirani2001@gmail.com        | Jaya mieani                      | No any institution                                       | Student( ug)                 | 7028369366 |
| 151 | 5/5/2020 15:23 | harinisrao2010@gmail.com        | Harini S Rao                     | NIE First Grade college                                  | UG                           | 9901368197 |
| 152 | 5/5/2020 15:23 | nalininagpure16@gmail.com       | Nalini Kewalram Nagpure          | Vnit nagpur  | PG                           | 9923268436 |
| 153 | 5/5/2020 15:23 | Shahid0452@gmail.com            | Mohammad shahid ansari           | University department of physics mumbai university       | Student (PG)                 | 8652319409 |
| 154 | 5/5/2020 15:24 | madannegi25@gmail.com           | Madan Singh Negi                 | Oceanic International School                             | Teacher                      | 9997046883 |
| 155 | 5/5/2020 15:24 | v.pattankattiyar@somaiya.edu    | PATTANKATTIYAR<br>VARSHA MURUGAN | K J Somaiya College of Science and Commerce              | Student UG                   | 9.1836E+11 |
| 156 | 5/5/2020 15:25 | goswamiaakash92@gmail.com       | Akash Manoj Goswami              | PCI private limited                                      | Engineer                     | 8087531521 |
| 157 | 5/5/2020 15:25 | tinabhagat15031998@gmail.com    | Shraddha Lokram Bhagat           | SGBAU  | PG                           | 7218126240 |
| 158 | 5/5/2020 15:26 | sushmapardhi500@gmail.com       | Sushma Purushottam Pardhi        | Nevjabai Hitkarini college                               | Student (UG)                 | 7743973205 |
| 159 | 5/5/2020 15:26 | keerthitn9@gmail.com            | Keerthi T N                      | Kristu Jayanti College Autonomous                        | UG student                   | 8431789587 |
| 160 | 5/5/2020 15:27 | asad17parihar@gmail.com         | Asad Parihar                     | University of Mumbai                                     | Student (post graduate)      | 9867118048 |
| 161 | 5/5/2020 15:27 | arysin86@gmail.com              | LOKENDRA SINGH                   | KNIT Sultanpur   | Student                      | 9794487203 |
| 162 | 5/5/2020 15:28 | vrindaspisharadi@gmail.com      | Vrinda S Pisharodi               | NSS College Manjeri                                      | UG student                   | 9526385580 |
| 163 | 5/5/2020 15:28 | lakshmikrishnan012001@gmail.com | AISWARYA LAKSHMI K               | Sri Akilandeshwari Women's college, Wandiwash.           | UG Student                   | 8903426989 |
| 164 | 5/5/2020 15:30 | shaikh.n8286@gmail.com          | Shaikh namira shakil             | Kj somaiya college of science and commerce               | Student UG                   | 9137794297 |
| 165 | 5/5/2020 15:30 | tanveerbhat244@gmail.com        | Dr Tanveer Ahmad Bhat            | Government Degree college Baramulla (Jammu & kashmir)    | Physical Training Instructor | 9419425942 |
| 166 | 5/5/2020 15:31 | jg967373@gmail.com              | JYOTI MAYARAM<br>GUPTA           | Viva college mumbai university                           | Pg student                   | 9.1879E+11 |

|     |                |                                   |                            |  |                  |            |
|-----|----------------|-----------------------------------|----------------------------|--|------------------|------------|
| 167 | 5/5/2020 15:31 | Apoorvtripathi7253@gmail.com      | Apoorv Tripathi            | Shivaji College,University of Delhi                              | Student(UG)      | 9.184E+11  |
| 168 | 5/5/2020 15:32 | auvish1924@gmail.com              | Aishwarya Vishwakarma      | University of Mumbai   | Student (PG)     | 9130872351 |
| 169 | 5/5/2020 15:32 | vineetsingh7237@gmail.com         | Vineet Durga Prasad singh  | Rajaram collage  | Student (UG)     | 8840258988 |
| 170 | 5/5/2020 15:32 | shivamsharma5396@gmail.com        | Shivam Sharma              | St Johns College Agra  | UG Student       | 7017053184 |
| 171 | 5/5/2020 15:32 | jadimraj88@gmail.com              | rajkumar yadav             | Rajasthan technical University kota                              | Student          | 8104491266 |
| 172 | 5/5/2020 15:32 | saurabh.nandagawali1101@gmail.com | Saurabh Ashok Nandagawali  | Rtm nagpur university  | Student          | 7620671857 |
| 173 | 5/5/2020 15:33 | preeti yadav4864@gmail.com        | Preeti Paras Yadav         | K J Somaiya Of Science And Commerce                              | Student          | 9702640224 |
| 174 | 5/5/2020 15:33 | saurabhimp@yahoo.co.in            | SAURABH RAJVANSHI          | IIT Roorkee  | Student (PG)     | 9969228729 |
| 175 | 5/5/2020 15:34 | subhajitmaity931996@gmail.com     | Subhajit Maity             | Techno india college of technology, Newtown Kolkata ,West Bengal | Student (UG)     | 7685077672 |
| 176 | 5/5/2020 15:35 | meenashub14@gmail.com             | Shubham Meena              | University of kota   | Student (UG)     | 8441033182 |
| 177 | 5/5/2020 15:36 | akshaysingh.astro@gmail.com       | Akshay Manoj Singh         | Department of Physics,University of Mumbai                       | PG student       | 7507620738 |
| 178 | 5/5/2020 15:36 | sahilmankar250@gmail.com          | Shashim rajendra mankar    | Jagadamba Mahavidyalaya achalpur                                 | Student pg       | 9860468215 |
| 179 | 5/5/2020 15:38 | jaypalsakhare34@gmail.com         | Jaypal Pravin Sakhare      | Taywade College Koradi   | Student (PG)     | 8805237509 |
| 180 | 5/5/2020 15:39 | jyotigwalani48595@gmail.com       | Jyoti Parmanand Gwalani    | RLT college of science Akola                                     | Student UG       | 9834134388 |
| 181 | 5/5/2020 15:39 | poojakaushaki930@gmail.com        | Pooja kaushaki             | Sarojini Naidu Vanita Maha Vidyalaya                             | Student PG       | 7330884311 |
| 182 | 5/5/2020 15:41 | rushabhsirsat1999@gmail.com       | Rushabh Sanjay sirsat      | Late ku.durga k.banmeru science College Lonar                    | Student          | 9604040578 |
| 183 | 5/5/2020 15:42 | raosrikanth1974@gmail.com         | Adithya S Rao              | Government College for boys Nanjangud                            | PUC              | 9036291752 |
| 184 | 5/5/2020 15:42 | krushnaraval2972000@gmail.com     | krushna raval              | lukhdhirji engineering college                                   | student (UG)     | 9664928176 |
| 185 | 5/5/2020 15:44 | vaibhavw252@gmail.com             | Vaibhav Nageshwar Wagh     | B . N. Bandodkar College of Science                              | Student ( PG )   | 9594491834 |
| 186 | 5/5/2020 15:44 | ybakshi14@gmail.com               | Yash Bakshi                | Government Engineering College                                   | Student(UG)      | 7415299439 |
| 187 | 5/5/2020 15:45 | gigurugiguru2@gmail.com           | T.S. Gururaja              | Bishop Heber College Tiruchirappalli                             | Student UG       | 7871669730 |
| 188 | 5/5/2020 15:45 | navedshaikh2308@gmail.com         | Shaikh naved shaikh kashif | Lkdk science college lonar                                       | Student          | 8421872699 |
| 189 | 5/5/2020 15:48 | anuradha.kamble@gmail.com         | Anuradha Mohan Kamble      | College of engineering Pune                                      | Graduate student | 8485072438 |
| 190 | 5/5/2020 15:49 | aishwarya.borkar@somaiya.edu      | Aishwarya Madan.Borkar     | K.J.Somaiya College of Science and Commerce                      | Student UG       | 8108986142 |
| 191 | 5/5/2020 15:50 | saritajangale191@gmail.com        | Sarita krushna jangle      | Mumbai university  | PG               | 7709668220 |
| 192 | 5/5/2020 15:53 | satyamm1915@gmail.com             | Satyam Mishra              | BN Bandodkar college of science                                  | Student(PG)      | 7715919321 |

|     |                |                                |                               |   |                     |            |
|-----|----------------|--------------------------------|-------------------------------|---|---------------------|------------|
| 193 | 5/5/2020 15:54 | haripriya.lugphysics@gmail.com | Haripriya.U.G                 | Sri Akilandeshwari women's college                    | UG student          | 6379450177 |
| 194 | 5/5/2020 15:54 | tarunbajpai12@yahoo.com        | TARUN BAJPAI                  | Gautam Buddha University                              | Student (PG)        | 9643823661 |
| 195 | 5/5/2020 15:55 | tanmaymelanta@gmail.com        | Tanmay Melanta                | University of Mumbai                                  | Student (PG)        | 7738321398 |
| 196 | 5/5/2020 15:55 | pearl6jumana65@gmail.com       | Jumana Khanjiwala             | University of Mumbai                                  | Student (UG)        | 9594961293 |
| 197 | 5/5/2020 15:55 | abhishri526@live.com           | Abhijeet Ravindra Powar       | Seti  | Student             | 9890185824 |
| 198 | 5/5/2020 15:56 | rwadhwa10001@gmail.com         | Rashi Wadhwa                  | University of Delhi                                   | Student (UG)        | 7011695128 |
| 199 | 5/5/2020 15:57 | www.pavantejan2222@gmail.com   | Pavan Dattatray Tejankar      | L.k.d.k.science College lonar                         | Student             | 7249865506 |
| 200 | 5/5/2020 16:00 | shreyasawant1209@gmail.com     | SAWANT SHREYA<br>SUDHIR       | Sies college,Sion,mumbai                              | Student(pg)         | 8451856149 |
| 201 | 5/5/2020 16:01 | deshmukhjyoti812@gmail.com     | shruti shripad deshmukh       | RLT COLleGe   | ug                  | 9404105006 |
| 202 | 5/5/2020 16:03 | sakshi.yadav@somaiya.edu       | Sakshi Yadav                  | K.J.Somaiya College of science and commerce           | Student ug          | 7700028260 |
| 203 | 5/5/2020 16:05 | sachinrajput0056@gmail.com     | Sachin Sahebrao Rajput        | B N Bandodkar college of science                      | Student             | 8169452912 |
| 204 | 5/5/2020 16:06 | manaskarnik09@gmail.com        | Manas Manoj Karnik            | University of Mumbai                                  | Student             | 9833053290 |
| 205 | 5/5/2020 16:12 | samikshawankhade2428@gmail.com | Samiksha Rahul Wankhade       | S.G.B.A.U   | UG                  | 7887973304 |
| 206 | 5/5/2020 16:13 | shwetapowar692@gmail.com       | Shweta shashikant powar       | Rajaram college kolhapur                              | Student             | 9764350022 |
| 207 | 5/5/2020 16:14 | prabhu.gopal3@gmail.com        | Gopalkrishna Prabhu           | Mumbai University                                     | Student PG          | 9867433208 |
| 208 | 5/5/2020 16:17 | abhi2718@gmail.com             | Dr. Abhijit O. Chauhan        | Vidya Bharati Mahavidyalaya, Amravati                 | Assistant Professor | 9561836643 |
| 209 | 5/5/2020 16:17 | anilmarkhelkar@gmail.com       | Godnare Anil Hanmantrao       | M. J. P. M. Mukhed Dist Nanded                        | Teacher             | 9421849319 |
| 210 | 5/5/2020 16:18 | unnatideshmukh9@gmail.com      | Unnati Vilas Deshmukh         | Santgadgebaba Amaravati University                    | Student (UG)        | 8459776420 |
| 211 | 5/5/2020 16:19 | abhirampadelkar07@gmail.com    | Abhishek Ramanand<br>Padelkar | RJ college, Mumbai                                    | Student UG          | 7304701196 |
| 212 | 5/5/2020 16:20 | govind.kumar102264@gmail.com   | Govind kumar                  | Aligarh Muslim University                             | M.Sc (physics)      | 8865886296 |
| 213 | 5/5/2020 16:21 | kshitijsingh22559@gmail.com    | Singh Kshitij Sanjay          | St. Xavier's Autonomous college, Mumbai               | Student (UG)        | 9082464828 |
| 214 | 5/5/2020 16:22 | ashusarkate2000@gmail.com      | Ashvini Baban Sarkate         | Late.Ku.Durga.K.Banmeru Science College               | Student             | 8378034557 |
| 215 | 5/5/2020 16:23 | shreyashvpanchal12@gmail.com   | Shreyash Panchal              | National center for Nano sciences and nano technology | Student             | 9930731939 |

|     |                |                                |   |  |                  |            |
|-----|----------------|--------------------------------|---|--|------------------|------------|
| 216 | 5/5/2020 16:23 | sufiya.khan@somaiya.edu        | KHAN SUFIYA<br>KHATOON IMTIYAZ<br>AHMED | kj somaiya science and commerce college          | student          | 7506601368 |
| 217 | 5/5/2020 16:23 | sagarnkhotkar@gmail.com        | Sagar Nanasaheb Khotkar                 | Aurangabad                                       | Students         | 9028857386 |
| 218 | 5/5/2020 16:24 | csagnik4@gmail.com             | Sagnik Chatterjee                       | St. Paul's Cathedral Mission College             | Undergraduate    | 9748168126 |
| 219 | 5/5/2020 16:25 | aartikatore80@gmail.com        | Aarti Dnyaneshwar Katore                | R. L.T College of Science akola                  | UG               | 9850862369 |
| 220 | 5/5/2020 16:26 | shubhamj9454@gmail.com         | SHUBHAM JAISWAL                         | Aligarh Muslim University                        | PG               | 9454582281 |
| 221 | 5/5/2020 16:27 | swapnilr221995@gmail.com       | Swapnil Ramesh Rao Sawant               | Vidya bharti mahavidyalaya Amravati              | CHB teacher      | 8600470859 |
| 222 | 5/5/2020 16:29 | penchakumar@gmail.com          | PRITAM KAYAL                            | INDIRA GANDHI NATIONAL OPEN<br>UNIVERSITY        | STUDENT(UG)      | 8240685182 |
| 223 | 5/5/2020 16:30 | mhaisagarshrikrushna@gmail.com | Shrikrushna vitthal<br>Mhaisagar        | Smt.g.g.khadse college muktainagar               | Student          | 7030052636 |
| 224 | 5/5/2020 16:31 | aparnarao1210@gmail.com        | Aparna Rao                              | SIES College of Arts, Science and Commerce.      | Student          | 7738938699 |
| 225 | 5/5/2020 16:32 | ankit12@somaiya.edu            | ANKIT A SINGH                           | K J SOMAIYA COLLEGE OF SCI &<br>COMM             | Student(UG)      | 8108553971 |
| 226 | 5/5/2020 16:32 | dubeyshivam1321@gmail.com      | Shivam Shrawan Dubey                    | Shri SK Somaiya Vinay Mandir & Junior<br>College | Student (UG)     | 9152445758 |
| 227 | 5/5/2020 16:34 | sadaf.rafiq.688@gmail.com      | Sadaf Rafique                           | Aligarh Muslim University, Aligarh               | Student(UG)      | 9760804986 |
| 228 | 5/5/2020 16:34 | numafatmisiddiqui@gmail.com    | Numa Fatmi                              | Aligarh Muslim university                        | Student (PG)     | 7355438144 |
| 229 | 5/5/2020 16:35 | mamtaagrahari2801@gmail.com    | Mamta C.P. Agrahari                     | R.J. College (Ghatkopar)                         | Student (PG)     | 8767385989 |
| 230 | 5/5/2020 16:35 | shabana16@somaiya.edu          | SHABANA SARFUDDIN<br>SHAIKH             | KJ Somaiya College of Science and<br>Commerce    | Student          | 9987595971 |
| 231 | 5/5/2020 16:36 | kumaramit659@gmail.com         | Amit Kumar                              | WBUT   | Professional     | 7872634796 |
| 232 | 5/5/2020 16:38 | sagarpinky777@gmail.com        | Pinky Sagar                             | Banaras hindu University                         | research scholar | 9565325808 |
| 233 | 5/5/2020 16:39 | mlaxmanvmani@gmail.com         | M LAXMAN                                | NIT TRICHY                                       | Student          | 9958644125 |
| 234 | 5/5/2020 16:39 | mmsajad107@myamu.ac.in         | MOHMAD MURTAZA<br>SAJAD                 | ALIGARH MUSLIM UNIVERSITY                        | M.Sc(Physics)    | 7006267001 |
| 235 | 5/5/2020 16:41 | 360mayanksee@gmail.com         | Mayank Shukla                           | Goel Institute of Technology and Management      | Student          | 9.1994E+11 |
| 236 | 5/5/2020 16:41 | vedantchaudhari86@gmail.com    | Vedant kailas chaudhari                 | Svs dadasaheb rawal college dondaicha            | Student-UG       | 8605766403 |
| 237 | 5/5/2020 16:42 | ps313093@gmail.com             | Pooja Singh                             | University of Mumbai                             | Student PG       | 9130893184 |

|     |                |                               |                                  |  |                            |            |
|-----|----------------|-------------------------------|----------------------------------|--|----------------------------|------------|
| 238 | 5/5/2020 16:42 | sibgatsultan20@gmail.com      | Sibgat U Lah Sibt I Sultan       | Aligarh Muslim university                                  | Student (ug)               | 9149590030 |
| 239 | 5/5/2020 16:42 | nishukhanchi10@gmail.com      | Nishu Khanchi                    | Miranda House  | Student (UG)               | 9729937130 |
| 240 | 5/5/2020 16:44 | jibranbhat9775@gmail.com      | JABRAN AYOUB BHAT                | Aligarh Muslim university                                  | UG                         | 7302100834 |
| 241 | 5/5/2020 16:44 | faheemulhaq8@gmail.com        | DAR FAHEEM UL HAQ                | Aligarh Muslim University                                  | Student(UG)                | 7006073327 |
| 242 | 5/5/2020 16:45 | priyanagpal32@gmail.com       | Priya                            | Miranda house  | Student (UG)               | 9643833667 |
| 243 | 5/5/2020 16:45 | sumantkulkarni777@gmail.com   | Sumant Sanjay Kulkarni           | Rajaram college, kolhapur.                                 | Student                    | 9075740603 |
| 244 | 5/5/2020 16:47 | medhasharma3250@gmail.com     | Medha Sharma                     | AMU  | Student                    | 9.1827E+11 |
| 245 | 5/5/2020 16:47 | bhagwannagre57392@gmail.com   | Disha Bhagwan Nagre              | lkdkb science clg lonar                                    | student ( UG)              | 9011274169 |
| 246 | 5/5/2020 16:47 | monishaalam786@gmail.com      | Mohd Monish                      | Aligarh Muslim University                                  | Student (PG)               | 9997716694 |
| 247 | 5/5/2020 16:48 | bahudin710@gmail.com          | Bahudin Farooq                   | Amu  | Bsc(Hons) physics Ist year | 6006200653 |
| 248 | 5/5/2020 16:49 | khushishukla.office@gmail.com | Khushi Shukla                    | RANI LAXMI BAI Memorial School                             | Student                    | 9.1809E+11 |
| 249 | 5/5/2020 16:49 | amansng40@gmail.com           | Amankumar singh                  | Standard 12th  | Student                    | 8452099371 |
| 250 | 5/5/2020 16:49 | raj.ajay6028@gmail.com        | Ajay Raj                         | Aligarh Muslim University                                  | Student PG                 | 9.1876E+11 |
| 251 | 5/5/2020 16:51 | souravghosh999888@gmail.com   | Sourav Ghosh                     | Sahibganj College  | Student(UG)                | 7004731265 |
| 252 | 5/5/2020 16:52 | musharraf3546@gmail.com       | Musharaf Maqbool                 | Aligarh muslim university                                  | Student (UG)               | 7051463546 |
| 253 | 5/5/2020 16:52 | muleneha62@gmail.com          | Neha vishvnath mule              | Bsc first  | Student                    | 8080302544 |
| 254 | 5/5/2020 16:53 | caesar7.me@gmail.com          | Soham Kapadia                    | Sardar Vallabhbhai National Institute of Technology, Surat | Student (UG)               | 8200462004 |
| 255 | 5/5/2020 16:54 | poojawagh2293@gmail.com       | Pooja Panjabrao Wagh             | Sanmati college of Education Washim                        | M.Sc. B.ed FY              | 9011683190 |
| 256 | 5/5/2020 16:55 | priyapandotra726@gmail.com    | Priya                            | Aligarh muslim university                                  | UG (B.Sc.)                 | 7508834827 |
| 257 | 5/5/2020 16:56 | prakharkamthan@gmail.com      | Prakhar Kamthan                  | O P Jindal School Raigarh                                  | Student (UG)               | 9575952665 |
| 258 | 5/5/2020 16:57 | samreenshekh58@gmail.com      | Samreen Taslim Shekh             | L.P.G. College shirpur                                     | student                    | 7057175765 |
| 259 | 5/5/2020 17:00 | peerzadajunaidahmad@gmail.com | peerzada junaid ahmad            | Aligarah muslim university                                 | UG                         | 9622953477 |
| 260 | 5/5/2020 17:01 | rkchaudhari64@gmail.com       | Dr. Rajendra Kashinath Chaudhari | S.V.S's Dadasaheb Rawal College Dondaicha                  | Associate professor        | 9422619740 |
| 261 | 5/5/2020 17:03 | yuktap07@gmail.com            | Yukta Parab                      | Mumbai institution   | Students UG                | 8425809464 |
| 262 | 5/5/2020 17:04 | krupalithakur11@gamil.com     | Krupali Shankar Thakur           | Model college of science                                   | Student                    | 8928143868 |
| 263 | 5/5/2020 17:06 | rupakhota@gmail.com           | Shashwat hota                    | Jitm   | Student (UG)               | 9935622900 |
| 264 | 5/5/2020 17:08 | shreya0301sharma@gmail.com    | Shreya Sharma                    | AMU  | Student                    | 7599489075 |

