



UGC Sponsored
Online Two-week Interdisciplinary Refresher Course on
“Materials Physics and Materials Science”
(07-12-2020 to 21-12-2020)



Organized by
UGC – HUMAN RESOURCE DEVELOPMENT CENTRE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
KUKATPALLY, HYDERABAD, T.S.

About UGC-HRDC, JNTUH:

The UGC-Human Resource Development Centre (formerly known as UGC-Academic Staff College), Jawaharlal Nehru Technological University Hyderabad, was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The UGC-Human Resource Development Centre organizes Orientation Programmes, Refresher Courses, Short Term Courses and Workshops on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis, to update the knowledge and skills in their respective fields.

Major Course Contents:

- **Materials classification**
- **Synthesis methods**
- **Characterization**
- **Applications**
- **Recent developments**

Eligibility:

- The faculty members from the departments of Physics, Chemistry & Mechanical Engineering working in Universities and Colleges.
- The faculty members have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Programme.

Registration Fee Particulars:

- The Registration fee for the course is **Rs. 1000/- (Rupees One Thousand Only)** to be paid through online payment mode.
Certificate will be issued to the participants on successful completion of the course.



Dr. G.K.Viswanadh
Professor of Civil Engineering &
Director
UGC-HRDC, JNTUH, Hyderabad.

Course Coordinator:
Dr. K. Vijaya Kumar
Professor of Physics &
Coordinator,
University Academic Audit Cell,
JNTUH, Hyderabad.



How to apply:

- The faculty members desirous to participate in the program are requested to register their details through online mode at <https://jntuhhrdc.in/delegate-registration> on or before 30th November 2020. For further queries, please mail us at: directorhrdcjntuh@jntuh.ac.in
- Filling the online registration form is mandatory.
- A filled-in form of application duly signed by the faculty member and forwarded by the Head of the Institution and sponsorship certificate from the Head of the Institution, should be uploaded in HRDC portal on or before the last date.

Resource Persons:

Resource persons are drawn from JNTUH, IITH, HCU, Osmania University, IICT, ARCI CMET, DRDO, Hyderabad and different Universities, Institutions & establishments.

Selection Criteria:

Selection will be done based on *first-come-first-serve basis* to a maximum number of 40. The list of selected participants will be intimated through E-mail.

Important Dates:

Last date for the receipt of application through online	: 30 th November 2020
Intimation of selection to the participants through e-mail	: 02 nd December 2020
Course duration	: 07 th to 21 st December 2020
Course Timings	: 10.00 AM to 1.15 PM & 2.00 PM to 5.15 PM

Instructions to the Participants for Online Course:

- (1) Filling the registration form is mandatory.
- (2) Attendance for all the sessions, Completion of activities, assignments and online tests given by the Resource Persons are mandatory.
- (3) All sessions will be conducted on WebEx.
- (4) Link will be provided a day in advance.
- (5) Limited seats are available on First-Come-First-Serve basis.

Address for all Correspondence:

Dr. G.K.Viswanadh

Professor of Civil Engineering &

Director, UGC-Human Resource Development Centre

Jawaharlal Nehru Technological University Hyderabad

Kukatpally, Hyderabad – 500 085, Telangana State

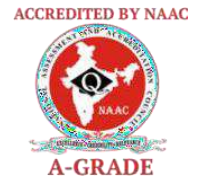
Please contact: 8008103814 (All working days from 10.30 am to 5.00 pm only)

or directorhrdcjntuh@jntuh.ac.in for more enquiries about the Refresher Course

Web: www.jntuhhrdc.in



Phone: 040-23151610
Fax: 040-23156795
Web : www.jntuhhrdc.in
EMail:directorhrdcjntuh@jntuh.ac.in



UGC-HUMAN RESOURCE DEVELOPMENT CENTRE JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Establishment by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana State, India.

Dr. G.K. VISWANADH

B.E. (Civil), M.E. (Hydraulics), Ph.D., F.I.E.
Professor of Civil Engineering &

DIRECTOR

Date: 03-12-2020

Dear Sir/Madam,

Thank you for your interest in participating in the ONLINE Two Week Refresher Course on **Inter Disciplinary Refresher Course - “Materials Physics and Materials Science”** scheduled from **07-12-2020 to 21-12-2020**, being organized by UGC-Human Resource Development Centre (HRDC), JNTUH, Hyderabad.

