

## DECLARATION

The Information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Course. If selected, I shall attend the course definitely for the entire duration. I also undertake the responsibility to inform the Director, UGC-Human Resource Development Centre, JNTUH, sufficiently in advance (at least one week), in case I am unable to attend the Course.

Place :  
Date :

Signature of the Applicant  
Name:

## SPONSORSHIP CERTIFICATE

Certified that \_\_\_\_\_ is a regular employee of our institution since \_\_\_\_\_, and is hereby sponsored for the Refresher Course on “Recent Trends in Physics of Materials Science and Technology”, at UGC – Human Resource Development Centre, JNTU Hyderabad during the period **17-07-2017 to 05-08-2017**. From the year \_\_\_\_\_, our College is affiliated to \_\_\_\_\_ University, which is approved by the UGC. Our College is \_\_\_\_\_ (included / not included) under 2(f) & 12(b) of UGC act. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /  
Principal / Director with Seal

Place:  
Date :

### **Note to Sponsoring Authority:**

1. It is mandatory that the sponsored teachers, if **selected**, should be deputed for the Course.
2. **Hardcopy application along with Rs. 1000/- D.D. is compulsory for confirming the participation.**

### **Financial Assistance:**

Outstation Teacher-participants may be paid upto a limit of A/C III tier railway fare (all trains) or A/C deluxe bus fare **on production of tickets.**

### **Accommodation:**

Accommodation will be provided to all non-local participants at University Guest House of JNTUH, Kukatpally, Hyderabad.

### **Venue:**

UGC-Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad - 500 085.

### **Important Dates:**

Last date for Receipt of Application at UGC - HRDC, JNTUH, Hyderabad	: 06-07-2017
Intimation of Selection to the candidates through e-mail/web/letter	: 07-07-2017
Confirmation by Participants by e-mail / FAX / Letter	: 11-07-2017
Course Commencement	: 17-07-2017

Advance copy of application may be submitted through e-mail followed by hardcopy.

**Note:** Participants are requested to look into website regularly for Selection List and for any other important information. **Even if the hard copy of the selection letter is not received by the selected participant, web information can be taken as authentic and he / she can attend the Course by producing the relieving letter from the concerned authorities.**

### **Address for all Correspondence:**

**The Director**  
UGC – Human Resource Development Centre,  
JNTU Hyderabad  
Kukatpally, Hyderabad - 500 085  
Telangana State, INDIA

Phone: 040- 23151610  
040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313  
e-mail: directorhrdcjntuh@yahoo.com  
web: www.jntuhrdc.in

## **Refresher Course on**

# **“Recent Trends in Physics of Materials Science and Technology”**

**(17-07-2017 to 05-08-2017)**

*Sponsored by*  
**University Grants Commission**

### **Coordinators:**

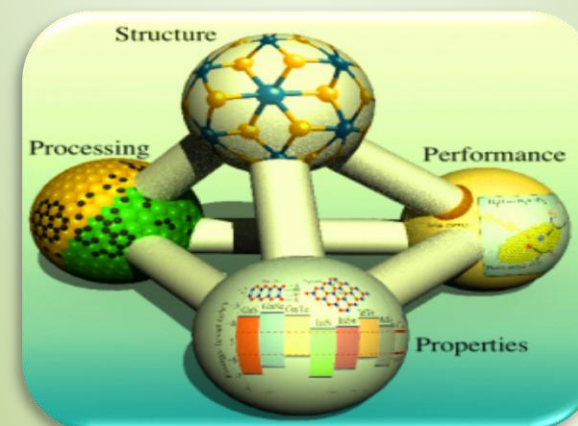
**Dr. S. Chandralingam**

Professor & Chairman, BOS, Dept. of Physics & Director, School of Continuing and Distance Education, JNTUH, Hyderabad, T.S.

**&**

**Dr. K. Vijaya Kumar**

Associate Professor, Dept. of Physics  
JNTUHCEJ, Jagtial Dist., T.S.



*Organized by*



**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE**  
Jawaharlal Nehru Technological University Hyderabad  
Kukatpally, Hyderabad - 500 085  
Telangana State, INDIA

### Introduction:

The UGC-Academic Staff College shall be known as UGC-Human Resource Development Centre (UGC-HRDC) hence forth as per XII Plan guidelines of the scheme 'Regional Centre for Capacity Building' (RCCB) and 'Human Resource Development Centre' (HRDC).

The UGC-Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad organizes Orientation Courses, Refresher Courses, and Short Term Courses on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis.