|     |                |                                 |                                 |   |                                       |            |
|-----|----------------|---------------------------------|---------------------------------|---|---------------------------------------|------------|
| 265 | 5/5/2020 17:10 | akash.kasturiya@somaiya.edu     | Akash Kasturiya                 | K.J Somaiya College of Science and Commerce   | Student UG                            | 8169243825 |
| 266 | 5/5/2020 17:10 | shivangchhikara@gmail.com       | Shivang Chhikara                | Delhi Technological University                | Undergraduate                         | 9582085724 |
| 267 | 5/5/2020 17:10 | mahadebsahams5@gmail.com        | Mahadeb Saha                    | West Bengal State university                  | Student (UG)                          | 9330343364 |
| 268 | 5/5/2020 17:13 | ashwinashwin1978@rediffmail.com | Ashwin Prabhakar Rao Pachkawade | Rakarshee Shahu Science College, Chandur Rly  | Assistant Professor and Head          | 8983285802 |
| 269 | 5/5/2020 17:14 | contactphysicshod@gmail.com     | Selvakumar. S                   | Sri Akilandeswari Womens College, Wandiwash   | Head & Assistant Professor of Physics | 7094497164 |
| 270 | 5/5/2020 17:14 | nsghuge99@gmail.com             | Nikhil Santoshrao Ghuge         | S.S.S.K.R. Innani Mahavidyalay Karanja lad    | Students                              | 9145607103 |
| 271 | 5/5/2020 17:15 | mohitshrivastav501@gmail.com    | Mohit Shrivastav                | R.J college                                   | Student (UG)                          | 8286982124 |
| 272 | 5/5/2020 17:15 | ashimsabat6@gmail.com           | Ashim Kumar Sabat               | Steel   | GM                                    | 9337415813 |
| 273 | 5/5/2020 17:21 | dask75956@gmail.com             | Kingshuk Das                    | Uluberia college                              | UG                                    | 9123720858 |
| 274 | 5/5/2020 17:23 | chitrasanjeevi@gmail.com        | S.CHITRA                        | SRI AKILANDESWARI WOMEN'S colleges            | UG STUDENTS                           | 7339009480 |
| 275 | 5/5/2020 17:24 | siddhesh.vn@somaiya.edu         | Siddhesh Naik                   | K.J Somaiya College Of Science And Commerce   | Student(UG)                           | 9167209735 |
| 276 | 5/5/2020 17:26 | shubhangidhore14@gmail.com      | Shubhangi Shivdas Dhore         | RLT college of science Akola                  | Student (UG)                          | 9146872947 |
| 277 | 5/5/2020 17:28 | Shubhangi.gudade@gmail.com      | shubhangi Gautam Gudade         | malegao                                       | UG                                    | 8888612525 |
| 278 | 5/5/2020 17:31 | vimalavelamy050@gmail.com       | Vimala.V                        | Sri Akilandeswari Women's College Wandiwash   | student UG                            | 8300185110 |
| 279 | 5/5/2020 17:38 | bangadpavika190@gmail.com       | Pavika Maheshwari               | Aligarh Muslim University                     | Student(ug)                           | 8840174646 |
| 280 | 5/5/2020 17:40 | bernardsloop969@gmail.com       | Sudhanva Joshi                  | Sies college                                  | Student UG                            | 9819513897 |
| 281 | 5/5/2020 17:42 | mohdiqbalphy@gmail.com          | Mohd Iqbal Rather               | ALIGARH MUSLIM UNIVERSITY                     | BSC FINAL YEAR                        | 7889475254 |
| 282 | 5/5/2020 17:43 | shahparth3279@gmail.com         | parth v shah                    | SPU   | PG                                    | 8238816058 |
| 283 | 5/5/2020 17:49 | aparnaahire12@gmail.com         | Aparna vithoba ahire            | B.N.Bandodkar college of science              | Student (PG)                          | 9867708168 |
| 284 | 5/5/2020 17:53 | mamtaskhadakkar@gmail.com       | Mamta santosh khadakkar         | Late ku durga banmeru science college         | Student                               | 9175313425 |
| 285 | 5/5/2020 17:53 | akshayingle10440@gmail.com      | Akshay Kailas Ingle             | Shri RLT college of science , Akola           | Student UG                            | 8975542176 |
| 286 | 5/5/2020 17:54 | priteetawalare@gmail.com        | Pritee Kishor Tawalare          | Jagadamba mahavidyalaya Achalpur city         | Assistant professor                   | 9503381903 |
| 287 | 5/5/2020 17:56 | rubee1702@gmail.com             | Rubee Soni                      | CLC college dhamdha (chhatishgarh)            | UG Student                            | 9.1627E+11 |
| 288 | 5/5/2020 17:56 | bhavanbhavna31@gmail.com        | Bhavna shekhar bhavan           | Late ku. Durga banmeru science college, lonar | Mr. shaikh sir                        | 7385460142 |



|     |                |                             |                                 |  |                     |            |
|-----|----------------|-----------------------------|---------------------------------|--|---------------------|------------|
| 289 | 5/5/2020 17:59 | sreelaxmipv1999@gmail.com   | Sreelaxmi Nair                  | K.J.Somaiya College of Science and Commerce                | Ug student          | 9082655833 |
| 290 | 5/5/2020 18:01 | anupkarekar446@gmail.com    | Anup Shailesh Karekar           | Rajaram College, Kolhapur.                                 | UG                  | 9130313005 |
| 291 | 5/5/2020 18:02 | sathyaellumala@gmail.com    | SATHYA.E                        | Student  | UG student          | 7397074860 |
| 292 | 5/5/2020 18:03 | surajkumar121112@gmail.com  | Suraj kumar                     | Jee zone   | Student             | 9876543210 |
| 293 | 5/5/2020 18:05 | nandanabhishek10@gmail.com  | Abhishek Suresh Nandan          | K J SOMAIYA INSTITUTE OF SCIENCE AND COMMERCE              | Student (UG)        | 9967339878 |
| 294 | 5/5/2020 18:05 | ChavanKhushal8@gmail.com    | Ritali Shankar Chavan           | LPG college  | Student Bsc1 year   | 7498669305 |
| 295 | 5/5/2020 18:12 | harsh.nandu2@gmail.com      | Harsh talakshi nandu            | National college of nanoscience and nanotechnology         | None                | 9769002828 |
| 296 | 5/5/2020 18:15 | pkchavhan2019@gmail.com     | Prachi kisan chavhan            | Rlt akola  | Student (UG)        | 9890263484 |
| 297 | 5/5/2020 18:17 | poojapatil8840@gmail.com    | Pooja Pandurang Patil           | Rajaram college kolhapur                                   | Student             | 9096904873 |
| 298 | 5/5/2020 18:21 | abhishekdabre@gmail.com     | Abhishek Krushnrao Dabre        | Department of Mathematics, SGBAU, Amravati                 | Lecturer            | 8888697936 |
| 299 | 5/5/2020 18:23 | farazmehdi786@gmail.com     | Syed Faraz Mohd Mehdi           | University of Mumbai                                       | PG Student          | 9699767960 |
| 300 | 5/5/2020 18:27 | virendramourya@recabn.ac.in | VIRENDRA KUMAR MOURYA           | RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR, UTTAR PRADESH | RESEARCH SCHOLAR    | 9454646491 |
| 301 | 5/5/2020 18:30 | anjali.mawale@gmail.com     | Anjali Ram Mawale               | G.S.College Khamgaon                                       | Assistant professor | 7083230812 |
| 302 | 5/5/2020 18:32 | darshitsinh111@gmail.com    | DARSHITSINH RITENDRASINH PARMAR | Gujarat university   | PG                  | 9998444933 |
| 303 | 5/5/2020 18:32 | vrinda.jdk@gmail.com        | vrinda garg                     | Delhi University   | M.Sc student        | 9650934426 |
| 304 | 5/5/2020 18:33 | sami.jadhav777@gmail.com    | SAMIKSHA SANJAY JADHAV          | KJSSC VIDYAVIHAR MUMBAI                                    | STUDENT UG          | 9870793293 |
| 305 | 5/5/2020 18:34 | komalgaykwad2310@gmail.com  | Komal Gaykwad                   | Bsc2   | UG                  | 9923756665 |
| 306 | 5/5/2020 18:40 | tiwarichandan653@gmail.com  | Chandankumar Sanjay Tiwari      | Bharati Vidyapeeth College of Engineering                  | Student             | 9969437423 |
| 307 | 5/5/2020 18:40 | vkkide053@gmail.com         | Vaishnavi kide                  | S.S.S.K.R.Innani Mahavidyalaya karanja(lad)                | Student             | 9067559436 |
| 308 | 5/5/2020 18:47 | amitabha1996nita@gmail.com  | AMITABHA DEY                    | National institute of technology,AGARTALA                  | PG STUDENT          | 9774050196 |

|     |                |                              |                                  |  |                     |             |
|-----|----------------|------------------------------|----------------------------------|--|---------------------|-------------|
| 309 | 5/5/2020 18:52 | poojasapkal17@gmail.com      | Pooja lahu sapkal                | NMG college of science ,jalamb   | Teacher             | 86688 37849 |
| 310 | 5/5/2020 18:52 | minalchavhan358@gmail.com    | Minal Avinash Chavhan            | Government Institute of Science, Nagpur                                | PG                  | 8308459512  |
| 311 | 5/5/2020 18:53 | deebrose02@gmail.com         | Adeeba Imtiyaz                   | Aligarh Muslim University  | Student (UG)        | 6393436850  |
| 312 | 5/5/2020 18:53 | sangeetaahirwar413@gmail.com | Sangeeta Ahirwar                 | Miranda house  | Student UG          | 9340026108  |
| 313 | 5/5/2020 18:56 | smita.s@somaiya.edu          | Smita survase                    | k j somaiya college of science and commerce mumbai                     | asst prof           | 9220898269  |
| 314 | 5/5/2020 18:58 | rsphysics@outlook.com        | Rishabh Singhal                  | National Institute of Technology Agartala                              | Student PG          | 9.1752E+11  |
| 315 | 5/5/2020 18:58 | aashayk96@gmail.com          | Aashay Kadu                      | DG Ruparel College   | Student (UG)        | 7391896276  |
| 316 | 5/5/2020 19:01 | shubhamborkar47@gmail.com    | Shubham Sanjay Borkar            | No   | PG                  | 9765263076  |
| 317 | 5/5/2020 19:02 | sumitapatil1996@gmail.com    | Miss. Patil Sumita Suryakant     | Y.C.W.M.WARANANAGAR  | Assistant professor | 8208803492  |
| 318 | 5/5/2020 19:06 | niteshingle963@gmail.com     | NITESH SANTOSH INGALE            | Late Ku Durga K Banmeru Science College Lonar                          | SHARIQUE SHAIKH SIR | 7769935646  |
| 319 | 5/5/2020 19:07 | hrithikgupta1000@gmail.com   | Hrithik gupta                    | Kjssc  | Student ug          | 9004483155  |
| 320 | 5/5/2020 19:08 | hitesh.kotian06@gmail.com    | HITESH DINESH KOTIAN             | KJ somaiya college of science and commerce                             | Student             | 7715804619  |
| 321 | 5/5/2020 19:09 | kaushalagheda19@gmail.com    | Kaushal Agheda                   | Gujarat University   | PG                  | 9913679392  |
| 322 | 5/5/2020 19:10 | himangipandit123@gmail.com   | Pandit Himangibahen Jitendrabhai | National Institute of Technology Warangal                              | Student (PG)        | 7203928428  |
| 323 | 5/5/2020 19:12 | 17kulkarnisargam@gmail.com   | Sargam Sanjay Kulkarni           | JSPM'S Rajarshi Shahu College of Engineering Pune                      | UG student          | 8408813068  |
| 324 | 5/5/2020 19:16 | sarbajitdutta.sd@gmail.com   | Sarbajit Dutta                   | St Xaviers College   | UG Student          | 7044509629  |
| 325 | 5/5/2020 19:16 | chavhanshweta46@gmail.com    | Ku. Shweta Avinash Chavhan       | S. S. Jaiswal College Arjuni/Morgaon                                   | UG                  | 9423558209  |
| 326 | 5/5/2020 19:16 | tathehanuman123@gmail.com    | Hanuman Shriram Tathe            | Late Durga K. Banmeru Science college, Lonar                           | Student             | 7887928162  |
| 327 | 5/5/2020 19:22 | nasreenbasheer2001@gmail.com | Nasreen.B                        | Sri Akilandeswari Women's College - Wandiwash-Thiruvannamalai District | Student(UG)         | 8681950227  |
| 328 | 5/5/2020 19:25 | surfingisjam@gmail.com       | Ismat Jamil                      | Aligarh Muslim University  | Student (UG)        | 8707417184  |
| 329 | 5/5/2020 19:25 | getsumitkumarlive@gmail.com  | Sumit kumar singh                | IIT GUWAHATI   | Student(PG)         | 8368391290  |

|     |                |                               |                             |   |                             |            |
|-----|----------------|-------------------------------|-----------------------------|---|-----------------------------|------------|
| 330 | 5/5/2020 19:28 | gadgerutuj@gmail.com          | Rutuj v. Gadge              | V. G. Vaze collage of arts commerce and science                 | Student UG                  | 8454061174 |
| 331 | 5/5/2020 19:28 | sdraregankar@gmail.com        | Dr.Sachin D.Ralegankar      | Ahmednagar college Ahmednagar                                   | Associate Professor         | 9371357069 |
| 332 | 5/5/2020 19:39 | sanjanataneja15@gmail.com     | Sanjana Taneja              | Miranda House   | Student(PG)                 | 8708663157 |
| 333 | 5/5/2020 19:40 | Sarvalkarnikita@gmail.com     | Nikita bajirao sarvalkar    | Rajaram collage,kolhapur  | Student(UG)                 | 9130760612 |
| 334 | 5/5/2020 19:41 | manasi1raut@gmail.com         | Manasi Arun Raut            | Education   | UG student                  | 9420513164 |
| 335 | 5/5/2020 19:42 | tejasthakur674@gmail.com      | Tejas Satyawar Thakur       | K.J.Somaiya College of Science and Commerce                     | Student                     | 9167193461 |
| 336 | 5/5/2020 19:42 | prathmeshptil111@gmail.com    | Prathmesh Devgonda Patil    | Rajaram college Kolhapur  | Student (UG)                | 9834114354 |
| 337 | 5/5/2020 19:44 | pranali09112001@gmail.com     | Pranali Omprakash meshram   | Rastrasant tukduji Maharaj Nagpur university nagpur             | D. Chowadary                | 9766671448 |
| 338 | 5/5/2020 19:46 | pavithra1997@gmail.com        | K Bhageerathi               | Bharathiar University   | PG Student                  | 7397771517 |
| 339 | 5/5/2020 19:47 | pavithuqe@gmail.com           | PAVITHRAN M                 | Bharathiar university   | PG student                  | 8667477433 |
| 340 | 5/5/2020 19:47 | roshanijahirav@gmail.com      | Roshni Dilip Jahirav        | Late pundlikrao gawali arts and science college shirpur jain    | Student Bsc 1year           | 7744961114 |
| 341 | 5/5/2020 19:47 | musadiqlone5@gmail.com        | Musadiq Ahmed lone          | Aligarh Muslim University                                       | Student (UG)                | 6006011077 |
| 342 | 5/5/2020 19:48 | ketakikshi@gmail.com          | Ketaki Surendra Kshirsagar  | ILS law college,Pune  | Student                     | 7972407180 |
| 343 | 5/5/2020 19:48 | archanaarchu1629@gmail.com    | ARCHANA P                   | Karpagam Academy of Higher Education                            | Pg student                  | 7010097655 |
| 344 | 5/5/2020 19:49 | jitesh00009@gmail.com         | Jitesh Kumar Tehalramani    | Madhav University   | Student(PG)                 | 9782773213 |
| 345 | 5/5/2020 19:49 | 22ajinkya08@gmail.com         | Ajinkya Rajendra Kakade     | Fergusson College (Autonomous) Pune-04                          | Student(UG)                 | 8308665761 |
| 346 | 5/5/2020 19:51 | rajalakshmikummar12@gmail.com | Rajalakshmi K               | University of Madras  | Student (PG)                | 8883195731 |
| 347 | 5/5/2020 19:51 | rajputbhavesh04@gmail.com     | Bhavesh Rajpoot             | Fergusson College (Autonomous), Pune                            | Student(UG)                 | 8284918730 |
| 348 | 5/5/2020 19:52 | ananyabmk@gmail.com           | Ananya Biswas               | Maulana Azad College, Kolkata                                   | Student(UG Physics Honours) | 9748692123 |
| 349 | 5/5/2020 19:52 | kohinoor.avengerei@gmail.com  | Kohinoor Dharmalal Rajratna | Fergusson College Pune  | Student UG                  | 9503885878 |
| 350 | 5/5/2020 19:53 | reshianayat@gmail.com         | ANAYATULLAH SHAFI RASHI     | ALIGARH MUSLIM UNIVERSITY ALIGARH UP INDIA                      | UG STUDENT                  | 9682507800 |
| 351 | 5/5/2020 19:54 | geeta.mohite.1996@gmail.com   | Geeta Mohite                | Fergusson college pune  | PG                          | 7387404779 |
| 352 | 5/5/2020 19:54 | 1998sahild@gmail.com          | Sahil Deshpande             | Fergusson College, Pune   | Student (PG)                | 7775830926 |
| 353 | 5/5/2020 19:54 | yoshiveera@gmail.com          | YOSHITA KIRIT VEERA         | K. J. Somaiya College of Science and Commerce Vidyavihar Mumbai | Student                     | 8087672030 |