Your registration has been accepted. Attendance for all the sessions and completion of the activities, assignments and online tests given by the Resource Persons are mandatory to get the certificate, failing which certificate will not be issued.

A WhatsApp group will be created with the selected participants for further communication. The participants who have not entered their WhatsApp number while registration, are requested to send their WhatsApp number to the mail id directorhrdcjntuh@jntuh.ac.in before 5.00 pm on 03-12-2020.

Steps to be followed to join the course

Please join JNTUH HRDC RC from your computer, tablet or smart phone from the below link:

JNTUH HRDC RC - “Materials Physics and Materials Science”

<https://jntuhhrdc.webex.com/jntuhhrdc/onstage/g.php?MTID=e0d24f5302fda0f27e972c767eb6f1c07>

Date and time: Monday, 7th December -2020 @ 9:30 am

Event number: 176 892 6097

Event password: RCMPMS!@#45

The link is Unique and don't share the link with anyone. If anyone attended the course with your link your registration will be cancelled.

Note: The selection to the program is subject to the submission of the sponsorship letter from the head of the institution. If the institution is not able to provide the sponsorship letter due to the present prevailing situation, you may submit the same before the course completion to get the participation certificate.

Etiquette Guide or Ground Rules

Keep the following guidelines in mind to improve quality of the sessions.

- Do not enable **camera**
- Use a **headset with microphone** for optimal audio quality.
- **Mute the microphone** when not in use to avoid disturbance to others.
- If you have questions, **post on the chat window**
- If you definitely need to ask a question vocally, the organizer will unmute you.

Please join the course by 9.30 am on 7th December, 2020.

List of Participants:

S. No	Name of the Candidate	Designation	Dept.	College	Address	State
1	R.Venugopal	Assistant Professor	Physics	Government Degree College, Mahabubabad	Government Degree College, Mahabubabad	Telangana
2	Dr.P.Adavi Raju	Assistant Professor	Chemistry	Govt.Degree College,Gajwel	Govt.Degree College,Gajwel, sangapur road Gajwel	Telangana
3	Hariprasad Perumalla	Assistant Professor	Chemistry	Government Degree College	GDC CHERIAL, SIDDIPET-DIST 506223	Telangana
4	R Ratan Kumar Pasalapudi	Assistant Professor	Physics	Tara Government Degree and PG College	Tara Government Degree and PG College, Sangareddy	Telangana
5	Rajiv Manohar Meshram	Assistant Professor	Physics	Manoharbai Patel College Sakoli,distt Bhandara	Manoharbai Patel College, Sakoli	Maharashtra
6	Panuganti Rajesh	Assistant Professor	Chemistry	Govt. Degree College, Godavarikhani	Godavarikhani	Telangana
7	Dr. J. Chinna Babu	Assistant Professor	Physics	Vivekananda Government Degree College	Vivekananda Government Degree College, Adikmet Road, Vidyanagar, Hyderabad-500044	Telangana
8	Samir Kumar	Assistant Professor	Physics	Hotilal Ramnath College Amnour	Amnour	Bihar
9	Pachineela Rambabu	Assistant Professor	Physics	Guru Ghasidas Vishwavidyalaya	Koni, Bilaspur	Chhattisgarh
10	Pradip Das	assistant professor	Physics	Guru Ghasidas Viswavidalaya	Koni, Bilaspur	Chhattisgarh
11	M. Raju	Assistant Professor	Chemistry	Government degree college, Alair	Alair	Telangana
12	Dr. Shirsendu Das	Assistant Professor	Physics	Uluberia College	ULUBERIA, HOWRAH	West Bengal
13	B.Upender Reddy	Assistant professor	Chemistry	Government Degree College	10-2-827/1,vidyanagar,karim nagar, Agrapharam, Rajanna Sircilla, Telangana	Telangana
14	Dr. Ch. Madhusudan	Asst. Professor	Physics	SKNR GDC Jagtial	SKNR GDC Jagtial	Telangana
15	Dr G Paul Devadanam	Assistant Professor	Physics	Government Degree College-Palvoncha	Government Degree College-Palvoncha	Telangana
16	Dr. Abdulla Bin	Assistant	Physics	Uluberia College	Uluberia, Howrah,	West Bengal