### The Refresher Course will enable the teachers to:

- Provide opportunities for teachers in service, to exchange experience with their peers and learn mutually from each other;
- Provide a forum for serving teachers to keep themselves abreast of the latest advances in various subjects;
- Create the culture of learning and self improvement among the teachers;
- Provide opportunities to further widen their knowledge and to pursue research studies, and
- Give an introduction to new methods and innovations in higher education and enlighten them so that the participants can in turn develop their own innovative methods of instruction.

During the current academic year 2017-2018, a Three-Week Refresher Course on “Recent Trends in Physics of Materials Science and Technology” is proposed to be organised during **17-07-2017 to 05-08-2017**, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of 'first -come-first-serve'.

### Eligibility:

- **Teachers working in Universities and Colleges**, that are included under section 2(f) of the UGC Act, even though they may not yet be fit to be included under Section 12 (B), are eligible to participate in this course. The teachers of colleges that do not yet come within the purview of Section 12(B), but have been affiliated to a University for at least two years, will be permitted to participate in this course. However they won't be paid TA/DA and other allowances for attending these courses.
- **Faculty from the departments of Physics, Chemistry, Materials Science and related disciplines.**

- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Course.
- It is mandatory that sponsored teachers, if selected, should participate in the Course.
- **Part-Time/Adhoc/temporary/contract teachers** who have been teaching for at least three academic sessions in an Institution which has been affiliated to a University for at least two years may be permitted to participate in the Course.

### Registration Fee:

Every Teacher Participant shall pay an admission fee (non-refundable) of Rs. 1000/- through D.D. in favour of Director, UGC-Human Resource Development Centre, JNT University Hyderabad, payable at Hyderabad, along with the through proper channel application.

### Confirmation by Participants:

Confirmation by Participants is a must, as per the date specified overleaf. If the confirmed number of participants is less than 30, the course may be re-scheduled.

### Main Subject Contents:

- **Preparation techniques of Materials**
- **Characterization of Materials and Applications**
- **Recent developments in Physics and Materials Science**

### Note:

During the course, each teacher-participant will be required to present a seminar presentation and also work on a mini project on important topics related to the theme of this course.

### Faculty:

Resources persons are drawn from JNTUH, Osmania University, HCU and Central Govt. Labs. etc.

## APPLICATION FORM

### Refresher Course on “Recent Trends in Physics of Materials Science and Technology”

1. Name: .....
2. Date of Birth & Age: .....
3. Gender (M / F): .....
4. Qualifications:.....
5. Category: SC/ST/OBC/Any other.
6. Teaching Experience:.....
7. a) Designation :  
b) Department:  
c) Pay Scale & Present Basic :
8. a) Institution :  
b) Affiliating University:
9. Whether your University/College is included under 2(f) & 12 (B) of UGC act: YES / NO
10. Address for Communication:  
.....  
.....  
.....
11. College Address:  
.....  
.....  
.....
12. Phones Nos:  
(O)..... (R).....  
MOBILE:..... Fax:.....  
E - mail ID: .....
13. D.D.No., Date and Bank details:  
.....
14. Nearest Railway Station :.....
15. Previous Participation in UGC-HRDC Orientation & Refresher Courses:

S. No	Course Title	Date	Place

Web: www.jntuhhrdc.in  
Email: directorhrdcjntuh@yahoo.com



Ph : 040-23151610  
Fax: 040-23156795

**UGC-HUMAN RESOURCE DEVELOPMENT CENTRE**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
(Established by JNTU Act No. 30 of 2008)  
Kukatpally, Hyderabad – 500 085, Telangana State, India.

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**Dr. B. BALU NAIK**  
Professor of Mechanical Engineering &  
**DIRECTOR**

**Lr. No. JNTUH/UGC-HRDC/RC-RTPMST/2017-18**

**Date: 07-07-2017**

**Dear Participants,**

**Sub:** UGC-HRDC, JNTUH, Hyderabad - Three Weeks Refresher Course on “Recent Trends in Physics of Materials Science and Technology” from 17-07-2017 to 05-08-2017 – Selection – Intimation – Reg.

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This is with reference to your letter / e-mail expressing interest in participating in the Refresher Course on “Recent Trends in Physics of Materials Science and Technology” organized by the UGC Human Resource Development Centre, JNT University Hyderabad. We are happy to inform that, you have been provisionally selected for the above Course to be organized from 17-07-2017 to 05-08-2017.

**Participants should submit the Relieving letter and Certificate for claiming TA/DA (format enclosed) from the Head of the Institution at the time of Registration.**

As this is a contact based programme, no teacher will be allowed to leave during the operation of the programme. However, in case of emergency with the permission of the Director of HRDC, the participant can be allowed in exceptional circumstances to attend the similar number of hours in the next programme to complete the course. No certificate is to be issued to any participant unless adequate numbers of hours are completed by the concerned participant.