|     |                |                                |                         |   |                       |            |
|-----|----------------|--------------------------------|-------------------------|---|-----------------------|------------|
| 354 | 5/5/2020 19:55 | pradeepyadav36286@gmail.com    | pradeep kumar           | hindu college etawah up   | lecturer              | 8126468545 |
| 355 | 5/5/2020 19:56 | ads.amar1955@gmail.com         | Amar Kanti Pal          | Hobbist   | Retired Govt. Officer | 8420353335 |
| 356 | 5/5/2020 19:58 | sanketbangar1204@gmail.com     | Sanket Sunil Bangar     | Fergusson College, Pune.  | Student, UG           | 9850049185 |
| 357 | 5/5/2020 19:59 | satzherofu@gmail.com           | SATHISH M               | Bharathidasan University  | M.Sc Physics          | 8489337011 |
| 358 | 5/5/2020 20:00 | yasminbano95@gmail.com         | YASMIN BANO             | GUJARAT UNIVERSITY  | Student               | 9904804760 |
| 359 | 5/5/2020 20:01 | pallavi0906lale@gmail.com      | Pallavi Gajanan Lale    | S. S. S. K. R. Innani Mahavidyalaya karanja lad                   | Ug                    | 9689589294 |
| 360 | 5/5/2020 20:01 | haleemanazreen.a@somaiya.edu   | Azmi haleema nazreen    | Kj somaiya college of science and commerce                        | Student(UG)           | 9415276415 |
| 361 | 5/5/2020 20:02 | josephsaji88@gmail.com         | Joseph saji             | Cochin University of Science and Technology                       | PG Student            | 8547995873 |
| 362 | 5/5/2020 20:02 | sanjanaramteke3567@gmail.com   | Sanjana Dhanpal Ramteke | S. S. J College Arjuni/ Mor                                       | Student UG            | 7498013418 |
| 363 | 5/5/2020 20:02 | anirudh.thakar@gmail.com       | Anirudh Thakar          | Fergusson College, Pune   | UG Student            | 9689081464 |
| 364 | 5/5/2020 20:02 | biswajitdeb55@gmail.com        | Biswajit Deb            | Assam University  | Student               | 9678460615 |
| 365 | 5/5/2020 20:03 | ketprathamesh9@gmail.com       | Prathamesh Ingale       | Fergusson college   | Student (UG)          | 9763472359 |
| 366 | 5/5/2020 20:04 | supriyasound@gmail.com         | Soundarya P             | Bharathiar University   | Student (PG)          | 9080771583 |
| 367 | 5/5/2020 20:04 | bhadenishank123@gmail.com      | Nishank Eknath Bhade    | Baburaoji Gholap college sangvi pune                              | Student UG            | 9146133803 |
| 368 | 5/5/2020 20:06 | hasildixit3@gmail.com          | Hasil Dixit             | Fergusson College Pune  | Student UG            | 6377214499 |
| 369 | 5/5/2020 20:08 | d98divya@gmail.com             | DIVYA MAHESH BULBULE    | Government Vidarbha Institute of Science and Humanities, Amravati | Student (PG)          | 7448003696 |
| 370 | 5/5/2020 20:09 | sanket2mahajan22371@gmail.com  | sanket mahajan          | Fergusson college   | student               | 7721062345 |
| 371 | 5/5/2020 20:11 | sankarimariappan1998@gmail.com | SANKARI M               | BHARATHIAR UNIVERSITY   | Student               | 9080663440 |
| 372 | 5/5/2020 20:12 | adarjo@gmail.com               | Advait Arvind Joshi     | Ferguson College Pune   | Student (UG)          | 9511244193 |
| 373 | 5/5/2020 20:12 | nivetha02.selva@gmail.com      | NIVETHA S               | bharathiar university   | student               | 8903880801 |
| 374 | 5/5/2020 20:13 | bonanzasebastian98@gmail.com   | BONANZA SEBASTIAN       | NEWMAN COLLEGE, THODUPUZHA, KERALA                                | Student (PG)          | 8113812847 |
| 375 | 5/5/2020 20:13 | lesleyanotida26@gmail.com      | Lesley Anotida Zimunhu  | Shivaji University Kolhapur                                       | Student UG            | 9307473724 |
| 376 | 5/5/2020 20:13 | sagarvairalkar11@gmail.com     | Sagar Suressh Vairalkar | SIES College Arts Science & Commerce                              | UG                    | 7715917516 |
| 377 | 5/5/2020 20:13 | sanskar.r456@gmail.com         | Sanskar Vashishtha      | Fergusson College, Pune   | Student               | 8004551233 |

|     |                |                                 |                                 |   |              |            |
|-----|----------------|---------------------------------|---------------------------------|---|--------------|------------|
| 378 | 5/5/2020 20:14 | kannanckad@gmail.com            | Chaithanyakumar Acharya<br>D.G. | St.Alberts college (Autonomous) Ernakulam                                   | PG student   | 9061061880 |
| 379 | 5/5/2020 20:14 | sujithagautam@gmail.com         | Sujitha Gautam                  | Christ University   | PG           | 9488025140 |
| 380 | 5/5/2020 20:15 | vinithasoundrapandian@gmail.com | Vinitha S                       | Bharathiar University   | Student (PG) | 9791866840 |
| 381 | 5/5/2020 20:16 | vaishnavideshmukh1610@gmail.com | Vaishnavi Vijay Deshmukh        | S.S.S.K.R Innani Mahavidyalaya Karanja (Lad) Dist.Washim                    | Student UG   | 7057652370 |
| 382 | 5/5/2020 20:17 | yogeshthorat2020@gmail.com      | Yogesh Thorat                   | Fergusson college   | Student PG   | 8788622187 |
| 383 | 5/5/2020 20:17 | ravikodre1997@gmail.com         | Ravi Ashok Kodre                | Late ku durga k Banmeru k Banmeru k Banmeru k Banmeru science college Lonar | Student      | 9.1917E+11 |
| 384 | 5/5/2020 20:18 | sreeharia1729@gmail.com         | Sreehari A                      | Maharaja's college, Ernakulam, kerala                                       | PG student   | 8943314449 |
| 385 | 5/5/2020 20:19 | ajayshirote@gmail.com           | Ajay Nitin Shirote              | Ferguson College Pune   | PG Student   | 9766961915 |
| 386 | 5/5/2020 20:19 | coolomkar29@gmail.com           | Omkar Ramdas Kadam              | Ferguson College  | Student UG   | 8999847219 |
| 387 | 5/5/2020 20:20 | shweta.j1897@gmail.com          | Shweta Jain                     | National institute of technology,Tiruchirappalli                            | Student      | 9871536614 |
| 388 | 5/5/2020 20:21 | manishat7498@gmail.com          | Manisha Tiwari                  | Somaiya vidyavihar Mumbai   | Student UG   | 7498441037 |
| 389 | 5/5/2020 20:21 | pankajimp2000@gmail.com         | Pankaj Yadav                    | Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur U. P.                  | Student (UG) | 6307956844 |
| 390 | 5/5/2020 20:21 | jayesh.d.saraswat@gmail.com     | Jayesh Manoj Saraswat           | SP College, Pune  | UG           | 7720898751 |
| 391 | 5/5/2020 20:21 | shivnidighe1998@gmail.com       | Shivani Sanjay Dighe            | Fergusson college Pune  | PG           | 8805084709 |
| 392 | 5/5/2020 20:21 | shravanisardeshpande@gmail.com  | Shravani Sardeshpande           | Fergusson College, Pune   | Student(UG)  | 7744052504 |
| 393 | 5/5/2020 20:22 | vaishnavikarde2017@gmail.com    | Vaishnavi Subhashrao karde      | S. S. S. K. R. INNANI MAHAVIDYALAYA KARANJA (LAD)                           | UG           | 9130431499 |
| 394 | 5/5/2020 20:22 | suhasbarad8539@gmail.com        | Suhas Bajirao Barad             | Rajaram college   | Student      | 8605568056 |
| 395 | 5/5/2020 20:23 | kowsalyajayaraman01@gmail.com   | KOWSALYA.J                      | Sri Akilandeshwari women's college  | Student UG   | 9600688765 |
| 396 | 5/5/2020 20:23 | ancherianisha@gmail.com         | Nisha Ancheria                  | Gujarat University  | PG Student   | 9737776873 |
| 397 | 5/5/2020 20:24 | abiarunachalam49@gmail.com      | B.S.ARUNACHALAM                 | University of Madras  | PG Student   | 8825808476 |
| 398 | 5/5/2020 20:26 | ameysambarkar@gmail.com         | Ameys Sambarkar                 | City international school   | Student      | 7498916438 |
| 399 | 5/5/2020 20:27 | aiswaryab264@gmail.com          | Aiswarya B                      | Christian college chengannur  | Student (PG) | 9497839314 |
| 400 | 5/5/2020 20:27 | ketaki.gunjawate1998@gmail.com  | Ketaki Vijaykumar<br>Gunjawate  | Fergusson College, Pune   | PG student   | 9689372695 |

|     |                |                                  |                               |   |                     |            |
|-----|----------------|----------------------------------|-------------------------------|---|---------------------|------------|
| 401 | 5/5/2020 20:28 | navin.singh.m34@gmail.com        | Navin                         | Science   | Student ug          | 9082354907 |
| 402 | 5/5/2020 20:33 | bhakti.thorve@somaiya.edu        | BHAKTI KRISHNA THORVE         | K.J.SOMAIYA COLLEGE OF SCIENCE AND COMMERCE         | Students (UG)       | 9145151250 |
| 403 | 5/5/2020 20:36 | vaishualone2000@gmail.com        | Vaishnavi Pradip Alone        | SSSKR Innani mahavidhyalay                          | Student UG          | 9359114223 |
| 404 | 5/5/2020 20:37 | saranya.suguna5@gmail.com        | J SARANYA                     | Manipal Institute of Technology                     | Student (PG)        | 9788199025 |
| 405 | 5/5/2020 20:37 | Geeteshgupta07@gmail.com         | Geetesh Gupta                 | Devi Ahilya Vishwavidyalaya Indore (M.P.)           | Student (PG)        | 8871514476 |
| 406 | 5/5/2020 20:38 | shrikantnimkar@gmail.com         | Dr. Shrikant Hiwraj Nimkar    | Shri shivaji arts commerce and science college Akot | Assistant Professor | 9371597249 |
| 407 | 5/5/2020 20:38 | kp200063@gmail.com               | Kishan ShravanKumar Prajapati | R J college (Ghatkopar)                             | Student (UG)        | 9372303325 |
| 408 | 5/5/2020 20:39 | rtg3rpm@gmail.com                | Gayathri                      | ADU   | UG                  | 9488566734 |
| 409 | 5/5/2020 20:42 | krishnabhutada09710@gmail.com    | Krishna Bhutada               | Pravara Rural engineering college                   | UG                  | 9834228004 |
| 410 | 5/5/2020 20:42 | anitap51096@gmail.com            | Patel Anita Ramanbhai         | School of science                                   | Student (PG)        | 9558730882 |
| 411 | 5/5/2020 20:44 | abdurahmanthefamous@gmail.com    | Abdul Rahman                  | Mumbai univeristy                                   | Student (PG)        | 9987219981 |
| 412 | 5/5/2020 20:45 | darolisakshi@gmail.com           | Sakshi Daroli                 | Fergusson College                                   | Student(UG)         | 8149223133 |
| 413 | 5/5/2020 20:46 | sowmiyachandrasekarsvb@gmail.com | Sowmiya K C                   | PSGR Krishnammal College For Women                  | PG                  | 7094158186 |
| 414 | 5/5/2020 20:47 | anandrbendre@gmail.com           | Anand Bendre                  | Company   | IT                  | 9767963463 |
| 415 | 5/5/2020 20:47 | daraniphysics1@gmail.com         | Darani Rasumani               | Christ ( Deemed to be University), Bangalore        | Student ( PG)       | 9.1949E+11 |
| 416 | 5/5/2020 20:47 | rahulmapari00@gmail.com          | Rahul Subhash Mapari          | L.K.D.K.B. SCI. COLLEGE LONAR                       | Student(UG)         | 9175210420 |
| 417 | 5/5/2020 20:48 | michellefernandes.mf82@gmail.com | Michelle Maxi Fernandes       | University of Mumbai                                | Student PG          | 8080542550 |
| 418 | 5/5/2020 20:48 | gopikamksivan@gmail.com          | GOPIKA M K                    | BHARATHIAR UNIVERSITY; COIMBATORE                   | Student - PG        | 7025248901 |
| 419 | 5/5/2020 20:49 | kirtitomar68@gmail.com           | Kirti                         | Indira Gandhi National open University              | UG student          | 9717807415 |
| 420 | 5/5/2020 20:49 | rohitthakar241@gmail.com         | Rohit Thakar                  | APCOER Pune, Maharashtra                            | Student (UG)        | 9657544629 |
| 421 | 5/5/2020 20:49 | mangtaninimmi@gmail.com          | Nimmi Dilipkumar Mangtani     | Fergusson College, pune                             | Student(UG)         | 7020861396 |
| 422 | 5/5/2020 20:49 | ankanpal100@gmail.com            | Ankan Pal                     | Others  | Others              | 3.933E+11  |

|     |                |                                  |                                  |   |  |            |
|-----|----------------|----------------------------------|----------------------------------|---|--|------------|
| 423 | 5/5/2020 20:49 | robinchoudhary406@gmail.com      | Robin Choudhary                  | BN PG COLLEGE, BN University ,<br>Udaipur(raj.)             | MSc PHYSICS<br>{ASTRONOMY &<br>ASTROPHYSICS} | 9.1823E+11 |
| 424 | 5/5/2020 20:49 | psur25@yahoo.com                 | Prarambhik Syr                   | Meghnad Saha Insitute of Technology                         | Student                                      | 8334880915 |
| 425 | 5/5/2020 20:50 | punyabratadash4@gmail.com        | Punyabrata Dash                  | Trident Academy of Creative Technology,<br>Utkal University | PG student                                   | 9776279360 |
| 426 | 5/5/2020 20:50 | rutvik.phatak@gmail.com          | Rutvik Rajesh Phatak             | MES Abasaheb Garware college, Pune                          | Student (UG)                                 | 7588721032 |
| 427 | 5/5/2020 20:51 | shrutikaphanse@gmail.com         | Shrutika Pramod Phanse           | Modern College of Science ,Pune                             | Student(PG)                                  | 9.1955E+11 |
| 428 | 5/5/2020 20:51 | nishigandhaupadhye@gmail.com     | Nishigandha Anand Bendre         | SP college  | M.Sc. Maths,<br>pursuing B.Ed.               | 9604025155 |
| 429 | 5/5/2020 20:51 | sarvesh.21810402@viit.ac.in      | Sarvesh Gharat                   | VIIT Pune   | Student(UG)                                  | 8928324053 |
| 430 | 5/5/2020 20:52 | kabi.astro@gmail.com             | Kabilan                          | United institute of technology                              | Professional                                 | 9629970961 |
| 431 | 5/5/2020 20:53 | paramesh24111997@gmail.com       | Parameshwaran A                  | Bharathidasan University                                    | Student (PG)                                 | 8344376878 |
| 432 | 5/5/2020 20:53 | sudeshnasaikia5@gmail.com        | Sudeshna Saikia                  | gorhat institute of science and technology                  | Student (UG)                                 | 9101622693 |
| 433 | 5/5/2020 20:54 | adikul88@gmail.com               | Aditya S Kulkarni                | St. Arnold's Central School                                 | Student(Entering<br>11th)                    | 7588271454 |
| 434 | 5/5/2020 20:56 | obeshkhan97@gmail.com            | obesh nanhe khan                 | Fergusson college   | student (pg)                                 | 7038940812 |
| 435 | 5/5/2020 20:56 | acchaudhari5@gmail.com           | Adesh Chandrakant<br>Chaudhari   | Govt. Institute of Science, Nagpur                          | Student - M.Sc. (<br>Physics)                | 8806304052 |
| 436 | 5/5/2020 20:57 | rishabhjain1203@gmail.com        | Rishabh Jain                     | Kirori Mal College, University of Delhi                     | Student(UG)                                  | 7838541983 |
| 437 | 5/5/2020 20:57 | jacobsiddhant@gmail.com          | Siddhant Jacob                   | Amity university  | Student (UG)                                 | 9205743890 |
| 438 | 5/5/2020 20:58 | k2harmalkar98@gmail.com          | ketki kanta harmalkar            | r j college   | student pg                                   | 8007850593 |
| 439 | 5/5/2020 20:58 | chinmayshahi007@gmail.com        | Chinmay Shahi                    | Matsya University, Alwar, Rajasthan                         | UG Student                                   | 7065510897 |
| 440 | 5/5/2020 20:59 | devenbirje15@gmail.com           | Deven Deepak Birje               | Fergusson College   | Student(UG)                                  | 9834435251 |
| 441 | 5/5/2020 20:59 | sbjadhav212000@gmail.com         | JADHAV SANKET<br>BHANUDAS        | MGM college of Engineering                                  | Student (UG)                                 | 9370733875 |
| 442 | 5/5/2020 21:00 | srishtisharma13579@gmail.com     | Srishti Sharma                   | R. K. Talreja College, Mumbai University                    | UG   | 7391999953 |
| 443 | 5/5/2020 21:01 | 2016meyogesh4761@poornima.edu.in | Joshi Yogeshkumar<br>Dileepkumar | Poornima University, Jaipur                                 | Student                                      | 9602860698 |
| 444 | 5/5/2020 21:02 | shlok mishra581@gmail.com        | Shlok Mishra                     | Kendriya Vidyalaya RHE Khadki, Pune                         | Student                                      | 9372705060 |

|     |                |                               |                                 |   |   |            |
|-----|----------------|-------------------------------|---------------------------------|---|---|------------|
| 445 | 5/5/2020 21:03 | dharanisivakumar20@gmail.com  | Dharani Sivakumar               | Vivekananda college of arts and science                     | Student (PG)                                  | 7339200311 |
| 446 | 5/5/2020 21:03 | muhammedshanshahid@gmail.com  | MUHAMMED SHANSHAHID             | HINDU COLLEGE   | Student UG                                    | 9746875548 |
| 447 | 5/5/2020 21:04 | bagavath209@gmail.com         | Bagavathi Senthilkumar          | PSGR KRISHNAMMAL COLLEGE OF ARTS AND SCIENCE FOR WOMEN      | Student (PG)                                  | 7397633962 |
| 448 | 5/5/2020 21:04 | rampp361@gmail.com            | Ramprasad Pandey                | University of Mumbai  | Pg  | 7738957603 |
| 449 | 5/5/2020 21:05 | plimaye007@gmail.com          | Pranav Limaye                   | Fergusson college   | UG  | 9765580067 |
| 450 | 5/5/2020 21:06 | shubhmishra581@gmail.com      | Shubh Mishra                    | Kendriya Vidyalaya RHE Khadki, Pune-411020                  | Students                                      | 8888493527 |
| 451 | 5/5/2020 21:07 | chob4295@gmail.com            | Chob singh                      | Mahatma Jyotiba Phule Rohilkhand University Bareilly ( u.p) | Astronomy learner                             | 9.164E+11  |
| 452 | 5/5/2020 21:07 | ashishchou78@gmail.com        | Dr. Ashish Ramesh Rao Choudhary | Shri Shivaji Arts, Commerce and Science college, Akot       | Assistant Professor                           | 7588786950 |
| 453 | 5/5/2020 21:09 | akankshanamdeo000@gmail.com   | Akanksha Namdeo                 | davv indore   | Msc physics                                   | 8823877293 |
| 454 | 5/5/2020 21:11 | shraddhagunjal272@gmail.com   | Gunjal Shraddha Bhagwan         | Pune university   | UG  | 8261937488 |
| 455 | 5/5/2020 21:13 | amarpal2050@gmail.com         | AMAR PAL SINGH                  | Mjp rohilkhand bareilly Uttar Pradesh                       | Educator astronomy                            | 7355546489 |
| 456 | 5/5/2020 21:17 | ankeshkumarxyz@gmail.com      | Ankesh Kumar                    | DAV Public School, Bistupur                                 | Student (UG)                                  | 9113495185 |
| 457 | 5/5/2020 21:17 | gopalborusu16@gmail.com       | Borusu Venkata Satya Gopala Rao | Aditya engineering college                                  | Undergraduate Student(mechanical engineering) | 9.1955E+11 |
| 458 | 5/5/2020 21:17 | mksuryawanshi83@gmail.com     | Mayur keshav suryawanshi        | Fergusson college , pune                                    | Students(PG)                                  | 7038585126 |
| 459 | 5/5/2020 21:18 | uddhavshingate@rediffmail.com | Uddhav Bhalchandra Shingate     | Kisan veer sugar factory                                    | Other   | 9822113267 |
| 460 | 5/5/2020 21:19 | archis.1@outlook.com          | Archis Anupam Mohapatra         | DAVV, Indore, MP  | Student (PG)                                  | 9348486295 |
| 461 | 5/5/2020 21:20 | acharya.hemani@gmail.com      | Acharya Temani Rajeshkumar      | School of science   | Student pg                                    | 8849654771 |
| 462 | 5/5/2020 21:21 | samiksha12999@gmail.com       | Samiksha Shukla                 | Miranda House, University of Delhi                          | Student(UG final year)                        | 7982098570 |
| 463 | 5/5/2020 21:22 | subasrivinothini@gmail.com    | Subasri vinothini.S             | The American college  | PG student                                    | 7397116599 |