	Rahaman	Professor			711315, West Bengal	
17	Dr Md Abdur Rafeeq	Assistant Professor	Chemistry	Girraj Government College (A) Nizamabad	Dubba Street Nizamabad	Telangana
18	Dr G. Srinivas	Assistant professor	Chemistry	GDC FOR WOMAN KARIMNAGAR	KARIMNAGAR	Telangana
19	M.Vijayalakshmi	Asst.Professor of Physics	Physics	GDCW, Sangareddy,Telangana	Opposite Ambethkar Stadium,uppar bazar, Sangareddy,Telangana	Telangana
20	Rajesh Alukucha	Assistant professor of Chemistry	Chemistry	GDC Armoor	GDC Armoor	Telangana
21	Kopparam Manjula	Assistant professor	Chemistry	GDC Gajwel	GDC Gajwel	Telangana
22	MD Khaja Arif	Assistant Professor	Chemistry	Government Degree College	Karimnagar road Huzurabad	Telangana
23	Dr Manjula V T	Assistant Professor	Physics	Government College Autonomous Kalburagi	Government college Autonomous Kalaburagi 585105 Sedam Road	Karnataka
24	Deepty.P	Assistant Professor	Physics	Sasi Institute Of Technology And Engineering	Near Aerodrome, Tadepalligudem	Andhra Pradesh
25	Arnab Kumar Das	Assistant Professor	Physics	Behala College	Behala College Banamali Naskar Road Parnashree Kolkata-700060	West Bengal
26	Dr. Girdharilal Tiwari	Assistant Professor	Chemistry	J. M. Patel Arts, Commerce and Science College, Bhandara	J. M. Patel Arts, Commerce and Science College, Rajagopalachari Ward	Maharashtra
27	Ms. Nishitha P. Mathew	Assistant Professor	Physics	K.G.College	Pampady Kottayam Kerala	Kerala
28	Dr. Swati Anoop Fartode	Assistant Professor	Physics	Yeshwantrao Chavan College of Engineering	Yeshwantrao Chavan College of Engineering, Hingna Road Nagpur	Maharashtra
29	Dr. Ashok Bhogi	Assistant Professor	Physics	VNR Vignana Jyothi Institute of Engineering and Technology	Bachupally, Nizampet, Kukatpally, Hyderabad, Telangana State 500090	Telangana
30	K N Narasimhamurthy	Assistant professor	Physics	Government first grade women's college,Tumkur	Government first grade college, Tumkur, Karnataka	Karnataka
31	Sai Leela Vanapalli	Assistant Professor	Mechanical Engineering	BVRIT HYDERABAD College of Engineering for Women	8-5/4 Bachupally, Opp:Rajiv Gandhi Nagar Colony, Nizampet Road	Telangana
32	Dr.C.Suresh	Assistant Professor	Physics	Govt.First.Grade college	Govt.First.Grade college. Tumkur	Karnataka
33	Dr. Babasaheb Mahadev Mohite	Assist. Professor	Physics	Ajara Mahavidyalaya AJara	Ajara Mahavidyalaya AJara Near Bazar Maidan AJara	Maharashtra
34	Xavier S Gama	Assist. Professor	Physics	Kittel Science College	P.B.Road, Dharwad,	Karnataka
35	Ashok Kumar Kusuma	Assistant Professor	Physics	BVRIT Narsapur	Medak	Telangana
36	Dr. Semanti Pal	Assistant Professor	Physics	East Calcutta Girls' College, Lake Town	P - 237, Block B, Lake Town Link Road, Lake Town	West Bengal
37	N Sridhara Devi	Assistant professor	Chemistry	GDC, Utnoor	Adilabad	Telangana
38	Dr A L V Ramana		Chemistry	SKR & SKR GDC(W)	Kadapa	A.P.

	Reddy					
39	Dr.B.Vigneashwari	Assistant Professor	Physics	Government Arts College for Men, Krishnagiri	Government Arts College for Men, Chennai Road	Tamil Nadu
40	Phlegon Syndai	Assistant Professor	Physics	Union Christian College	Umiam Khwan, P.O. Ucc, Ri Bhoi District	Meghalaya
41	Robert R	Asst. Professor	Physics	Government Arts College for Men, Krishnagiri	Govt. Arts College for Men, Chennai Road	Tamil Nadu
42	Dr.Sunil P.Dongre	Assistant Professor	Physics	Bhalerao Science College	Saonar, Nagpur	Maharashtra
43	Dr Bashir Ahmad Dar	Assistant Professor	Chemistry	Govt Degree college Sopore	Government Degree college Sopore	Jammu and Kashmir
44	Dr. Seema R	Assistant Professor	Physics	Cms College, Kottayam	Department Of Physics Cms College Kottayam	Kerala
45	Promita Howli	Assistant Professor	Physics	Prabhu Jagatbandhu College	Jhorehat, Andul-Mouri, Howrah	West Bengal
46	Ajmal Khan N	Assistant Professor	Physics	The New College	No:147, Peters Road, Royapettah	Tamil Nadu
47	Shackeer Ali. M	Assistant Professor	Physics	The New College(Autonomous)	Royapettah Chennai-14	Tamil Nadu
48	Nilesh Mazumder	Assistant Professor	Physics	Govt. College of Engineering and Ceramic Technology	73, Avinash Chandra Banerjee Ln, Subhas Sarobar Park, Phool Bagan, Belegkata, Kolkata, West Bengal 700010	West Bengal
49	Dr Swati Das	Assistant Professor	Physics	Ananda Mohan College, Kolkata	102/1, Raja Ram Mohan Sarani, Baithakkhana, Kolkata, West Bengal 700009	West Bengal
50	Sounak Dutta	Assistant Professor	Chemistry	Ananda Mohan College	102/1, Raja Rammohan Sarani, Kolkata - 700009	West Bengal
51	Dr.S.Udayalaxmi	Assistant professor	Physics	KMIT,	Narayanaguda Hyderabad	Telangana
52	Ch Atchyutha Rao	Lecturer	Physics	Bapatla College of Arts Sciences-Bapatla	Bapatla College of Arts Sciences-Bapatla-522101	Andhra Pradesh
53	Dr.Omprakash Sonar	Assistant professor	Physics	Sharanbasweshwar College of Science	Sharanbasweshwar College of Science, Vidyanagar, Kalaburgi, Karnataka	Karnataka
54	Dr Ravikiran Y T	Assistant Professor	Physics	Government Science College	Government Science College, Chitradurga - 577501, Karnataka.	Karnataka
55	Dibya Prakash Rai	Assistant Professor	Physics	Pachhunga University College	Pachhunga University College Aizawl,	Mizoram
56	Dr. P. D. Kamble	Assistant Professor	Physics	The New College,Shivaji Peth Kolhapur	The New College,Shivaji Peth Kolhapur	Maharashtra
57	N Sasidhar	Assistant Professor	Physics	Government Science College	Government Science College B D Road, Chitradurga - 577 501	Karnataka
58	Dr. Jyoti Ranjan Sahu	Assistant Professor	Physics	North Orissa (Stage - 2) P.G. Dept. of Physics North Orissa University	P.G. Dept. of Physics North Orissa University Baripada-757003 Dist.-Mayurbhanj State-Odisha	Odisha
59	M.Depty	Assistant professor	Physics	Sasi Institute of Technology and Engineering	Kadakatla, Tadepalligudem	Andhra Pradesh