|     |                |                              |                                    |  |  |            |
|-----|----------------|------------------------------|------------------------------------|--|--|------------|
| 464 | 5/5/2020 21:22 | anantwadatkar@gmail.com      | Dr. Anant Sudhakar Rao<br>Wadatkar | Vinayak Vidyan Mahavidyalaya, Nandgaon<br>Khandeshwar.             | Assistant Professor<br>and Head ,<br>Department of Physics | 9623564711 |
| 465 | 5/5/2020 21:24 | shreejadhao@gmail.com        | Bhushan                            | A.I.S.S.M.S COE, PUNE  | Student  | 8698225152 |
| 466 | 5/5/2020 21:25 | gawadesamiksha67@gmail.com   | Gawade Samiksha Santosh            | Shri Pancham Khemraj Mahavidyalay<br>Sawantwadi                    | Student  | 7666893768 |
| 467 | 5/5/2020 21:25 | maheshkurkute05@gmail.com    | Kurkute Mahesh Rajaram             | Sir Parashurambhau college, pune.                                  | Student UG   | 9172159982 |
| 468 | 5/5/2020 21:26 | sumitsadanshiv1831@gmail.com | Sumit Naresh Sadanshiv             | Jagadamba Mahavidyalaya Achalpur                                   | Physics Teacher  | 9373562590 |
| 469 | 5/5/2020 21:28 | ajayambhore.j@gmail.com      | AJAY VIJAY AMBHORE                 | Vinayak Vidyan Mahavidhyalaya                                      | Assistant Professor  | 7038660936 |
| 470 | 5/5/2020 21:28 | gregorygmb10@gmail.com       | Gregory Mathews Ben                | Mar Athanasius College Kothamangalam                               | Student(PG)  | 8075653524 |
| 471 | 5/5/2020 21:30 | divyaghogare4@gmail.com      | Ku. Divya G. Ghogare               | Jagadamba Mahavidyalaya, Achalpur City                             | Avinash khanderao  | 9561884627 |
| 472 | 5/5/2020 21:32 | jabaliseshu@gmail.com        | SESHA NANDHINI T R                 | The American College   | Student (PG)   | 9894922468 |
| 473 | 5/5/2020 21:33 | aryansh3803@gmail.com        | Aryansh saxena                     | rao junior college of science                                      | student (11th)   | 9158063744 |
| 474 | 5/5/2020 21:35 | sakshideshmukh2210@gmail.com | Sakshi Rajendra Deshmukh           | Shri R.L.T. college of Science Akola                               | UG   | 7499953177 |
| 475 | 5/5/2020 21:35 | skghost98@icloud.com         | Shiv Karnik                        | Sir parashurambhau college   | Student UG   | 8275809171 |
| 476 | 5/5/2020 21:36 | ayashaamdani84@gmail.com     | Ayeshamaa Amdani                   | R.L.T college  | Student UG   | 9511684980 |
| 477 | 5/5/2020 21:43 | shubhangivandish@gmail.com   | Shubhangi Vandish                  | PSGR Krishnammal College for Women                                 | Student  | 9344763226 |
| 478 | 5/5/2020 21:46 | gaikwadshital905@gmail.com   | Shital sunil gaikwad               | R.L.T. college of science akola                                    | Student UG   | 8623984990 |
| 479 | 5/5/2020 21:52 | ishfaqibngmohammad@gmail.com | Mir Ishfaq                         | IIT Bombay   | Research Scholar   | 7006814921 |
| 480 | 5/5/2020 21:52 | Laluyadav95@gmail.com        | Lalu Lokendra Yadav                | Imperial Academy   | Teacher  | 8109633776 |
| 481 | 5/5/2020 21:52 | meghagosavi1002@gmail.com    | Megha Gosavi                       | Jagdamba mahavidyalay achalpur                                     | Student  | 9356785995 |
| 482 | 5/5/2020 21:53 | prathammanwar7999@gmail.com  | Pratham Dilip Manwar               | Government vidarbha institute of science and<br>humanities Amravti | PG   | 9518733329 |
| 483 | 5/5/2020 21:53 | varshatyagi48@gmail.com      | Varsha Tyagi                       | J.C. Bose University of Science and<br>Technology, YMCA            | PG student   | 9560202801 |
| 484 | 5/5/2020 21:53 | parlyyjoshi@gmail.com        | Parly joshi                        | Davv, indore   | pg   | 9575340437 |
| 485 | 5/5/2020 21:56 | mominamehraj220@gmail.com    | momina mehraj                      | AMU  | student(UG)  | 8825008290 |
| 486 | 5/5/2020 21:58 | veni.krrish96@gmail.com      | KRISHNAVENI P DINESH               | NEWMAN COLLEGE, THODUPUZHA   | STUDENT(PG)  | 9207144972 |

|     |                |                                      |                                  |  |                                 |            |
|-----|----------------|--------------------------------------|----------------------------------|--|---------------------------------|------------|
| 487 | 5/5/2020 21:58 | dharan976dd@gmail.com                | DHARAN                           | University of Madras                                   | PG Student                      | 6379692685 |
| 488 | 5/5/2020 22:00 | priyankakadam6805@gmail.com          | Priyanka Santosh Kadam           | Smt. CHM college                                       | student                         | 7219651707 |
| 489 | 5/5/2020 22:02 | rohishenavi1619@gmail.com            | Rohit Madhukar shenavi           | Rajaram college kolhapur                               | Student                         | 8329968021 |
| 490 | 5/5/2020 22:04 | subhashvehele555@gmail.com           | SUBHASH<br>CHANDRAKANT VEHELE    | Mumbai University                                      | Student (UG)                    | 9881550501 |
| 491 | 5/5/2020 22:04 | sazidhussain101@gmail.com            | Sazid                            | Aligarh Muslim University Aligarh                      | Student                         | 9873714095 |
| 492 | 5/5/2020 22:06 | anaghapaithane@gmail.com             | Anagha Abhay Paithane            | Freelancer   | Others                          | 8983033243 |
| 493 | 5/5/2020 22:08 | priyanshijain2911@gmail.com          | Priyanshi Jain                   | Institute for excellence in higher<br>education,Bhopal | Student PG                      | 9329005070 |
| 494 | 5/5/2020 22:11 | harshgaur306@gmail.com               | Gaur Harsh                       | SMT.CHM college  | Students                        | 9.1833E+11 |
| 495 | 5/5/2020 22:12 | sidharthan1998tn@gmail.com           | Sidharthan A                     | University of Madras                                   | Student (PG)                    | 9025994942 |
| 496 | 5/5/2020 22:12 | rkgupta767704@gmail.com              | Rajiv kumar                      | Patna university                                       | Student(PG)                     | 6201076701 |
| 497 | 5/5/2020 22:14 | pushkar.ballal09@gmail.com           | Pushkar jayant ballal            | C.H.M college Ulhasnagar                               | Student (UG)                    | 8446928497 |
| 498 | 5/5/2020 22:16 | 2016meyogesh4761@poornima.<br>edu.in | Joshi Yogeshkumar<br>Dileepkumar | Poornima University, Jaipur                            | Engineering Graduate<br>Student | 9602860698 |
| 499 | 5/5/2020 22:17 | sawantmayu03@gmail.com               | Mayuri Govind Sawant             | Ramnarain Ruia Autonomous College                      | PG                              | 7057424944 |
| 500 | 5/5/2020 22:19 | btkhumbhare@gmail.com                | Bhupendra T. Kumbhare            | Shri R. R. Lahoti Science College, Morshi.             | Assistant professor             | 9028195613 |

**Mr. S. R. Jaiswal**  
**Course Coordinator (8806070156)**  
**Dept. of Physics**  
**Shri R. L. T. College of Science, Akola**

# **E-CERTIFICATE COURSE IN ASTRONOMY AND ASTROPHYSICS**

By

## **Department of Physics**

Under IQAC

Shri R. L. T. College of Science, Akola

From 7<sup>th</sup> May to 10<sup>th</sup> May 2020

### **ACTIVITY SCHEDULE**

| <b>Day</b>                      | <b>Contents of the course</b>  | <b>Type of Resource</b>        | <b>Time</b>          |
|---------------------------------|--|--------------------------------|----------------------|
| Day 1<br>07/05/2020<br>Thursday | <b>History of Astronomy and Basic laws:</b> <ul style="list-style-type: none"><li>• A look at the origin of the universe.</li><li>• The Celestial Sphere and Early Observations.</li><li>• <i>Early Measurements of the Earth</i></li><li>• <i>Copernicus and Heliocentric Model</i></li><li>• <i>Kepler's Laws and Beyond</i></li><li>• Summary: Ancient to Modern Astronomy.</li></ul> | Video Tutorial-1<br>&<br>PDF-1 | 11 am<br>To<br>02 pm |
| Day 2<br>08/05/2020<br>Friday   | <b>Sky and Coordinate system in Astronomy:</b> <ul style="list-style-type: none"><li>• <i>A look at the earth Coordinate System.</i></li><li>• <i>Coordinate System.</i></li><li>• <i>Precession of Equinoxes</i></li><li>• <i>Solar &amp; Lunar Eclipse</i></li><li>• <i>Solar System</i></li><li>• <i>Magnitude of Stars</i></li></ul>   | Video Tutorial-2<br>&<br>PDF-2 | 11 am<br>To<br>02 pm |
| Day 3<br>09/05/2020<br>Saturday | <b>Sky Observations at Night:</b> <ul style="list-style-type: none"><li>• Earth to Multi-Universe</li><li>• Stars and Galaxy &amp; Constellations</li><li>• Phases and Motion of the Moon</li><li>• Motion of the Planets</li></ul>  | Video Tutorial-3<br>&<br>PDF-3 | 11 am<br>To<br>02 pm |

|                               |   |                                |                      |
|-------------------------------|---|--------------------------------|----------------------|
|                               | <ul style="list-style-type: none"> <li>• Meteor Showers</li> <li>• Tutorial of Star Walk 2 mobile application</li> </ul>  |                                |                      |
| Day 4<br>10/05/2020<br>Sunday | <p><b>Astronomical Instrument:</b></p> <ul style="list-style-type: none"> <li>• Types of Simple &amp; Telescope</li> <li>• Careers in Astronomy and Astrophysics, By Astronomer, Prof. Ranjan Gupta<br/>IUCAA, Pune. <small>(YouTube link)</small></li> </ul> | Video Tutorial-4<br>&<br>PDF-4 | 11 am<br>To<br>02 pm |

### Please Note:

- Participants have to follow this schedule.
- You have to visit the link will be given on active whats-App and telegram groups for access these day wise resources.
- It is a digital resource; you may access it multiple times till your satisfaction and understanding.
- Date of online examination will be communicated on active whats-App and telegram group.
- Certificate of Participation will be given to qualified candidates (min 50%) in online exam.

In case of any difficulty, please feel free to call Mob no.:8806070156

(Mail ID: [srjaiswal07@gmail.com](mailto:srjaiswal07@gmail.com))

Mr. Shailesh R. Jaiswal

(Coordinator)

Asst. Professor,

Department of Physics

Shri R. L. T. College of Science, Akola

# DAY-1 : History of Astronomy and Basic Laws.

Conducted by-  
Department of Physics  
Shri R. L. T. College of Science, Akola.

Course Coordinator-  
Mr. Shailesh Jaiswal (SET, Ph.D. app.)  
Asst. Professor  
Dept. of Physics.  
(Mob.No.: 8806070156)  
**\* Required**

1. Email address \*

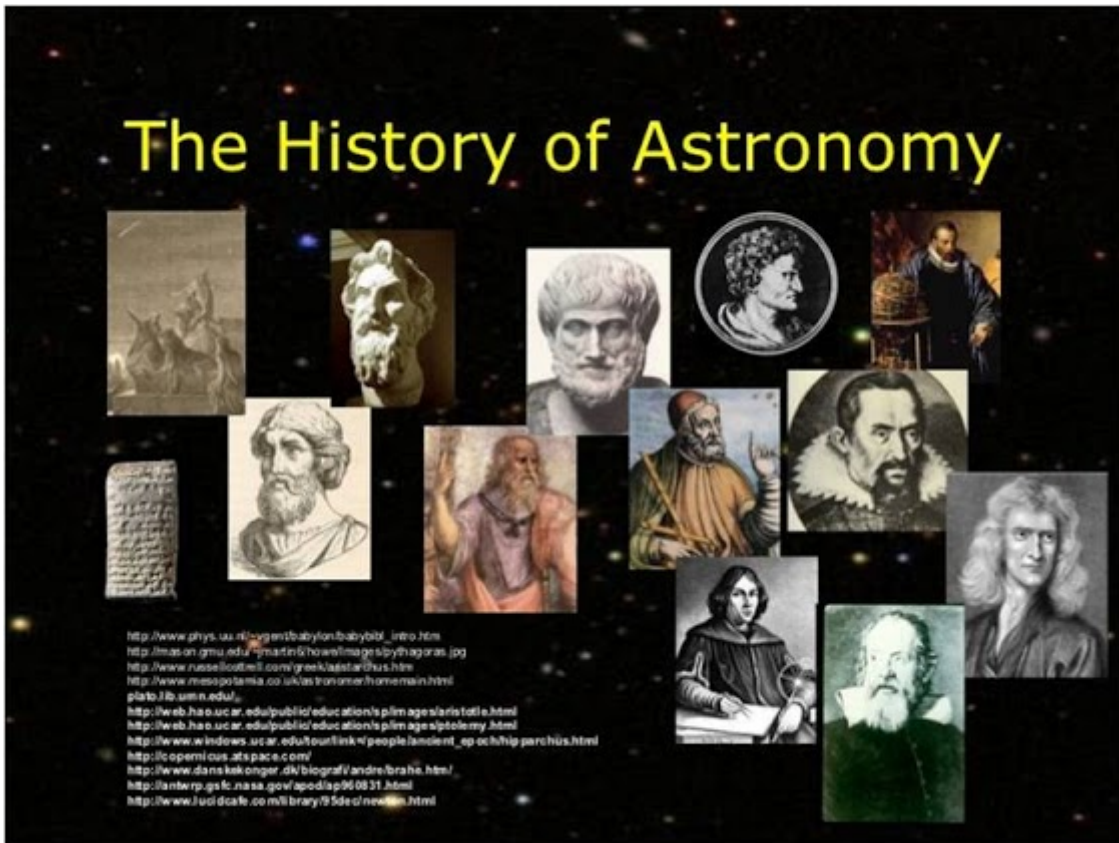
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2. Full Name \*

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3. Institution \*

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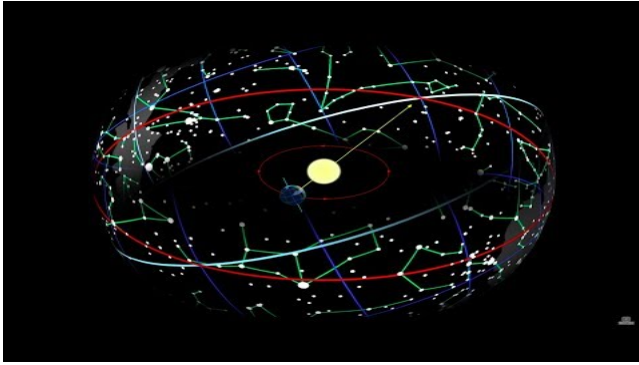
A look at the origin of the universe.....



[http://youtube.com/watch?](http://youtube.com/watch?v=HdPzOWILrbE)

[v=HdPzOWILrbE](http://youtube.com/watch?v=HdPzOWILrbE)

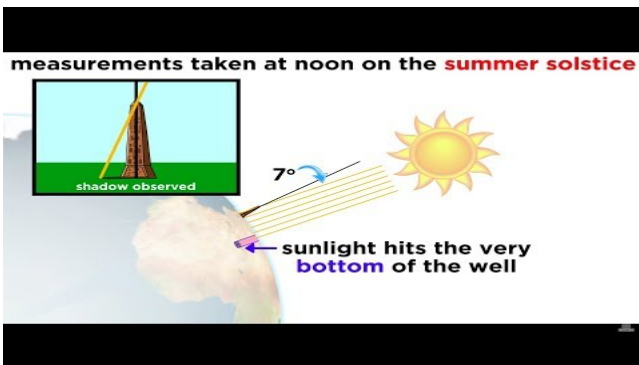
## 1. History of Astronomy Part-1: The Celestial Sphere and Early Observations...



[http://youtube.com/watch?](http://youtube.com/watch?v=M2M7zSh7YFI)

[v=M2M7zSh7YFI](http://youtube.com/watch?v=M2M7zSh7YFI)

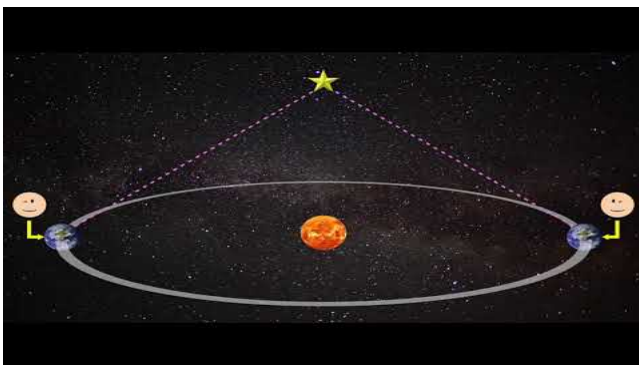
## 2. History of Astronomy Part-2: Early Measurements of the Earth....



[http://youtube.com/watch?](http://youtube.com/watch?v=7DITn6GB6SY)

[v=7DITn6GB6SY](http://youtube.com/watch?v=7DITn6GB6SY)

## 3. History of Astronomy Part-3: Copernicus and Heliocentric Model....



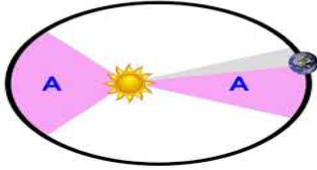
[http://youtube.com/watch?](http://youtube.com/watch?v=ZGr1nHdzLyk)

[v=ZGr1nHdzLyk](http://youtube.com/watch?v=ZGr1nHdzLyk)

## 4. History of Astronomy Part-4:Kepler's Laws and Beyond.....

**Second Law of Kepler**

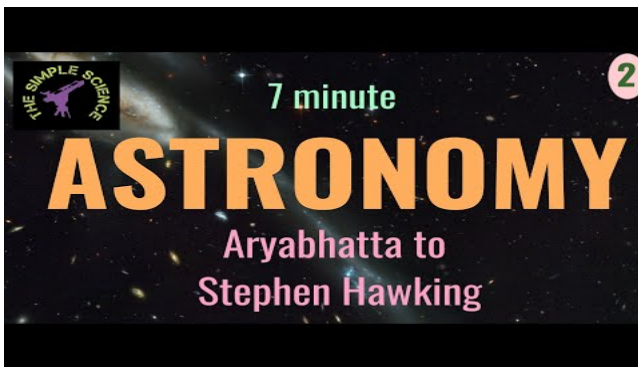
a planet sweeps out **equal areas** of the ellipse over **equal time intervals**



[v=pdst6HQkdrC](https://www.youtube.com/watch?v=pdst6HQkdrC)

<http://youtube.com/watch?>

Summary: Ancient to Modern Astronomy.



[v=zM5uwUt4dil](https://www.youtube.com/watch?v=zM5uwUt4dil)

<http://youtube.com/watch?>





4. 1. Ancient Greeks believed the earth to be the centre of the universe. What do we call this model? 1 point

*Mark only one oval.*

- Geocentric universe
- Heliocentric universe
- Copernican model
- Tycho Brahe model

5. 2. In the model proposed by Nicolaus Copernicus', which object was at the centre of the universe? 1 point

*Mark only one oval.*

- Earth
- Sun
- Milky way galaxy

6. 3. Astronomer Johannes Kepler, 1 point

*Mark only one oval.*

- Published 'Almagest'
- Suggested elliptical orbits for planets
- Invented the first radio telescope

7. 4. Ancient astronomers believed that the earth did not move because, 1 point

*Mark only one oval.*

- No parallax was observed in the stars
- It could explain all planetary motions
- Other models could not explain retrograde motion

8. 5. Correct pairing of astronomer/mathematician and their contribution? 1 point

*Mark only one oval.*

- Pythagoras – Earth's circumference
- Johannes Kepler – Craters of moon
- c) Nicolaus Copernicus – Heliocentric universe

9. 6. Which of these statements is correct about Galileo Galilei? 1 point

*Mark only one oval.*

- He invented the telescope
- Believed the sun was the centre of the universe
- First astronomer to observe moons around Jupiter

10. 7. The place where a planet is farthest away from the sun in its orbit around the Sun is called the 1 point

*Mark only one oval.*

- Aphelion
- Perihelion

11. 8. Tycho Brahe's biggest contribution to astronomy was, 1 point

*Mark only one oval.*

- His telescopic observations
- Accurate observations of stars and planets
- Heliocentric universe

12. 9. Who first suggested that the sun is much larger than earth?

1 point

*Mark only one oval.*

- Aristotle
- Aristarchus
- Tycho Brahe

13. 10. Ancient astronomers used 'epicycles' to explain,

1 point

*Mark only one oval.*

- Planetary transits
- Moon's phases
- Retrograde motion



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# DAY-2: Sky & Coordinate System

Conducted by-

Department of Physics

Shri R. L. T. College of Science, Akola.

Course Coordinator

Mr. Shailesh Jaiswal (SET, Ph.D. app.)

Asst. Professor

Dept. of Physics.

(Mob.No.: 8806070156)

\* Required

1. Email address \*

---

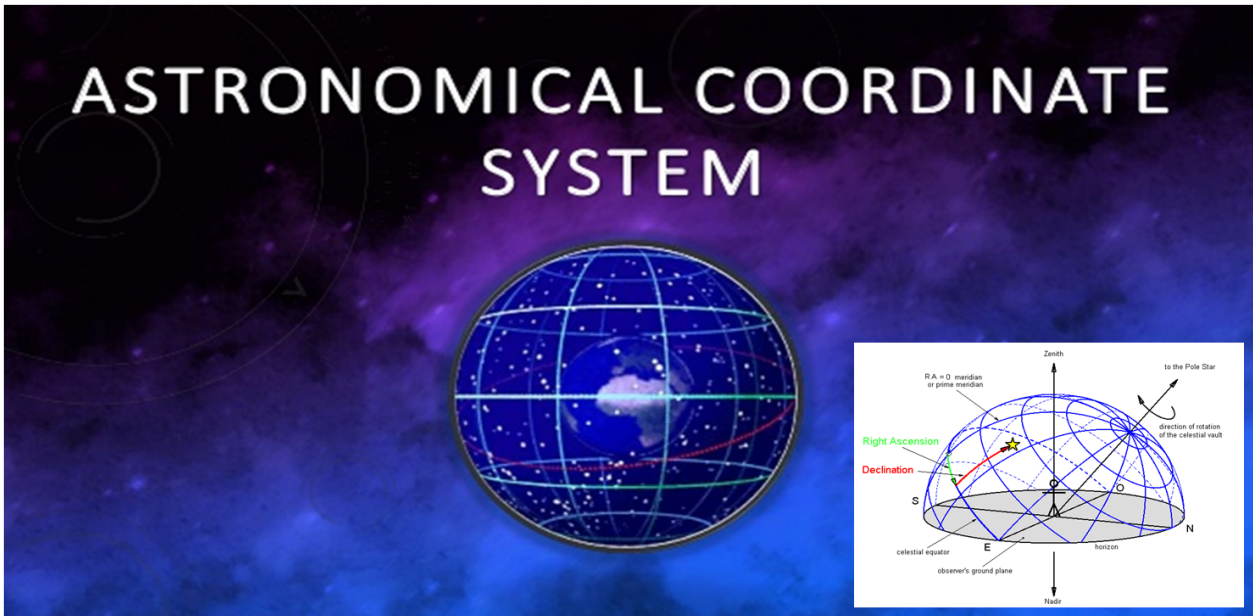
2. Full Name \*

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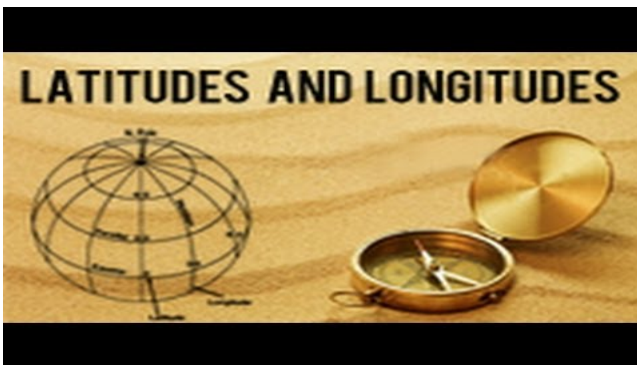
3. Institution \*

---

Sky & Astronomical Coordinate System



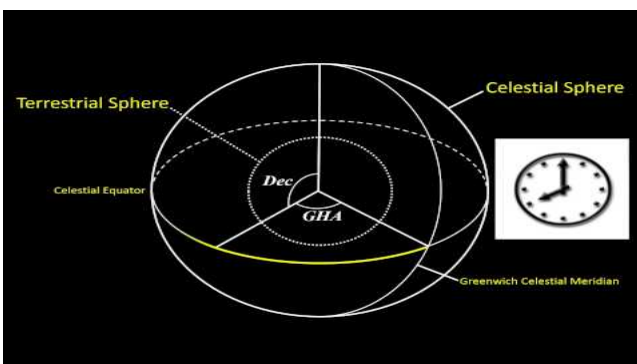
A look at the earth Coordinate System.....



[v=y6aPerEPbvw](https://www.youtube.com/watch?v=y6aPerEPbvw)

<http://youtube.com/watch?>

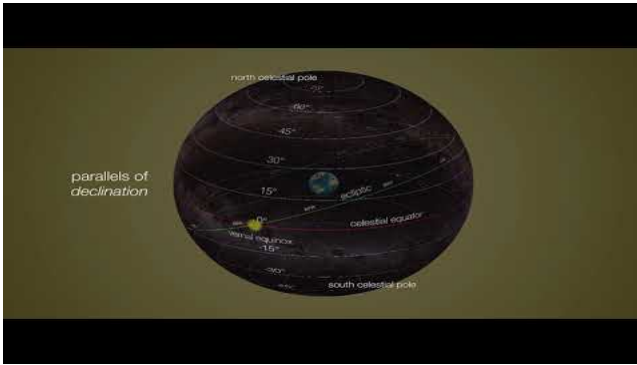
Coordinate System Part-1: Terrestrial/Celestial Spheres Coordinate System Tutorial



[v=0cbKcaTimMI](https://www.youtube.com/watch?v=0cbKcaTimMI)

<http://youtube.com/watch?>

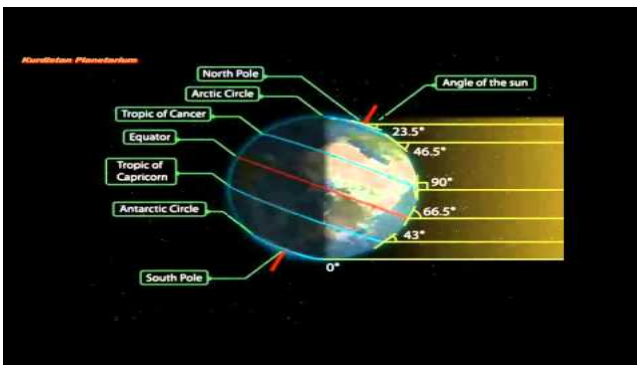
## Coordinate System Part-2: Equatorial Coordinate System



[http://youtube.com/watch?](http://youtube.com/watch?v=WvXTUcYVXzI)

[v=WvXTUcYVXzI](http://youtube.com/watch?v=WvXTUcYVXzI)

## Precession of Equinoxes: Mechanism of the Seasons



[http://youtube.com/watch?](http://youtube.com/watch?v=WLRA87TKXLM)

[v=WLRA87TKXLM](http://youtube.com/watch?v=WLRA87TKXLM)

## Eclipse: (a) Solar Eclipse



[http://youtube.com/watch?](http://youtube.com/watch?v=cxrLRbkOwKs)

[v=cxrLRbkOwKs](http://youtube.com/watch?v=cxrLRbkOwKs)

## Eclipse: (b) Lunar Eclipse



[v=VW2xRR75IKE](https://www.youtube.com/watch?v=VW2xRR75IKE)

<http://youtube.com/watch?>

## Solar System



[v=libKVRa01L8](https://www.youtube.com/watch?v=libKVRa01L8)

<http://youtube.com/watch?>

## Magnitudes of Stars

**ABSOLUTE MAGNITUDE** or "M" –  
a number that represents the **ACTUAL**  
Brightness or Luminosity of a Star

Absolute magnitude is  
the apparent  
brightness of a star if  
it were 10 pc away.

[v=12C4t4Gs3Bw](https://www.youtube.com/watch?v=12C4t4Gs3Bw)

<http://youtube.com/watch?>



4. 1. The Celestial Sphere spins around two points in the sky known as the..... 1 point

*Mark only one oval.*

- North and South Poles.
- Celestial North and Celestial South Poles.
- Arctic and Antarctic Points. East and West Points of Light.
- East and West Points of Light.

5. 2. What is the name of the star closest to the Celestial North Pole? 1 point

*Mark only one oval.*

- Rigel
- Vega
- Polaris
- Orion

6. 3. What the celestial equivalent of "latitude?" 1 point

*Mark only one oval.*

- Inclination
- Left Ascension
- Right Ascension
- Declination



7. 4. Why does the sun appear to move across the sky over the course of a day? 1 point

*Mark only one oval.*

- The Earth is stationary and the sun revolves around it.
- The Sun is stationary and the Earth rotates upon its axis.
- The Sun is stationary and the Earth revolves around it.
- Both the Sun and the Earth are revolving around each other.

8. 5. The ecliptic can be defined as 1 point

*Mark only one oval.*

- The extension of the Earth's equator onto the sky.
- The plane that is perpendicular to the Earth's spin axis.
- The path traced out by the Moon in our sky in one month against the background stars.
- The path traced out by the Sun in our sky over one year against the background stars.

9. 6. Which terms are used in the equatorial coordinate system? 1 point

*Mark only one oval.*

- Azimuth, Altitude
- Azimuth, Declination
- Declination, Right Ascension
- Right Ascension, Altitude

10. 7. On these days, day and night are in equal duration. 1 point

*Mark only one oval.*

- Winter solstice  
 Summer solstice  
 Equinoxes  
 Solstices

11. 8. When is the longest day of the year? 1 point

*Mark only one oval.*

- Summer Solstice  
 Winter Solstice  
 Vernal Equinox  
 Autumn Equinox

12. 9. When Lunar Eclipse occur? 1 point

*Mark only one oval.*

- When Sun is between Earth and Moon  
 When Earth is between Sun and Moon  
 When Moon is between Earth and Sun  
 When Earth is between Sun and other celestial bodies

13. 10. Diamond ring occurs in which type of solar eclipse? 1 point

*Mark only one oval.*

- Total Solar eclipse  
 Partial Solar eclipse  
 Annular Solar eclipse  
 None of the above

14. 11. What color represents the coldest stars?

1 point

*Mark only one oval.*

- Blue
- White
- Yellow
- Red

15. 12. What is the apparent magnitude of our Sun?

1 point

*Mark only one oval.*

- +26.7
- 26.7
- 0.0
- +30



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---

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# DAY-3: The Night Sky

Conducted by-

Department of Physics

Shri R. L. T. College of Science, Akola.

Course Coordinator-

Mr. Shailesh Jaiswal (SET, Ph.D. app.)

Asst. Professor

Dept. of Physics.

(Mob.No.: 8806070156)

\* Required

1. Email address \*

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2. Full Name \*

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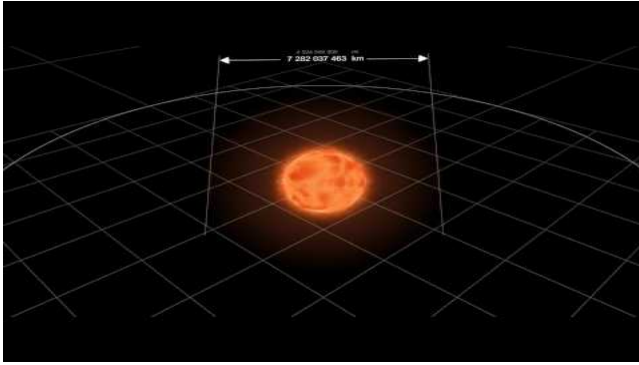
3. Institution \*

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The Night Sky



## From the Earth to the Multi-Universe



[v=q1mkjkTqg0Y](https://www.youtube.com/watch?v=q1mkjkTqg0Y)

<http://youtube.com/watch?>

## Observing Night Sky Part-1(a): Stars and Galaxies



[v=vz\\_apyAx65E](https://www.youtube.com/watch?v=vz_apyAx65E)

<http://youtube.com/watch?>

## Observing Night Sky Part-1(b): Stars and Galaxies



[Qs](https://www.youtube.com/watch?v=adKrNga8-Qs)

<http://youtube.com/watch?v=adKrNga8->

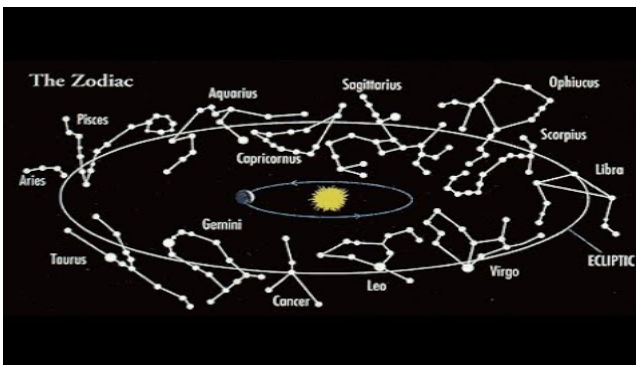
## Observing Night Sky Part-2: Stars and Galaxies



[v=O57DyNMRGY8](https://www.youtube.com/watch?v=O57DyNMRGY8)

<http://youtube.com/watch?>

## Zodiac Constellations



[v=7lwJGHg\\_SQM](https://www.youtube.com/watch?v=7lwJGHg_SQM)

<http://youtube.com/watch?>

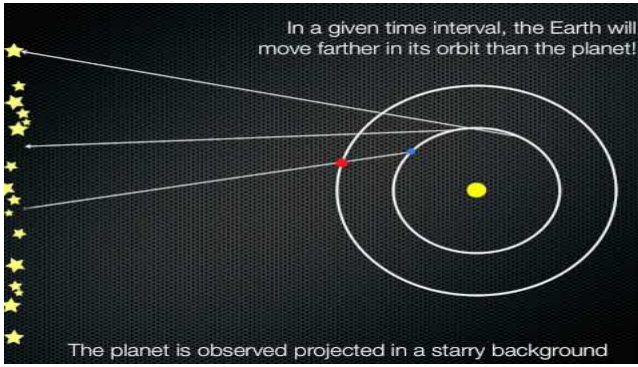
## Phases and Motion of the Moon



[v=1CC0P7y90PU](https://www.youtube.com/watch?v=1CC0P7y90PU)

<http://youtube.com/watch?>

## Motion of the Planets (Retrograde motion of Mars)



[http://youtube.com/watch?](http://youtube.com/watch?v=72FrZz_zJFU)

[v=72FrZz\\_zJFU](http://youtube.com/watch?v=72FrZz_zJFU)

## Meteor Showers



<http://youtube.com/watch?v=zkgLsg0K1IY>



Participant to Note: For finding the live locations of Astronomical objects, please download the Star Walk 2 free app from Play Store.



## Star Walk 2 Free - Sky Map, Stars & Constellations

Vito Technology Education

★★★★★ 2,11,735



Contains ads - Offers in-app purchases

This app is compatible with your device.

Installed

**Star Walk 2 Free - Identify Stars in the Night Sky** is a great astronomy guide to explore the night sky day and night, identify stars, constellations, planets, satellites, asteroids, comets, ISS, Hubble Space Telescope and other celestial bodies in real time in the sky above you. All you need to do is to point your device to the sky.

Explore the deep sky with one of the best astronomical applications.

Objects and astronomical events to learn in this stargazing app:

- Stars and constellations, their position in the night sky
- Solar system bodies (solar system planets, the Sun, the Moon, dwarf planets, asteroids, comets)
- Deep Space objects (nebulae, galaxies, star clusters)
- Satellites overhead
- Meteor showers, equinoxes, conjunctions, full/new Moon and etc.

Tutorial of Star Walk 2



[g98a1l](http://youtube.com/watch?v=QDc9-g98a1l)

[http://youtube.com/watch?v=QDc9-](http://youtube.com/watch?v=QDc9-g98a1l)



4. 1. Which of the following consists of gas, dust, and many stars? 1 point

*Mark only one oval.*

- The Earth's atmosphere
- A galaxy
- A solar system
- The Sun

5. 2. Which of the following is true regarding stars? 1 point

*Mark only one oval.*

- All stars are the same size.
- All stars are the same distance from Earth.
- All stars emit energy and some of it is in the form of light.
- All stars can be seen without a telescope on a clear night.



6. 3. Identify the above constellation.

1 point

*Mark only one oval.*

- Orion
- Taurus
- Canis Major
- Gemini



7. 4. Identify the above constellation.

1 point

*Mark only one oval.*

- Draco
- Scorpio
- Corona Borealis
- Cepheus

8. 5. What is the phase of the Moon when the Moon sits between the Sun and the Earth? 1 point

*Mark only one oval.*

- Crescent Moon
- New Moon
- Quarter Moon
- Full Moon

9. 6. How often do the phases of the Moon cycle repeat?

1 point

*Mark only one oval.*

- Around once an hour
- Every 24 hours
- Around once a week
- Around once a month

10. 7. What would an astronomer expect to find in a galaxy?

1 point

*Mark only one oval.*

- stars, but not planets
- planets, but not stars
- stars, planets, and other objects
- planets, gases, and a single star

11. 8. What is the name of the gas/dust clouds that form stars? 1 point

*Mark only one oval.*

- Nebulas
- Protostars
- Supernova
- Neutron Star

12. 9. What is the closest star to the sun? 1 point

*Mark only one oval.*

- Proxima Centauri
- Alpha Centauri A
- Alpha Centauri B
- Betelgeuse

13. 10. The 'Big Bang Theory' is related to which of the following? 1 point

*Mark only one oval.*

- Continental Drift
- Origin of Universe
- Origin of Himalayas
- Eruption of Volcanoes

14. 11. The Milky Way Galaxy is a 1 point

*Mark only one oval.*

- Spiral
- Elliptical
- Irregular

15. 12. Distance measurement used by astronomers for distant objects.

1 point

*Mark only one oval.*

- Kilometers
- Light Years
- Miles
- Light Seconds



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---

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# DAY-4: Types of Telescope

Conducted by-

Department of Physics

Shri R. L. T. College of Science, Akola.

Course Coordinator-

Mr. Shailesh Jaiswal (SET, Ph.D. app.)