60	Madhav Sopanrao Jadhav	Assistant Professor	Chemistry	M.S.P.Mandal's Shri Shivaji College,Parbhani	Shri Shivaji College,Basmat Road,Parbhani.	Maharashtra
61	Venkatesha H R	Assistant Professor	Physics	GFGC	GFGC HOSADURGA	Karnataka
62	Krishna Murthy P	Assistant Professor	Physics	Government Science College, Chitradurga - 577501	Government Science College, Chitradurga - 577501	Karnataka
63	A. Rajani Malathi	Assistant professor	Physics	University College for women, Koti	Department of Physics UCW, OU Koti	Telangana
64	Dr.S.Sripathi Rao	Assistant professor	Physics	University P.G. College, Palamuru University	University P.G. College, Palamuru University Mahabubnagar, Telangana 509001	Telangana
65	Nafeesa Baby T P	Assistant Professor	Physics	Department of Physics Sir Syed College,Taliparamba	Department of Physics Sir Syed College Taliparamba Kannur-670142	Kerala
66	Dr. Ankam Bhaskar	Assistant Professor	Physics	University P.G. College/Palamuru University	University P.G. College Palamuru University Mahabubnagar, Telangana 509001	Telangana
67	Smiya John	Assistant professor	Physics	Mercy College, Palakkad	Mercy College Palakkad.	Kerala
68	Forkan E Aman	Assistant Professor	Physics	Hooghly Womens College	P.O&Dist-Hooghly	West Bengal
69	Dr. Kinshuk Banerjee	Assistant Professor	Chemistry	Acharya Jagadish Chandra Bose College	1/1B, A. J. C. Bose Road, Kolkata 700020.	West Bengal
70	Dr. Probir Kumar Sarkar	Assistant Professor	Physics	Ananda Mohan College	102/1, Raja Ram Mohan Sarani, Baithakkhana,	West Bengal
71	Rajesh.K	Assistant Professor	Physics	Government degree college, agraharam	Marupaka (post) Vemulawada(mndl) Rajanna sircilla(dist)	Telangana
72	DR. Dyavappa B M	Assistant Professor	Physics	Government First Grade College for Women, Kolar	Department of Physics, GFGC For Women, Kolar, 563101	Karnataka
73	Meenakshi H	Assistant Professor	Physics	Government First Grade College	M G Road Chickballapur Karnataka	Karnataka
74	Srinivasa.S	Assistant Professor	Physics	Govt.First Grade college	MG Road,Chickaballapur	Karnataka
75	Damodar Dattatraya Birajdar	Assistant professor	Physics	B. S. S. Arts, science and commerce college makni	Karjgao road, makni. Tq. Lohara	Maharashtra
76	Suresha S	Assistant professor	Physics	Government First Grade College	Government First Grade College, Holalkere, Chitradurga-District	Karnataka
77	S.D.Bhavani	Assistant professor	Chemistry	Govt degree college zaheerabad	Zaheerabad	Telangana
78	Dr.R.Vijaya Kumar	Assistant Professor	Physics	Department of Pure & Applied Physics Guru Ghasidas Vishawavidyalaya Koni, Bilaspur-4995009	Department of Pure & Applied Physics Guru Ghasidas Vishawavidyalaya Koni, Bilaspur-4995009 Chattishgarh, India	Chhattisgarh
79	Dr.V.Sunitha	Assistant professor	Chemistry	University College of Science, saifabad	Saifabad	Telangana
80	Dr. A. Kishore Kumar	Assistant Professor	Humanities & Social Sciences	Vardhaman College of Engineering	Kacharam, Shamshabad, 501 218	Telangana
81	Dr.CH.Shilpa Chakra	Assistant Professor	Nano Science and	JNTUH Institute of Science and	CNST,IST,JNTUH	Telangana

			Technology	Technology,JNTUH		
82	Dr Manjunatha V	Assistant Professor	Physics	Govt First Grade College Kumta	Govt First Grade College Muroor Road Kumta, Uttara Kannada Pin 581343.	Karnataka
83	Dr. Kunale Renuka Apparao	Assistant Professor	Physics	Kai. Rasika mahavidyalaya deoni	Kai. Easily Mahavidyalaya deoni	Maharashtra
84	Naseem Fatima	Assistant Proffessor	Physics	Govt Degree College Gulbarga	Govt Degree College, Kusnoor road Kalaburagi	Karnataka
85	Mahendra Shantaram Shinde	Assistant Professor	Physics	M.J.M. Arts, Commerce & Science College Karanjali (Peth),Dist-Nashik - 422 208.	Dept. of Physics, M.J.M. Arts, Commerce & Science College Karanjali (Peth),Dist-Nashik - 422 208.	Maharashtra
86	Ms. Katlakunta Sadhana	Assistant Professor	Physics	University College of Science, Saifabad	Department of Physics University College of Science, Saifabad Osmania University, Hyderabad-500004	Telangana
87	Dr. Jhuma Biswas	Assistant Professor	Physics	Pandu College	Pandu College, Department of Physics, Guwahati - 781012, Assam, India	Assam
88	Ramesh Chandra Huika	Lecturer	Physics	Rayagada Autonomous College, Rayagada	Rayagada Autonomous College, Rayagada	Odisha
89	N Saikondalu	Assistant Professor	Chemistry	Government Degree college	Malkajgiri Medchal	Telangana

Please join the course by 9.30 am on 7th December 2020.