Asst. Professor

Dept. of Physics.

(Mob.No.: 8806070156)

\* Required

1. Email address \*

---

2. Full Name \*

---

3. Institution \*

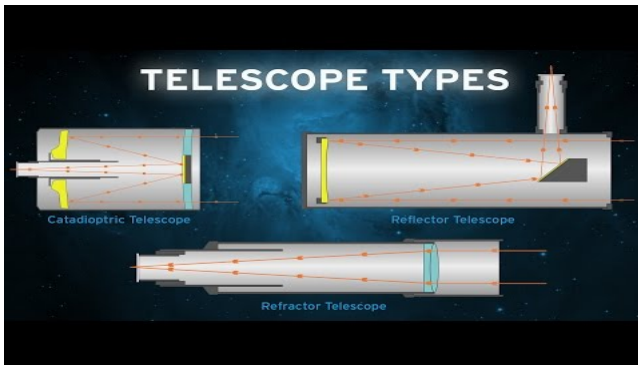
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Watch the Videos

## Types of Telescope.



### The Basic Telescope Type



[http://youtube.com/watch?](http://youtube.com/watch?v=_v1RWyzQAng)

[v=\\_v1RWyzQAng](http://youtube.com/watch?v=_v1RWyzQAng)

### Space Telescope



[http://youtube.com/watch?](http://youtube.com/watch?v=PA15nmA4zbl)

[v=PA15nmA4zbl](http://youtube.com/watch?v=PA15nmA4zbl)





4. 1. What famous scientist invented the reflecting telescope? 1 point

*Mark only one oval.*

- Albert Einstein
- Aristotle
- Isaac Newton
- Thomas Edison

5. 2. What type of telescopes use mirrors to focus the light of the image? 1 point

*Mark only one oval.*

- Reflecting telescopes
- Refracting telescopes

6. 3. What do we call the lens in a telescope that spreads out the light across the retina of your eye? 1 point

*Mark only one oval.*

- Convex lens
- Objective lens
- Mirror lens
- Eyepiece

7. 4. What telescope was put into outer space in 1990?

1 point

Mark only one oval.

- Hubble telescope
- Apollo telescope
- Gemini telescope
- Green Bank telescope

8. 5. Radio telescope collects,

1 point

Mark only one oval.

- Sound wave
- Radio wave
- UV radiation
- Ultrasonic Wave

Must  
watch  
the Video

Careers in Astronomy and Astrophysics

By Astronomer

Prof. Ranjan Gupta

IUCAA, Pune.

Participant please note that, You can download the PDF file of Careers in Astronomy and Astrophysics from the given link of day -4 on e-Pathashala.

Careers in Astronomy and Astrophysics



[http://youtube.com/watch?](http://youtube.com/watch?v=wtTsm6YwP4k)

[v=wtTsm6YwP4k](http://youtube.com/watch?v=wtTsm6YwP4k)

Best Luck for the Exam.



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# SET-A: Quiz: E-Certificate Course in Astronomy & Astrophysics

Quiz on Astronomy and Astrophysics

Conducted by-

Department of Physics

Shri R. L. T. College of Science, Akola.

Course Coordinator-

Mr. Shailesh Jaiswal (SET, Ph.D. app.)

Asst. Professor

Dept. of Physics.

(Mob.No.: 8806070156)

\* Required

1. Email address \*

---

2. Full Name (for Certificate) \*

---

3. Name of Your Institute (for Certificate) \*

---

Quiz: Total 30 Questions, Minimum 50% Marks required to qualified the exam.

Best  
Luck.

4. 1. Kepler first law is known as

1 point

*Mark only one oval.*

- Law of Orbit
- Law of Area
- Law of Periods
- Law of Gravity

5. 2. Which of these evidences supported a Copernican model of the solar system?

1 point

*Mark only one oval.*

- Solar eclipses
- Phases of Venus
- Retrograde Motion.

6. 3. When light from the galaxy in Andromeda is analyzed, it is found that the wavelengths are shorter than expected. This tells us that the galaxy is

1 point

*Mark only one oval.*

- Moving towards us
- Moving away from us
- A very distant galaxy
- Rotating on its axis.

7. 4. Degrees of declination are divided in smaller parts called...

1 point

*Mark only one oval.*

- Hours (Arc Hours).
- Minutes (Arc Minutes).
- Seconds (Arc Seconds).
- Milliseconds (Arc Milliseconds).

8. 5. When we watch the nighttime sky, we find that 1 point

*Mark only one oval.*

- The stars and constellations remain fixed in our sky, not rising or setting in a time as short as one night because they are so far away.
- Most stars and constellations slowly rise in the east and set in the west.
- Most stars and constellations slowly rise in the west and set in the east.
- All stars and constellations reach their highest point in the sky at midnight.

9. 6. On which month is the Earth closest to the sun? 1 point

*Mark only one oval.*

- January
- July
- August
- October

10. 7. What color represents the hottest star? 1 point

*Mark only one oval.*

- Blue
- White
- Red
- Yellow

11. 8. What is the magnification of a telescope?

1 point

*Mark only one oval.*

- How much light it can gather
- How much larger it can make objects appear
- How much energy it generates
- How long it takes to focus
- The size of the aperture



12. 9. What above constellation is?

1 point

*Mark only one oval.*

- Orion
- Taurus
- Ursa Major
- Gemini



13. 10. What above constellation is?

1 point

*Mark only one oval.*

- Draco
- Scorpio
- Corona Borealis
- Gemini

14. 11. What is the main element in a stars composition?

1 point

*Mark only one oval.*

- Hydrogen
- Helium
- Lithium
- Heavy Elements



15. 12. The color of the star tells us its

1 point

*Mark only one oval.*

- Composition
- Temperature
- Luminosity
- Mass

16. 13. What do we call a phase of the Moon when more than half of the Moon is lit up? 1 point

*Mark only one oval.*

- Crescent Moon
- New Moon
- Full Moon
- Quarter Moon
- Gibbous Moon

17. 14. The larger the \_\_\_\_\_, the more light a telescope can gather.

1 point

*Mark only one oval.*

- Magnification
- Lens
- Mirror
- Eyepiece
- Aperture

18. 15. What famous scientist first used the telescope for astronomy? 1 point

*Mark only one oval.*

- Albert Einstein  
 Aristotle  
 Isaac Newton  
 Thomas Edison  
 Galileo

19. 16. Who first suggested that the sun is much larger than earth? 1 point

*Mark only one oval.*

- Aristotle  
 Aristarchus  
 Tycho Brahe

20. 17. Tycho Brahe's biggest contribution to astronomy was, 1 point

*Mark only one oval.*

- His telescopic observations  
 Accurate observations of stars and planets  
 Heliocentric universe

21. 18. Correct pairing of astronomer/mathematician and their contribution? 1 point

*Mark only one oval.*

- Pythagoras – Earth's circumference  
 Johannes Kepler – Craters of moon  
 Nicolaus Copernicus – Heliocentric universe

22. 19. What is the name of the star closest to the Celestial North Pole? 1 point

*Mark only one oval.*

- Rigel
- Vega
- Polaris
- Orion

23. 20. On these days, day and night are in equal duration. 1 point

*Mark only one oval.*

- Winter solstice
- Summer solstice
- Equinoxes
- Solstices

24. 21. When Lunar Eclipse occur? 1 point

*Mark only one oval.*

- When Sun is between Earth and Moon
- When Earth is between Sun and Moon
- When Moon is between Earth and Sun
- When Earth is between Sun and other celestial bodies

25. 22. Which of the following is true regarding stars? 1 point

*Mark only one oval.*

- All stars are the same size.
- All stars are the same distance from Earth.
- All stars emit energy and some of it is in the form of light.
- All stars can be seen without a telescope on a clear night.

26. 23. A constellation is a group of visible \_\_\_\_ that form a pattern when viewed from Earth. 1 point

*Mark only one oval.*

- planets
- stars
- patterns
- creatures

27. 24. Polaris always points 1 point

*Mark only one oval.*

- East
- West
- North
- South



28. 25. What above constellation is?

1 point

*Mark only one oval.*

- Draco
- Scorpio
- Corona Borealis
- Cepheus

29. 26. What is the closest star to the sun?

1 point

*Mark only one oval.*

- Proxima Centauri
- Alpha Centauri A
- Alpha Centauri B
- Betelgeuse

30. 27. Distance measurement used by astronomers for distant objects.

1 point

*Mark only one oval.*

- Kilometers
- Light Years
- Miles
- Light Seconds

31. 28. What type of telescopes use lenses to magnify the image?

1 point

*Mark only one oval.*

- Reflecting telescopes
- Refracting telescopes

32. 29. What telescope was put into outer space in 1990?

1 point

*Mark only one oval.*

- Hubble telescope
- Apollo telescope
- Gemini telescope
- Green Bank telescope

33. 30. Meteor showers result from dust trails left by,

1 point

*Mark only one oval.*

- Asteroids
- Comets
- The Moon
- Cluster of Stars

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**SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA**

Re-accredited with 'A' Grade by NAAC with CGPA 3.12

Affiliated to S. G. B. Amravati University, Amravati

**DEPARTMENT OF PHYSICS**

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**



## CERTIFICATE

This is to certify that Mr./ Ms./ Dr./ Prof.

of

has actively participated in e-Certificate course in **"Astronomy and Astrophysics"** from 7<sup>th</sup> May to 10<sup>th</sup> May 2020 & attended **"Online Quiz"**

**Dr. R. L. Rahatgaonkar**  
IQAC Coordinator

**Mr. S. R. Jaiswal**  
Course Coordinator

**Dr. V. D. Nanoty**  
Principal



**The B.G.E. Society's**  
**Shri R. L. T. College of Science, Akola**  
**Department of Physics**  
e-certificate course in Astronomy and Astrophysics  
**Feedback Remarks about the Course**  
**11th May 2020.**

| Sr. no. | Full Name                 | Name of your Institute   | The content of the course | The level of the course | The length of the course | Communication by course coordinator | Understanding about the course | If understanding about the course is of poor or near to that quality, please provide the reasons for it. | Remark  |
|---------|---------------------------|--|---------------------------|-------------------------|--------------------------|-------------------------------------|--------------------------------|--|---|
| 1       | Mayur Pandurang Ingle     | Lrt collage alola  | 5                         | 4                       | 5                        | 5                                   | 3                              |  | Awesome   |
| 2       | Rajput sachin sahebrao    | B N Bandodkar  | 5                         | 5                       | 5                        | 5                                   | 5                              |  | Sachin  |
| 3       | Neha K Rukhmode           | N.H.college brahmapuri   | 5                         | 5                       | 5                        | 5                                   | 3                              | Hindi language should be addes   | Add language hindi  |
| 4       | Gopalkrishna Prabhu       | Mumbai University  | 4                         | 3                       | 4                        | 5                                   | 4                              |  | Great short course  |
| 5       | Aishwarya Madan. Borkar   | K.J.Somaiya College of Science and Commerce                      | 5                         | 5                       | 5                        | 5                                   | 5                              |  | Thank You So Much.These 4 days had been quite enthusiastic and astronomical. I Loved it.There were so many things I wasn't aware about but now I have some part of knowledge with me. |
| 6       | Prof.Jitendra Ashok Borse | Late Pushpadevi Patil Arts and Science college Risod.Dist-Washim | 5                         | 4                       | 4                        | 4                                   | 4                              |  | The overall course was excellent  |



|    |                       |   |   |   |   |   |   |  |   |
|----|-----------------------|---|---|---|---|---|---|--|---|
| 7  | krushna raval         | lukhdhirji engineering college                | 5 | 5 | 3 | 5 | 5 | not poor course but very short course you have to provide long course like 2 or 3 weeks. | excellent course but little short.  |
| 8  | Aparna Rao            | SIES College of Arts, Science & Commerce      | 4 | 4 | 4 | 5 | 5 |  | The days for a particular course must be increased for better understanding of such interesting topics.   |
| 9  | Pragati K Tale        | Shivramji Moghe College Kelapur (Pkd)         | 4 | 3 | 4 | 4 | 4 |  | Good  |
| 10 | Madhavi Sharad Bondre | Sri R. L. T. College of science Akola         | 4 | 4 | 5 | 5 | 5 |  | Good  |
| 11 | Yash Bakshi           | Government Engineering College, Raipur (C.G.) | 4 | 4 | 3 | 4 | 5 |  | Very interesting , fascinating and good course  |
| 12 | Aditya Kulkarni       | St. Arnold's Central School                   | 5 | 5 | 3 | 5 | 5 |  | A Really Great Initiative by the esteemed expert faculties.This made my Lockdown time very productive.Thank You for giving us this opportunity. |
| 13 | Kirti                 | Indira Gandhi National open University        | 5 | 4 | 4 | 4 | 4 | It was moderate  | Great!  |
| 14 | Amey Sambarkar        | City International School                     | 4 | 3 | 3 | 5 | 5 |  | Very intuitive  |
| 15 | Rohit Thakar          | APCOER  | 5 | 4 | 5 | 5 | 5 |  | It was a really good learning experience. Hope to see more courses by you .   |

|    |                                |   |   |   |   |   |   |  |   |
|----|--------------------------------|---|---|---|---|---|---|--|---|
| 16 | Vaibhav Nageshwar Wagh         | B N Bandodkar College of Science          | 4 | 3 | 3 | 5 | 4 |  | Thanks you sir ,for giving opportunity to learn basic astronomy in lockdown period . Also the content also very good and also the quiz . Hope you also arrange part 2 of this series. |
| 17 | Vrinda Garg                    | St.Stephen College,Delhi University       | 5 | 5 | 4 | 5 | 5 |  | Very Good initiative taken by coordinator,Very well organized and conveyed.Please keep on organising such interesting course for us.  |
| 18 | Shlok Mishra                   | Kendriya Vidyalaya RHE Khadki Pune        | 5 | 5 | 5 | 5 | 5 |  | Very happy  |
| 19 | Singh Kshitij Sanjay           | St. Xavier's College (Autonomous), Mumbai | 5 | 5 | 4 | 5 | 5 |  | Thanks for conducting this. It helped to learn something and also let me to utilise my time into something good...  |
| 20 | Miss. Divya Gajananrao Ghogare | Jagadamba Mahavidyalaya, Achalpur City    | 4 | 4 | 4 | 5 | 4 |  | It was very good rest .   |
| 21 | Shubh Mishra                   | Kendriya Vidyalaya RHE Khadki Pune        | 5 | 5 | 5 | 5 | 5 |  | NICE! KEEP IT UP  |
| 22 | Yoshita Kirit Veera            | J   | 5 | 4 | 3 | 5 | 5 |  | Thanks for providing this course to us. We not only learned but enjoyed learning these topics.. It really developed a keen interest in astronomy & astrophysics.. Thanks a lot.       |

|    |                                    |  |   |   |   |   |   |  |  |
|----|------------------------------------|--|---|---|---|---|---|--|--|
| 23 | Prathamesh Ingale                  | Fergusson college                                | 4 | 4 | 3 | 5 | 5 |  | The course was really good, it makes the base of astronomy strong for the people who wants to do career in it.   |
| 24 | Hasil Dixit                        | Hasil Dixit                                      | 4 | 3 | 4 | 3 | 4 |  | Great!!  |
| 25 | Shivang Chhikara                   | Delhi Technological University                   | 4 | 3 | 3 | 4 | 5 |  | Good series of lectures and quizzes but should have been a longer course.  |
| 26 | PATTANKATTIYAR<br>VARSHA MURUGAN   | PATTANKATTIYAR<br>VARSHA MURUGAN                 | 3 | 4 | 4 | 5 | 4 |  | Good efforts... Can include more videos on stars, telescope.   |
| 27 | Ajay Raj                           | Aligarh Muslim University                        | 5 | 3 | 4 | 5 | 5 | Just one advice to organizing committee next time if you can please make doubt session portal along with the learning resources because most of nurturing students develop inquisitive while learning such courses. it will be helpful for all. thanks | Overall course was great, I got to learn more about astronomy and astrophysics. This course helped me in shaping my future research in astronomy. Thanks to Prof Jaiswal sir and whole organizing committee. Please come up with more e-courses in future. |
| 28 | Dr. Ashwin Prabhakarrao Pachkawade | Rajarshee Shahu Science College, Chandur Railway | 5 | 5 | 4 | 5 | 5 |  | So much activity ate make for study all of them  |
| 29 | Sakshi Daroli                      | Fergusson College Pune                           | 3 | 2 | 3 | 4 | 5 |  | Course should have been little longer. More topics can be covered.   |
| 30 | Ganesh Sudhakar Powar              | Govt.Rajaram College, Kolhapur                   | 3 | 3 | 3 | 3 | 3 | Best   | Good   |

|    |                                 |   |   |   |   |   |   |   |  |
|----|---------------------------------|---|---|---|---|---|---|---|--|
| 31 | Akash Kasturiya                 | K.J Somaiya College of Science and Commerce                   | 4 | 2 | 4 | 3 | 5 |   | excellent course   |
| 32 | SIDDHANT Jacob                  | Amity university  | 5 | 4 | 5 | 5 | 5 |   | The Hindi speaking people when speak English in some of the videos, the focus was very weak. Do select only English speaker videos or choose a better native Hindi speaker for English Videos who can speak better English. I mean his pronunciation should be smooth. |
| 33 | Satyam Mishra                   | BN Bhandodkar college of science                              | 5 | 5 | 5 | 5 | 5 | No i understand whole thing vey fine                                      | Your institution is very time punctual   |
| 34 | Borusu Venkata Satya Gopala Rao | Aditya engineering college                                    | 5 | 4 | 3 | 5 | 5 |   | Please continue this course it should be like from begginer to advanced  |
| 35 | Ku.Pooja Diliprao hatgaonkar    | Shri R.L.T. College of Science,Akola                          | 5 | 5 | 5 | 5 | 5 | No reason, it's good enough. So, I guess there's no room for improvement. | Your course is indeed great and this course also help us to increase our interest in astronomy.  |
| 36 | Jayesh Manoj Saraswat           | Sir Parshurambhau College, Pune                               | 5 | 5 | 5 | 5 | 5 |   | It was a really good course. Enjoyed it alot. Thanks.  |
| 37 | Dr.priya Sachin Deole           | G.S.Tompe Arts, Com.& Science college ,Chandur Bazar.Amravati | 4 | 5 | 3 | 5 | 4 | It is excellent.  | Very nice course conducted by u.   |

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|----|---------------------------|--|---|---|---|---|---|----------------|--|
| 38 | NIKHIL RAJ GUPTA          | DEFENCE COLLEGE (DIAT), PUNE                 | 5 | 4 | 5 | 5 | 5 |                | The course is basically for beginners. I appreciate the complete team behind the course and most important Shailesh Sir. I am more in depth of Astronomy (I am post graduate student). I like this course.<br><br>Stay home Stay safe. |
| 39 | Dr.Pritee Kishor Tawalare | Jagadamba mahavidyalaya Achalpur city        | 3 | 4 | 3 | 4 | 4 | Good           | Good   |
| 40 | Harshank Nimonkar         | K.J. Somaiya College of Science and Commerce | 4 | 3 | 4 | 5 | 4 |                | The course coordination was great. Expect a more detailed and a bit lengthy course than this one. Overall a great experience. Thank you for providing us with such a great opportunity.  |
| 41 | Sneha Rajesh Vengurlekar  | K J Somaiya college of science and commerce  | 5 | 5 | 5 | 5 | 4 |                | Very good course   |
| 42 | Punyabrata Dash           | Trident Academy of Creative Technology       | 4 | 3 | 3 | 2 | 5 | It's too short | Please conduct these type of courses in near future  |
| 43 | Vedant kailas chaudhari   | Svs dadasaheb rawal college dondaicha        | 4 | 4 | 5 | 4 | 5 | Nil            | Organise related events in future  |
| 44 | TARUN BAJPAI              | Gautam Buddha University                     | 4 | 4 | 4 | 5 | 4 | No             | Very well cordinated.  |

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|----|----------------------------|--|---|---|---|---|---|---|--|
| 45 | Dr. Sushil Deonath Charpe  | J D Patil Sangludkar Mahavidyalaya Daryapur              | 3 | 3 | 3 | 4 | 2 | All lecture videos are taken net so it very difficult to understand, because we are beginner in astronomy subject so we need more easy videos and ppt to percolate knowledge me them after my college students but your team effort are very good | Plz try to make easy to it   |
| 46 | Kailash Sadashiv Chaudhari | S.V.S's Dadasaheb Rawal College Dondaicha District Dhule | 5 | 5 | 4 | 5 | 5 | Nil   | Course is knowledgeable Please organise such events in future                      |
| 47 | Dr Swapnil S Arsad         | Shri Shivaji Science College Amravati                    | 5 | 5 | 4 | 5 | 5 |   | Apply for ug and pg courses in astronomy and astrophysics to sgbau                 |
| 48 | Soniya jangid              | RLT clg  | 5 | 4 | 4 | 5 | 3 | I'll understand each and every session  | It's a amazing course and have a very experience from this course                  |
| 49 | Vineet Virendranath Gupta  | Shri R.L.T College Of Science, Akola                     | 5 | 4 | 4 | 5 | 5 | Top class containt.   | Nice course.   |
| 50 | Swati P Deshmukh           | Institute of Science, Nagpur                             | 3 | 3 | 4 | 5 | 4 |   | Good course!! But could become more impressive if course content is self prepared. |

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|----|------------------------------|---|---|---|---|---|---|---|--|
| 51 | Akhilesh Ajay Puranik        | Shri.R.L.T college of science akola       | 4 | 3 | 5 | 5 | 4 | Some part of the content was a bit high to understand on our own. | Helped a lot in better understanding of space world  |
| 52 | Vikrant Manohar Bhaurjar     | S.S.J. College , Arjuni/mor dist - Gondia | 3 | 4 | 4 | 3 | 4 |   | it is good to compete.   |
| 53 | Nitish Kumar                 | rj college                                | 4 | 4 | 5 | 5 | 5 |   | Thankyou sir, for giving me this opportunity and one thing that i love - online course.  |
| 54 | Priyanka purushottam kathode | R.L.T science college akola               | 5 | 5 | 5 | 4 | 5 |   | Very nice  |
| 55 | Greesha kapote               | K.j.somaiya                               | 3 | 3 | 3 | 5 | 4 |   | The course of enlighting.It has incresed my interest in the subject  |
| 56 | Vaibhav Dipak Bokey          | Nehru Mahavidyalaya Ner                   | 4 | 4 | 4 | 5 | 5 |   | Nice course organise offline for students  |
| 57 | Samruddhi S Mulay            | Shri R. L. T. Science college Akola       | 5 | 5 | 4 | 5 | 5 |   | It was a good opportunity to all of us for the study of all the things in universe md all the astronomical phenenomons . We also learn the history about it. It was a good time in the period of lockdown. we enjoyed it . |
| 58 | Kohinoor Dharmalal Rajratna  | Fergusson College Autonomous Pune         | 5 | 4 | 5 | 5 | 4 |   | Thank you for such good course and we are looking forward to your next lectures series   |
| 59 | Shivam Sharma                | St Johns College Agra                     | 5 | 5 | 5 | 5 | 5 |   | Very Nice initiative Sir.I have enjoyed and learned a lot Sir.Plz bring more courses on this platform<br>Thanks a lot Sir  |

|    |                             |   |   |   |   |   |   |                  |  |
|----|-----------------------------|---|---|---|---|---|---|------------------|--|
| 60 | Dr Laxmi Akhilesh Sharma    | Brijlal Biyani Science College Amravati   | 4 | 4 | 4 | 4 | 4 | Very discriptive | Overall nice   |
| 61 | Ketaki vijaykumar Gunjawate | Fergusson College, Pune                   | 5 | 5 | 5 | 5 | 5 |                  | The course was really good. You guys can again conduct course with further astronomical subjects.  |
| 62 | Advait Arvind Joshi         | Fergusson College, Pune                   | 4 | 4 | 4 | 5 | 5 |                  | Awesome Course, all the content was good very beneficial for the students who want to pursue their career in Astronomy and Astrophysics. I would even like to get connected to Shailesh Sir and do many more courses like this. Thank You  |
| 63 | Anuradha Mohan Kamble       | College of Engineering Pune               | 3 | 3 | 2 | 5 | 4 |                  | The course was designed for undergraduate students so the content could have been in more covering in depth of astrophysics, I feel the level of this course was basic and easy in the next course you can make it moderate by expanding the course length and including more content. |
| 64 | pradeep                     | hindu college etawah uo                   | 4 | 5 | 5 | 5 | 3 |                  | good opportunity   |
| 65 | DIVYANI GANESH MULATKAR     | Shri. R. L. T. College of science , Akola | 4 | 5 | 5 | 5 | 4 |                  | The course arranged was excellent.   |
| 66 | Sakshi Gopalrao Tayade      | Rlt                                       | 4 | 5 | 4 | 5 | 5 | No               | Excellent  |



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|----|-----------------------------|--|---|---|---|---|---|----------------------|---|
| 67 | Aryansh saxena              | rao junior college of science              | 4 | 4 | 4 | 5 | 5 |                      | Very nice course more such courses should be definitely held .I loved it and enjoyed it   |
| 68 | Shweta Dnyaneshwar Lokhande | Dayanand Science College, Latur            | 4 | 4 | 4 | 5 | 5 | Overall Great Course | Good!   |
| 69 | YASMIN BANO                 | GUJARAT UNIVERSITY                         | 4 | 4 | 5 | 4 | 5 |                      | It was an amazing and wonderful series on astronomy and astrophysics . Thank you so much.   |
| 70 | Karishma Rameshlal Panjwani | Shri RLT college of science Akola          | 5 | 5 | 3 | 4 | 5 |                      | Thanks for arranging this course online   |
| 71 | Sourabh sanjay patil        | Shivaji university kolhapur                | 5 | 5 | 5 | 5 | 5 |                      | Very good certificate course  |
| 72 | Nitin Daji Kolekar          | Shri. R. R. Lahoti Science College, Morshi | 4 | 3 | 4 | 5 | 4 |                      | It should be more difficult.  |
| 73 | Prakhar Kamthan             | O. P. Jindal School                        | 4 | 4 | 5 | 5 | 5 |                      | This course was a good one, but it would be more better if it contain the theoretical aspect such as black hole, worm holes, spacetime, time, etc. But still it was very interesting. |
| 74 | ADESH C. CHAUDHARI          | Institute of Science, Nagpur               | 5 | 5 | 5 | 5 | 5 |                      | Everything was very nice and informative ....I hope to see more courses like this from your institution   |
| 75 | Mohammad shahid ansari      | Department of physics university of mumbai | 5 | 5 | 5 | 5 | 5 |                      | Nothing   |
| 76 | Madan Singh Negi            | Oceanic International School               | 4 | 4 | 4 | 4 | 4 |                      | Gave more understanding about the universe and created interest in the course   |

|    |                               |   |   |   |   |   |   |   |   |
|----|-------------------------------|---|---|---|---|---|---|---|---|
| 77 | Sneha Gautam Chatse           | Shri RLT college of science                 | 5 | 4 | 4 | 4 | 5 |   | Its better way to understand little concept of astronomy but it need more time to learn more about it..   |
| 78 | Vandana khati                 | Tai golwalkar mahavidyalya Ramtek           | 5 | 5 | 4 | 5 | 4 |   | The course is very good   |
| 79 | Dr. ATISH VIJAYRAO KOHALE     | Shri R. R. Lahoti Science College Morshi    | 4 | 4 | 3 | 5 | 4 |   | Excellent work. But course should be of 5 days. Atleast date of exam on certificate should be 11/5/2020 instead of 10/5/2020.   |
| 80 | Tejasvini Prakashrao Kulkarni | S.R.T.M. University, Nanded.                | 4 | 4 | 3 | 5 | 4 |   | A good course. But content should little bit large.   |
| 81 | Jayashree Indrapal Thakare    | G.V.I.S.H. Amravati                         | 4 | 4 | 3 | 5 | 4 |   | Thanks  |
| 82 | BHAKTI KRISHNA THORVE         | K.J.SOMAIYA COLLEGE OF SCIENCE AND COMMERCE | 4 | 5 | 5 | 5 | 4 |   | It was great experience and got a lot of knowledge.   |
| 83 | Harini S Rao                  | NIE First Grade College                     | 3 | 4 | 3 | 5 | 4 |   | Sir its an nice attempt by everyone,i really learned a lot. But only complaint is that in some questions some right answers is marked as wrong. I double checked the answers but point was not provided for those answers.It was the slight disappointment. Thank you |
| 84 | Alankar Kumarmangalam Kamle   | Rajatam college, Kolhapur                   | 5 | 5 | 5 | 5 | 4 | It was excellent at this level. Strong and important topics . | It was the best E-course I Had in this days. I enjoyed, I understand. Beside it was gr8 talking to the coordinator (Sir) the time I got a query. It was very humble.  |

|    |                           |                                  |   |   |   |   |   |   |  |
|----|---------------------------|----------------------------------|---|---|---|---|---|---|--|
| 85 | Prasad Krishnarao Gulhane | Shri. R. L. T. college           | 4 | 4 | 4 | 5 | 4 |   | Must   |
| 86 | Savani Bankapure          | Wadia college, pune              | 5 | 5 | 5 | 5 | 5 |   | It was very good   |
| 87 | Ms. Monika Dixit          | JMV, Achalpur                    | 5 | 4 | 5 | 5 | 4 |   | The course organized is with good content and very well executed.  |
| 88 | Dr. Niraj S. Sawala       | Government Polytechnic Arvi      | 3 | 4 | 4 | 5 | 4 | Nil   | Excellent Course & well manage.  |
| 89 | KRUPALI SHANKAR THAKUR    | MODELE COLLEGE OF SCIENCE KALYAN | 5 | 4 | 5 | 5 | 5 |   | Got a great knowledge about astronomy in very short period of time .Thank you for such initiative of the providing course. |
| 90 | Nishigandha Anand Bendre  | Tilak College of Education Pune  | 5 | 4 | 4 | 5 | 5 | Userderstanding of the course was good.we enjoyed the course very much.It wil helpful for us. It was interesting and career guidance given by them also very nice Thank you so much.Nice experience | It was really good 👍   |
| 91 | Pushkar Jayant Ballal     | C.H.M College Ulhasnagar         | 4 | 5 | 5 | 5 | 5 |   | Great program can't wait for more  |

|    |                             |                                    |   |   |   |   |   |   |   |
|----|-----------------------------|------------------------------------|---|---|---|---|---|---|---|
| 92 | Keerthi T N                 | Kristu Jayanti College Autonomous  | 5 | 4 | 5 | 5 | 3 | In one case, when it was told that declination is equivalent of longitude in video but it was told to be equivalent of latitude in pdf, it led to confusions that's the only thing dissatisfactory. Everything else was fine. | It was very delightful and good to have planned the course systematically in a short span of time, not missing important information. |
| 93 | Brijesh Shobha Singh Maurya | Rj college                         | 5 | 4 | 4 | 5 | 5 | Thanks a lot 😊 the course was very few days but. Lots of understanding in which thanks to all.  | Communication   |
| 94 | Shreya sawant               | Sies autonomous college,Sion(west) | 4 | 3 | 4 | 3 | 4 | You should put more information(advanced ).The course had basics,although it is useful but still requires improvement.  | Was a good course but can be improved by bringing some changes in the content.  |
| 95 | Lesley Anotida Zimunhu      | Rajaram College Kolhapur           | 4 | 4 | 5 | 5 | 4 |   | Awesome   |
| 96 | Akash kumar singh           | Mumbai university                  | 4 | 3 | 4 | 4 | 4 |   | All in all a Good course, enjoyed it.   |

|     |                               |   |   |   |   |   |   |                                    |  |
|-----|-------------------------------|---|---|---|---|---|---|------------------------------------|--|
| 97  | Dr. Vasant Keshavrao Jadhao   | B. B. Arts, N. B. Commerce & B. P. Science College Digras,    | 5 | 5 | 5 | 5 | 5 | Not applicable                     | Excellent  |
| 98  | Mayuri Govind Sawant          | Ramnarain Ruia Autonomous College                             | 5 | 5 | 5 | 5 | 5 |                                    | Excellent  |
| 99  | AJAY VIJAY AMBHORE            | Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati | 4 | 4 | 3 | 5 | 5 |                                    | This was a very informative course.  |
| 100 | Nisha Ancheria                | Gujarat University  | 5 | 4 | 5 | 5 | 5 |                                    | Excellent  |
| 101 | Adithya S Rao                 | Government College  | 5 | 4 | 5 | 3 | 4 |                                    | It was excellent attempt as it provides a much larger view about the universe and a negative remark is the rhe answer for some questions are not correct. example about the closest star and retrograde motion . But i am happy to be a participant of this course |
| 102 | Gunjal Shraddha Bhagwan       | Pune university   | 5 | 5 | 3 | 5 | 5 |                                    | Shraddha Gunjal  |
| 103 | Aariyan khan aslam khan       | L. K. Durga K. Banmeru sci. College, lonar                    | 4 | 4 | 4 | 3 | 3 | Very responsible course for future | 1st  |
| 104 | Miss. Patil Sumita Suryakant. | Y.C.W.M.WARANANA GAR.   | 5 | 5 | 5 | 5 | 5 |                                    | All over remark is Excellent 👍   |
| 105 | Sarvesh Gharat                | VIIT Pune   | 4 | 3 | 4 | 5 | 4 |                                    | Useful would like to see some more courses related to str, gtr and cosmology   |

|     |                                 |   |   |   |   |   |   |                              |   |
|-----|---------------------------------|---|---|---|---|---|---|------------------------------|---|
| 106 | Pooja lahu sapkal               | NMG college of science ,jalamb  | 4 | 5 | 5 | 3 | 3 | Near to the quality          | You provided video is not so good   |
| 107 | Shiv Ashish Karnik              | Sir parashurambhau college  | 5 | 4 | 5 | 5 | 5 | It's good, I loved it        | It's good, I loved it best and easy way to understand for novice person who wants to learn astronomy  |
| 108 | SAMIKSHA JADHAV                 | KJSSC VIDYAVIHAR  | 4 | 5 | 5 | 5 | 4 | All over the course was nice | The course should be a 1 week activity program.. It would be amazing to learn more about our space  |
| 109 | DARSHITSINH RITENDRASINH PARMAR | Gujarat university  | 4 | 4 | 4 | 4 | 4 |                              | Great initiative by organizers.   |
| 110 | Dnyaneshwar Chhagalal Pariyal   | RLT College of Science Akola  | 5 | 5 | 5 | 5 | 5 |                              | Excellent Course, thank you sir Suggesting for the "Sky Walk 2" App. I clear all doubt about Location of earth and star And also create intress in the Astronomy. |
| 111 | JAYDEEP BHALCHANDRA KAMBLE      | K. J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE                           | 5 | 4 | 4 | 5 | 5 |                              | Good  |
| 112 | Shreyash Panchal                | National center of nanoscience and nanotechnology, University of Mumbai | 4 | 3 | 5 | 5 | 4 |                              | It was a good course  |
| 113 | Satishkumar Ashok Athawale      | Government Vidarbha Institute of Science and Humanities Amravati        | 4 | 4 | 3 | 5 | 4 |                              | Test is interesting do such courses not online. astronomy and astrophysics branch open in university if possible.   |

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|-----|--------------------------|---|---|---|---|---|---|---|---|
| 114 | SAURABH RAJVANSHI        | Oil and Natural Gas Corp. Ltd.                | 5 | 5 | 5 | 5 | 5 |   | Very good initiative for Physics Lover. Please organise some more courses like complicated course General Relativity, or some interesting like special relativity.  |
| 115 | Aishwarya Vishwakarma    | University of Mumbai                          | 4 | 3 | 3 | 3 | 3 | Sessions by Faculty members would have been more useful. Also, there was lack of interaction with the members to clear our doubts regarding the topic | Overall, I appreciate the effort taken by the institute to engage all of us in such a productive activity. I really enjoyed solving quiz questions after each session, that helped us for revision of the topic. Thank you for the opportunity!!! |
| 116 | RASIK R. MANVE           | Ramniranjan Jhunjhunwala College              | 3 | 3 | 3 | 3 | 4 | Content should be yours   | Nice course   |
| 117 | Shraddha Sanjay Ghatol   | Shri R.L.T. College of Science, Akola.        | 5 | 5 | 4 | 5 | 5 |   | This course is very interested or experiencable..   |
| 118 | Namira shakil shaikh     | Kj somaiya college of science and commerce    | 5 | 5 | 3 | 5 | 4 |   | Intresting and i enjoyed this course  |
| 119 | NITESH SANTOSH INGALE    | Late Ku Durga K Banmeru Science College Lonar | 3 | 3 | 3 | 3 | 3 | Good  | Good  |
| 120 | samir                    | K J Somaiya college of science and commerce   | 3 | 3 | 2 | 4 | 5 |   | Good  |
| 121 | Ku. Samreen Taslim Shekh | L.P.G. COLLEGE SHIRPUR                        | 1 | 5 | 5 | 2 | 3 | Helpful   | nice  |
| 122 | Tanmay Melanta           | University of Mumbai                          | 4 | 3 | 3 | 4 | 4 |   | It was good most of the lecture was of general knowledge  |

|     |                          |   |   |   |   |   |   |   |   |
|-----|--------------------------|---|---|---|---|---|---|---|---|
| 123 | Dr Jeetendra Guhilot     | Guhilot clinic, Nanded                          | 5 | 5 | 5 | 5 | 5 |   | Great job explaining basic ideas of astronomy. Perfect course for an amateur. 10/10 would recommend it to my friends.                   |
| 124 | HITESH DINESH KOTIAN     | HITESH DINESH KOTIAN                            | 4 | 5 | 5 | 4 | 3 | Video provided is not that easily to understand as it took much effort to understand the basics of those mainly the coordinate of Earth topic | Overall it was my best experience and pleased by this course  |
| 125 | Aishwarya Mahesh Buthale | Rajaram college                                 | 4 | 4 | 3 | 4 | 5 |   | Excellent   |
| 126 | Sanjana Patil            | Rajaram college, Kolhapur.                      | 5 | 4 | 3 | 5 | 5 | It's too good course please keep making more courses that every student can attain it...  | Too good  |
| 127 | Ashvini Baban Sarkate    | Late.Ku.Durga.K.Banmeru Science College Lonar   | 4 | 4 | 4 | 5 | 5 |   | This course is very useful for me, it gives the knowledge about astronomy   |
| 128 | Karthesan N              | Sri Krishna Adithya College of Arts and Science | 4 | 4 | 4 | 4 | 4 | No we can understand well   | 21/30   |
| 129 | Soham Kapadia            | SVNIT   | 5 | 5 | 4 | 5 | 5 |   | Really enjoyed the course, and I liked the flexibility of attending the lecture videos/pdfs at any time was really appreciable! Thanks! |



|     |                                 |  |   |   |   |   |   |   |   |
|-----|---------------------------------|--|---|---|---|---|---|---|---|
| 130 | priyanka tippe                  | rajaram college kolhapur   | 4 | 4 | 5 | 5 | 4 |   | e course is good & knowledgable   |
| 131 | S. CHITRA                       | SRI AkILANDESWARI WOMEN'S college                                | 1 | 5 | 5 | 5 | 5 | Never   | Yes   |
| 132 | Rutuja Patil                    | Rajaram college kolhapur   | 5 | 5 | 5 | 5 | 5 |   | Best  |
| 133 | Dr. Shubhangi Ashokrao Athawale | Government Vidarbha Institute of Science and Humanities Amravati | 5 | 5 | 5 | 5 | 5 |   | Orgnize various activities regarding this astronomy subject.                                      |
| 134 | Yash tarachand nahata           | Shri saraswati vidhyala janephal                                 | 5 | 5 | 5 | 5 | 5 |   | It is excelent course   |
| 135 | AISWARYA LAKSHMI K              | Sri Akilandeshwari Women's College, Wandiwash.                   | 5 | 5 | 4 | 5 | 5 |   | Very informative  |
| 136 | Kingshuk Das                    | Uluberia College   | 5 | 5 | 4 | 3 | 4 | It's a great course. A tough one. But I understood it very carefully. | It is a great course of astronomy and astrophysics. I have learnt many more from here. Thank you. |
| 137 | Dr. Pooja s Thakur Guhilot      | SRTMU Nanded   | 5 | 4 | 5 | 5 | 5 |   | Good  |
| 138 | Abhishek Roy                    | Regional Institute of Education, Bhubaneswar                     | 5 | 3 | 4 | 5 | 5 |   | This was a very nice course which triggered my interest in Astronomy and Astrophysics.            |
| 139 | Sarita jangle                   | Mumbai university  | 4 | 3 | 4 | 5 | 4 |   | Good  |
| 140 | Medhavi Mohite                  | Rajaram College Kolhapur   | 5 | 4 | 5 | 5 | 4 |   | It was a excellent course. All necessary information and pdf links are given.                     |
| 141 | Mohammad Shahid Ansari          | Department of physics mumbai university                          | 5 | 5 | 5 | 5 | 5 |   | Nothing   |

|     |                           |  |   |   |   |   |   |   |      |   |
|-----|---------------------------|--|---|---|---|---|---|---|------|---|
| 142 | Nasreen.B                 | Sri Akilandeswari<br>Womens College<br>Wandiwash | 5 | 5 | 5 | 5 | 5 | 5 | Good | Nil   |
| 143 | Sowmiya KC                | PSGR krshnammal<br>college for Women             | 4 | 4 | 5 | 3 | 4 |   |      | Its awesome   |
| 144 | Gauri Ananda Patil        | Rajaram college,<br>kolhapur                     | 5 | 5 | 4 | 5 | 5 |   |      | Excellent work by coordinator and<br>life type knowledge  |
| 145 | Subhajit Maity            | Techno India College<br>of Technology            | 4 | 4 | 4 | 3 | 5 |   |      | It's a very good initiative for those<br>people who have interest in<br>astronomy and astrophysics.As far as<br>the course is concerned I would<br>definitely say that in this short<br>duration they have arranged course<br>content which is very lucent and also<br>upto that mark where any individual<br>gets atleast a fair knowledge about<br>this field.Last I want to show my<br>gratitude to course co-ordinators and<br>Institution for make this such<br>program. |
| 146 | Vishnugayathri S          | Madras Christian<br>College                      | 5 | 5 | 5 | 5 | 5 |   |      | I thank the organization for<br>organizing the E-course. It was highly<br>beneficial during this lockdown<br>period.  |
| 147 | GOPIKA M K                | Bharathiar university                            | 5 | 5 | 4 | 5 | 5 |   |      | It was nice experience ..   |
| 148 | Akshay Sanjay<br>Ingawale | Rajaram College,<br>Kolhapur.                    | 5 | 5 | 3 | 5 | 5 |   |      | Please increase length of course upto<br>1 week and kindly develop more<br>courses on astronomy, we are eagerly<br>waiting for the same.  |