1st Week Schedule

Date	10.00 to 11.30	11.45am to 1.15pm	2.00 to 3.30	3.45 to 5.15
07-12-2020 Monday	Inaugural Session	Inaugural Lecture By Dr. Katta Narsimha Reddy Former Vice-Chancellor, M. G. University President, TAS, TS	High TC & Topological Superconductors By Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad,	High TC & Topological Superconductors By Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad,
08-12-2020 Tuesday	Human Values & Ethics By Dr. Pradeep Kumar Ramancharla Professor of Civil Engineering & Registrar, IIITH, Hyderabad.	Human Values & Ethics By Dr. Pradeep Kumar Ramancharla Professor of Civil Engineering & Registrar, IIITH, Hyderabad.	Graphene doped Schottky diode gas sensor and their applications in Aero Space applications By Dr. K. Vijaya Kumar Dayananda Sagar University, Bangalore,	Synthesis and Characterization of Thermoelectric Materials By Dr.S.Neeleshwar Dept. of Physics GGS Indraparastha University New Delhi
09-12-2020 Wednesday	Spectroscopic Characterization and Classification of materials - With a tinge of Machine Learning. By Dr. Manoj Kumar Dept. of Physics, HCU, Hyderabad	Spectroscopic Characterization and Classification of materials - With a tinge of Machine Learning. By Dr. Manoj Kumar Dept. of Physics, HCU, Hyderabad	Role of Polymorphism on Materials Properties & Performances By Dr. G. Narsing Rao Gade MLRIT, Hyderabad	Role of Polymorphism on Materials Properties & Performances By Dr. G. Narsing Rao Gade Professor, Dept. of Physics, MLRIT, Hyderabad
10-12-2020 Thursday	X-Ray Photoelectron Spectroscopy - Surface Analysis Perspective By Dr. B. Sridhar Senior Scientist, ICT, Hyderabad	X-Ray Photoelectron Spectroscopy - Surface Analysis Perspective By Dr. B. Sridhar Senior Scientist, ICT, Hyderabad	Introduction to Non-Destructive Testing(NDT) and its application for structural integrity By Dr. S.V. Ranganayakulu Professor in Physics, Dean R & D Guru Nank Institutions Technical Campus	Introduction to Non-Destructive Testing(NDT) and its application for structural integrity By Dr. S.V. Ranganayakulu Professor in Physics, Dean R & D Guru Nank Institutions Technical Campus
11-12-2020 Friday	Physics of Nanomaterials By Prof. I. V. Subba Reddy GITAM University, Hyderabad	Physics of Nanomaterials By Prof. I. V. Subba Reddy GITAM University, Hyderabad	Review of Solar Cell Technologies By Dr. D. Suresh Babu Retd. Professor, Dept of Physics, OU., Hyderabad,	Review of Solar Cell Technologies By Dr. D. Suresh Babu Retd. Professor, Dept of Physics, Hyderabad.
12-12-2020 Saturday	HOLIDAY			

TEA BREAK

LUNCH BREAK

TEA BREAK

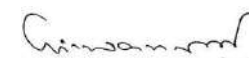


Dr.G.K.Viswanadh
DIRECTOR
UGC-HRDC, JNTUH.

**UGC Sponsored Online Two-week Inter Disciplinary Refresher Course on
“Materials Physics and Materials Science” (07-12-2020 to 21-12-2020)**