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|-----|-------------------------|--|---|---|---|---|---|--|---|
| 149 | CHOB SINGH              | M.J.P. Rohilkhand University Bareilly ( u.p)             | 5 | 5 | 5 | 5 | 5 |  | Very informative knowledge was given in this course.  |
| 150 | Anuja M Ingle           | Shri R.L.T. Science College, Akola                       | 5 | 5 | 5 | 5 | 5 |  | Good  |
| 151 | AMAR PAL SINGH          | M.j.p.Rohilkhand university bareilly Uttar Pradesh india | 5 | 5 | 5 | 5 | 5 | It was very informative to one and                               | Great   |
| 152 | Priti Shivhari Dhotre   | RLT college of science, Akola                            | 5 | 5 | 4 | 5 | 5 |  | The course is very interesting  |
| 153 | Kalyani Raju kanojiya   | Shri Rlt college of science Akola                        | 5 | 5 | 4 | 5 | 5 |  | It was very good for us that we made correct use of time and learned somthing new in this lockdown period.excellent |
| 154 | Abhijeet Powar          | Seti   | 5 | 5 | 5 | 5 | 5 |  | Excellent   |
| 155 | Jyoti parmanand gwalani | RLT college of science                                   | 5 | 5 | 5 | 5 | 5 | The course is very knowledgeable                                 | Thanku for providing us the course  |
| 156 | Madhura Rajendra Desai  | Government Rajaram college Kolhapur                      | 5 | 5 | 5 | 5 | 5 | Best   | Excellent   |
| 157 | Suyog Surendra Mankar   | Shivramji Moghe College Kelapur Pandharkawada            | 5 | 5 | 5 | 5 | 5 |  | Very useful course.   |
| 158 | Divya Mahesh Bulbule    | G.V.I.S.H., Amravati                                     | 5 | 4 | 5 | 5 | 4 |  | It's really a very good and beneficial course<br>Awesome experience.  |
| 159 | Sharmila .V.            | Sri Akilandeswari women's college, Wandiwash             | 4 | 4 | 3 | 4 | 4 | It is very innovative and useful                                 | Good  |
| 160 | Revathi.v               | Sri akilandeswari woman's college                        | 4 | 3 | 4 | 4 | 4 | I enjoyed the course .the course was very useful to Mee.thankyou | Good  |

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|-----|--------------------------------|--|---|---|---|---|---|--|--|
| 161 | Yogesh Bhojraj Wankhede        | Institute of Science, Nagpur                           | 4 | 5 | 4 | 4 | 4 | Good   | More videos and time was required.   |
| 162 | Kowsalya Jayaraman             | Sri Akilandeshwari women's college                     | 4 | 4 | 3 | 4 | 4 | I enjoy the course very much.Its very usefull to me in gaining some knowledge in astronomy . | Good   |
| 163 | Shweta Singh Thakur            | Shri Shivaji Collage                                   | 4 | 5 | 4 | 3 | 5 |  | Their was problem in opening a set question paper rest over all experience was excellent |
| 164 | Ankesh Kumar                   | DAV Public School                                      | 4 | 4 | 5 | 5 | 5 |  | Good Initiative  |
| 165 | Vikki Santosh shirsat          | S.S.S.K.R.innani mahavidyalay                          | 5 | 4 | 5 | 5 | 4 | Good   | Excellent  |
| 166 | Diksha anil golait             | Shri RLT college of science                            | 5 | 5 | 4 | 5 | 4 | It was good  | Excellent  |
| 167 | Dr. Poonam Ashokrao Fartode    | Shri shivaji arts, commerce and science college, Akot. | 5 | 5 | 5 | 5 | 5 |  | Excellent  |
| 168 | Nikhil Santoshrao Ghuge        | S.S.S.K.R. Innani Mahavidyalay Karanja lad             | 5 | 5 | 4 | 3 | 4 | No it's good qhality   | Excellent  |
| 169 | Fiza Mohammed Aslam Syed       | K. J. Somaiya College of Science and Commerce          | 4 | 4 | 3 | 5 | 5 |  | Was very useful. Enjoyed the course  |
| 170 | Abhishek K Dabre               | Abhishek Dabre   | 5 | 4 | 5 | 3 | 5 |  | it was realy helpful and knowledgeabile  |
| 171 | Dr. Archana B. Bodade          | Shri Shivaji Science College, Amravati                 | 4 | 3 | 3 | 4 | 5 | N.A.   | Good activity conducted  |
| 172 | Rajeshwari Meghashyam Kalantri | RLT College of Science Akola                           | 5 | 5 | 5 | 5 | 4 | Excellent  | Intresting   |

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|-----|---------------------------|--|---|---|---|---|---|--|---|
| 173 | Vrinda S Pisharodi        | NSS College Manjeri  | 4 | 4 | 4 | 5 | 4 | Nil  | <p>Sir,<br/>I'm Vrinda, from Kerala. The e-certificate course in astronomy and astrophysics was a big platform for us to know about the topic deeply. It was very interesting and informative one. We came to know about more about night sky, sun and its planets, stars and constellations, galaxies, etc. And uses and types of telescopes. In the last session, the video about career about astronomy and astrophysics motivated us a lot. Waiting for upcoming online courses. Thank you for this great opportunity. Have a nice day.</p> |
| 174 | Rajesh Bapuraoji Pedhekar | M. J. Fule Commerce, Science and V. Raut Arts College, Bhatkuli Dist. Amravati | 5 | 5 | 4 | 5 | 5 |  | Course is excellent   |
| 175 | Rajalakshmi K             | University of Madras   | 5 | 5 | 5 | 5 | 5 | Providing not only PDFs but also videos help me understand things so better. Also the daily quiz are more interesting. | Excellent work. Hoping for the next course of the same topic with higher level.   |

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|-----|-------------------------|--|---|---|---|---|---|-----------------------------------|--|
| 176 | Dr. Ashish R. Choudhary | Shri Shivaji Arts, Commerce and Science college, Akot    | 5 | 5 | 5 | 5 | 5 | ---                               | Really useful and informative course.  |
| 177 | Manjusha Nandalal Pawar | G.S.Tompe arts ,commerce&science college chandur bazar   | 5 | 5 | 4 | 5 | 5 |                                   | Good   |
| 178 | Mangesh santosh karhale | Late ku durga k banmeru science collage lonar            | 5 | 3 | 3 | 4 | 5 |                                   | फायदेशीर   |
| 179 | Mr. Sharique S Shaikh   | Lkdqb science college lonar                              | 5 | 5 | 4 | 5 | 5 | Overall excellent                 | Course Arrange and conduct very nicely , more effectively<br>Specially dr. Shailesh jaiswal sir hosting the course very systematically<br>Wonderfull |
| 180 | Noma Fatmi              | Aligarh Muslim University                                | 5 | 5 | 5 | 4 | 5 | Video tutorials were excellent... | 24   |
| 181 | Anjali Ram Mawale       | G.S.College Khamgaon                                     | 5 | 5 | 5 | 5 | 4 |                                   | Very excellent course  |
| 182 | Prasad Dashrath Bacche  | Pune vidyarthi griha's collage of science and technology | 4 | 4 | 3 | 5 | 4 | Nope                              | Good   |
| 183 | Krishna Bhutada         | School of Science  | 4 | 5 | 4 | 4 | 4 | Excellent initiative...           | Fabulous   |

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|-----|----------------------------|--|---|---|---|---|---|--|---|
| 184 | Devendra M Shingare        | Kj somaiya college of science and commerce | 4 | 3 | 4 | 4 | 4 |  | It was good course, helped to gain knowledge about astronomy, expecting that more courses on different fields like nano sci, particle phy, theory of relativity etc should be conducted ,which will help us to gain more knowledge. |
| 185 | Bhupendra Tikaram Kumbhare | Shri R. R. Lahoti Science College Morshi   | 5 | 5 | 5 | 5 | 5 |  | No  |
| 186 | Khair Nandkumar Devidas    | Ex. Asso. Prof. Phulsing Naik Mv., Pusad.  | 5 | 5 | 5 | 5 | 5 | Nothing.   | Very good opportunity made available by the coordinator. Very good cooperation rendered by him. Learned lot in this corona crisis. Thanks lot.  |
| 187 | Sanjay Prakash hargunani   | G S Scienc arts commerce college khamgaon  | 5 | 5 | 5 | 5 | 5 |  | good  |
| 188 | Akshay Kailas Ingle        | Shri R. L. T. College of Science, Akola    | 5 | 5 | 5 | 5 | 5 | Very nice and interesting course sir this course improved my curisity about space science . Thank you so much jayaswal sir | Very nice and interesting course sir this course improved my curisity about space science . Thank you so much jayaswal sir  |

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|-----|-------------------------|--|---|---|---|---|---|--|--|
| 189 | VISHAL BHIWSEN<br>BHISE | LATE PUNDALIKRAO<br>GAWALI ARTS AND<br>SCIENCE<br>MAHAVIDYALAYA<br>SHIRPUR JAIN<br>TALUKA MALEGAON<br>DISTRICT WASHIM<br>MAHARASHTRA | 5 | 5 | 5 | 5 | 5 |  | An insightful course which is going to highly useful in several places and also helps in one's self development. Congrates to course coordinate , department of physics, all team and collage for such nice e certificate course competetion successfully. I hope such nice courses also conducting in future.<br>THANKS |
| 190 | Soundarya P             | Bharathiar University  | 4 | 4 | 4 | 4 | 4 | It was too good.<br>Exposed to new<br>experience | Good   |
| 191 | Akshay Singh            | University of Mumbai   | 5 | 5 | 5 | 5 | 5 | It was very good.                                | We hope for some more online courses onastronomy and astrophysics, cosmology, in near future. Thanks for this course.  |
| 192 | Manas Manoj Karnik      | Mumbai University  | 4 | 2 | 3 | 4 | 5 |  | It was a good overall attempt but i think there should be more such courses with the depth of the coruse more intense!   |



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|-----|-------------------------|--|---|---|---|---|---|--|---|
| 193 | Govind kumar            | ALIGARH MUSLIM UNIVERSITY                    | 5 | 4 | 4 | 4 | 4 |  | It was really a very helpful course for me. Specially for a UP board students as I am , there were some difficulty in English language but it was good that after completion of this course, I get very useful basic information and I got the chance to improve my vocabulary too in astronomy region. One more thing , The content of this course will really help me because these type like magnitude, celestial sphere etc. I am currently studying in my M.Sc 2nd semester. If there is any other course, please inform me.<br>Thanks sir |
| 194 | Rakhi Vilas Bhagwat     | J.D.Patil Sangludkar mahavidyalaya, daryapur | 4 | 4 | 5 | 5 | 4 | No reason  | Not   |
| 195 | Vimala.v                | SriAkilandeshwari Women's College Wandiwash  | 5 | 5 | 5 | 5 | 5 | Excellent  | 100   |
| 196 | SHITAL SUNIL GAIKWAD    | R.L.T college of science akola               | 5 | 5 | 4 | 3 | 3 |  | 11  |
| 197 | Atharv Chetan Vibhute . | Rajaram College , Kolhapur .                 | 5 | 5 | 5 | 5 | 4 | For more understanding , Hindi language is essential | My knowledge is more updated .  |

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|-----|----------------------------|---|---|---|---|---|---|--|---|
| 198 | Sneha Radhakisan Kakde     | Dagdojirao Deshmukh Art's, commerce and science college | 3 | 4 | 3 | 5 | 5 |  | Excellent   |
| 199 | JAGANNATH JADHAV           | K.J. Somaiya College of Science and Commerce            | 4 | 3 | 4 | 4 | 5 |  | Great initiative taken during this Quarantine.... I don't know about others but This Course Inspired me enough into Astrophysics and I am really Thankful for that. Really enjoyed the time 😊 |
| 200 | Chinmay Shahi              | Matsya University, Alwar                                | 4 | 3 | 4 | 2 | 5 |  | Course was well structured but communication was poor   |
| 201 | SHUBHAM BORKAR             | RTMNU   | 4 | 5 | 3 | 2 | 3 | gud  | gud   |
| 202 | Pankaj Tiwari              | Ongc  | 4 | 5 | 5 | 5 | 5 |  | Course is very good .it gives me insights of our universe   |
| 203 | Anup Purushottam Dahapute  | Shri Shivaji science college Amravati                   | 5 | 5 | 5 | 5 | 5 |  | Excellent   |
| 204 | Shubhangi Nilkanth Khedkar | Sant Gadge Baba Amravati University, Amravati.          | 4 | 4 | 4 | 5 | 5 |  | This is one of the best course, due to which we get much more information about astronomy. Thanku you sir.....  |
| 205 | Dr. Abhijit O. Chauhan     | Vidya Bharati Mahavidyalaya, Amravati                   | 5 | 5 | 5 | 5 | 5 | The course was very well organized by the faculty member of R.L.T college Akola. The content of course is very well managed. | Excellent work done by Mr. Shailesh Jaiswal and team. And the course is useful for teacher as well as students.   |
| 206 | Sneha Madhorao Madavi      | S S J college arjuni/mor                                | 2 | 4 | 4 | 3 | 2 | No reason sir, I understanding this course   | No  |

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|-----|-----------------------|--|---|---|---|---|---|--|---|
| 207 | T.S. Gururaja         | Bishop Heber College<br>Tiruchirappalli                                    | 5 | 5 | 4 | 4 | 4 |  | Interesting Lecture   |
| 208 | Chetan Vilas Kale     | RLT collage of<br>science Akola  | 4 | 4 | 3 | 3 | 4 |  | Very good   |
| 209 | Pooja Pandurang Patil | Rajaram college<br>kolhapur  | 5 | 5 | 5 | 5 | 5 |  | You have done very good job.. Thanks<br>for experience a great journey of the<br>Astrophysics..   |
| 210 | Dr. Jitendra T. Ingle | Government<br>Vidarbha Institute of<br>Science and<br>Humanities Amravati. | 5 | 4 | 5 | 5 | 4 |  | Good activity   |
| 211 | Shibangi Majumder     | V.G. Vaze College  | 3 | 3 | 3 | 5 | 4 |  | Enjoyed it.   |
| 212 | Dr Praful D Shirbhate | G S Gawande College<br>Umarkhed Dist<br>Yavatmal                           | 5 | 5 | 5 | 5 | 5 | Not at all. Wonderful<br>course..  | Hearty congratulations to Dr Jaiswal<br>sir and Team..  |
| 213 | Jaya mirani           | Shri. R. L. T. College<br>of science                                       | 5 | 5 | 5 | 5 | 4 | It's very helpful.   | Thank you so much sir. You have<br>taken great efforts for us. We can<br>really enjoyed all lectures. Thank you<br>so much for all regular updates. |
| 214 | Nishank Eknath Bhade  | Baburaoji gholap<br>college sangvi pune                                    | 5 | 5 | 5 | 5 | 5 | It's only way to<br>enhance awareness<br>for astronomy among<br>students | Yes   |

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|-----|-------------------------|-------------------------------------|---|---|---|---|---|--|---|
| 215 | Omkar Jadhav            | Ramniranjan Jhunjhunwala college    | 3 | 3 | 3 | 4 | 3 | Most of Concepts are Already known by Most of the Students. The Level should be increased , And should be made more Qualitative instead of quantitative and theoretical level. | Nice concept.   |
| 216 | HRUTUJA B. GOPNARAYAN   | SHRI.R.L.T.COLLEGE OF SCIENCE,AKOLA | 4 | 5 | 5 | 4 | 4 | Understanding level of videos was good...but the pdf that were provided to us was very nice and full of concepts..   | I enjoyed this course,by this i haved increased my interest about the astronomy and have developed urge to know and learn |
| 217 | Saurabh Nandagawali     | RTMNU                               | 5 | 5 | 4 | 5 | 4 |  | Good  |
| 218 | Adeeba Imtiyaz          | Aligarh muslim university           | 5 | 5 | 5 | 5 | 5 |  | Nice  |
| 219 | Pallavi Vinayak Faye    | SSJ College Arjuni / mor            | 5 | 5 | 4 | 3 | 5 | Excellent  | All topic is clear  |
| 220 | Vaibhav Babu Ghatage    | Rajaram College , Kolhapur          | 4 | 4 | 5 | 4 | 4 | Good   | Video play in full size   |
| 221 | Divya Ishwardas Asolkar | Jagadamba mhavidyalay achalpur      | 5 | 1 | 3 | 2 | 4 | Very good  | Poor  |
| 222 | DHARAN                  | University of Madras                | 4 | 4 | 3 | 5 | 5 |  | Course done well by the coordinator   |

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|-----|------------------------|--|---|---|---|---|---|---|--|---|
| 223 | J.Dharmadevi           | Sri Akilandeswari women's college wandiwash        | 5 | 5 | 5 | 5 | 5 | 5 | Good   | No  |
| 224 | Apurva Milind Kulkarni | Government Science College (Autonomous), Bengaluru | 4 | 4 | 5 | 5 | 4 |   | The course material is not so familiar with the life sciences students . If possible first introduce basics and then the difficulty level of the topics can be increased gradually insted of learning the whole concept in a day . | The course was excellent . Especially for a Life science student like me . I got to brush my old concepts which i studied in school and in addition I learnt new concepts too . |