2nd week Time Table

Date	10.00 to 11.30	11.45 to 1.15	2.00 to 3.30	3.45 to 5.15
14-12-2020 Monday	Nano Magnetism and Applications By Dr. S. Srinath Professor of Physics, HCU, Hyderabad 9440491259, 9963268640 srinath@uohyd.ac.in	Heusler Alloy Thin Films For Spintronics Applications By Dr. S. Srinath Professor of Physics, HCU, Hyderabad	Microwave Dielectric Materials Characterization & NMR By Dr. K. Srinivas Scientist, DMRL, Hyderabad 9346962597, vasu72@gmail.com	Microwave Dielectric Materials Characterization & NMR By Dr. K. Srinivas Scientist, DMRL, Hyderabad
15-12-2020 Tuesday	Overview of Glassy Materials in the Present Science & Technology By Dr. G. Ramadevudu Sr. Assistant Professor, Department of Physics Vasavi College of Engineering, Hyderabad 9247802706 dr.ramdev@gmail.com	Preparation and Characterization of Glasses By Dr. G. Ramadevudu Sr. Assistant Professor, Department of Physics Vasavi College of Engineering, Hyderabad	Nanoscience and Technology: Future Challenges By Dr. S. Neeleshwar GGS Indhraprastha University New Delhi, 9971662685 sn@ipu.ac.in	Growth of novel functional materials By Dr. G. Narsing Rao Gade MLRIT, Hyderabad 8008092417, nsrao.phys@gmail.com
16-12-2020 Wednesday	X-Ray Diffraction By Dr. K. Venkateshwar Rao Professor of Nano Science & Technology CNST, IST, JNTUH kalagadda2003@jntuh.ac.in 9440858664	Nanostructures and Sensing By Dr. K. Venkateshwar Rao Professor of Nano Science & Technology CNST, IST, JNTUH kalagadda2003@jntuh.ac.in 9440858664	Magnetization Switching & SpinWave Dynamics in FM/FE Heterostructures By Dr. G. Venkataiah Asst. Professor, HCU, Hyderabad 9866141602, vgsp@uohyd.ac.in	Effect of Particle Size on Physical Properties of Nanoscale Magnetic Oxides By Dr. G. Venkataiah Asst. Professor, HCU, Hyderabad
17-12-2020 Thursday	TEM and Thermal Analysis By Dr. B. Sridhar Senior Scientist, IICT, Hyderabad 9849725213, sreedharbojja@gmail.com	TEM and Thermal Analysis By Dr. B. Sridhar Senior Scientist, IICT, Hyderabad	Computational Materials Science By Dr. G. S. Vaitheeshwaran Dept. of Physics, HCU, Hyderabad 9490942872, vaithee@uohyd.ac.in	Computational Materials Science By Dr. G. S. Vaitheeshwaran Dept. of Physics, HCU, Hyderabad
18-12-2020 Friday	21st Century materials By Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad, 9848212388 paduruvenugopalreddy@gmail.com	21st Century materials By Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad,	Physics for Engineers By Dr. D. Suresh Babu Retd. Professor, Dept of Physics, OU., Hyderabad s_devarasetty1956@yahoo.co.uk 9866115821	Physics for Engineers By Dr. D. Suresh Babu Retd. Professor, Dept of Physics, OU., Hyderabad
19-12-2020 Saturday	High Energy Materials By Dr. Manoj Kumar Dept. of Physics, HCU, Hyderabad 9989024408 myhunnmanoj@gmail.com	Magnetic Behaviour of Nano Systems BY Dr. S. Neeleshwar GGS Indhraprastha University New Delhi, 9971662685 sn@ipu.ac.in	Electronic Materials Processing and Technology By Dr. Y. Purushotham Scientist, C-MET, Hyderabad 9490324812 ypurushotham@cmet.gov.in	Electronic Materials Processing and Technology By Dr. Y. Purushotham Scientist, C-MET, Hyderabad
21-12-2020 Monday	Topological Materials By Dr. G. S. Vaitheeshwaran Dept. of Physics, HCU, Hyderabad 9490942872, vaithee@uohyd.ac.in	Topological Materials By Dr. G. S. Vaitheeshwaran Dept. of Physics, HCU, Hyderabad	EXAM	VALEDICTORY



DIRECTOR

S. No.	Title of the Programme	Schedule	Sponsored by	No. of Days	No. of Participants registered
1	Online Two-week Interdisciplinary Refresher Course on "Materials Physics and Materials Science"	07-12-2020 to 21-12-2020	UGC	12	89

Photo:

UGC Sponsored Two Week Online Refresher Course on
"MATERIALS PHYSICS AND MATERIALS SCIENCE"
(07-12-2020 to 21-12-2020)

Organized by
UGC- Human Resource Development Centre
Jawaharlal Nehru Technological University Hyderabad

ज्ञान-विज्ञान विमुक्तये

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Rector, JNTUH

Dr. M. Manzoor Hussain
Registrar, JNTUH

Dr. G.K. Viswanadh
Director, UGC-HRDC, JNTUH

Dr. K. Naga Sujatha
Dy. Director, UGC-HRDC, JNTUH

Dr. B.V. Ram Nares Reddy
Coordinator, RC-BCT

Dr. KATTA NARASIMHA REDDY
Former Vice-Chancellor, M.G. University & President TAS, T.S.
Chief Guest

UGC SPONSORED
ONLINE TWO WEEK REFRESHER COURSE ON
"BLOCKCHAIN TECHNOLOGY"
(07-12-2020 to 21-12-2020)
&
"Materials Physics and Materials Science"
(07-12-2020 to 21-12-2020)

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Dr. K. Vijay Kumar
Coordinator - MP & MS

Narasimha Reddy

BY RAMNARESH

Dr. M. Manzoor Hussai...

JNTUH HRDC

Dr. K. Naga Sujatha

G. Kavitha