The course is scheduled at 10.00 AM on 17<sup>th</sup> July, 2017, at the UGC Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad – 500 085. You have to report at 9.30 A.M. on 17-07-2017 for registration. Kindly confirm your participation through e-mail / Fax / Courier on or before 11-07-2017 without fail. Looking forward to meet you on 17-07-2017.

Yours Sincerely,  
Sd/-  
**DIRECTOR**

Selection list of participants for the  
**Refresher Course on “Recent Trends in Physics of Materials Science and Technology”**  
(17-07-2017 to 05-08-2017)

**List of participants:**

1. Dr. Ch. Srinivasu, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad, T.S.
2. Dr. Ch. Venkateshwarlu, University College of Science, Saifabad, Osmania University, Hyderabad, T.S.
3. Dr. T. Somaiah, University College of Science, Saifabad, Osmania University, Hyderabad, T.S.
4. Dr. D. Jaikumar, Voorhees College, Vellore, Tamil Nadu
5. Balaji D. Alande, Sangolli Rayanna First Grade Constituent College, Belagavi, Karnataka
6. Dr. M. Elango, PSG College of Arts and Science, Coimbatore, Tamilnadu
7. Dr. M. Mohamed Naseer Ali, The New College (Autonomous), No. 87, Peter's Road, Royapettan, Chennai, Tamilnadu
8. Mohamed Roshan, Sadakathullah Appa College, Rahmath Nagar, Maharajanagar (P.O.), Tirunelveli, Tamilnadu
9. Dr. B. Gnanavel, Chikkaiah Naickar College, Erode, Tamilnadu
10. Jovita Theodore, Queen Mary's College, Chennai, KamarajarSalai, Tamilnadu
11. Chivukula Srikanth, Govt. College (Autonomous), Sedam Road, Kalaburagi, Karnataka
12. Basavaraj H. Nimbure, Govt. First Grade College, Humnabad, Bidar Dist., Karnataka
13. Dr. M. Venkata Narayana, University College for Women, OU, Koti, Hyderabad, T.S.
14. Dr. Jhuma Biswas, Birjhora Mahavidyalaya, Bongaigaon, Assam, Assam
15. Dr. Manoj Kumar Prajapati, Bhau Rao Devras Government P.G. College, Duddhi, Sonbhadra, U.P.
16. Dr. Atula Uday Patil, Rajaram College, Kolhapur, Shivaji University Road, Kolhapur
17. Dr. S. Narendra Babu, University College for Women, OU, Koti, Hyderabad, T.S.
18. Dr. Prasanth S., Sree Narayana College, Kollam, Kerala
19. N.K. Raut, Sunderrao Solanke Mahavidyalaya, Majagaon, M.S.
20. Dr. V. Vasantha Kumar, Vignan Institute of Technology & Science, Near Ramoji Film City, Hyderabad, T.S.
21. R. Balaji, Vignan Institute of Technology & Science, Near Ramoji Film City, Hyderabad, T.S.
22. R. Vasanthi, Queen Mary's College, KamarajarSalai, Chennai, Tamilnadu
23. N. Sivakumar, Chikkaiah Naicker College, Erode (Dist.), Tamilnadu
24. Dr. M. Parthibavarman, Chikkaiah Naicker College, Erode (Dist.), Tamilnadu
25. Dr. S. Meyvel, Chikkaiah Naicker College, Erode (Dist.), Tamilnadu
26. Dr. Kasukurthi Venkata Rao, S.B.V.R. Degree College, Badvel, Kadapa, A.P.
27. Dr. V. Vijayakumar, Voorhees College, Vellore, Tamilnadu, Tamilnadu
28. Upalaikar Rahul Ravindra, HPT Arts & RYK Science College, T.A. Kulkarni Nagar, College Road, Nasik, M.S.
29. Dr. Chandan Siam, Digboi College, Digboi, Assam
30. Dr. Vishnu Ramrao Huse, MGSM's Arts, Science & Commerce College, Chopda, Jalgaon Dist., Maharashtra

31. Dr. Patil Amol Vishnudas, I.C.S. College of Arts, Commerce & Science, Khed, Ratnagiri Dist., Maharashtra
32. Dr. Rajib Mahanta, Dibru College, Dibrugarh, Assam
33. N. Sivakumar, Chikkaiah Naicker College, Erode, Tamilnadu
34. G. S. Saitheeswaran, Advanced Centre of Research in High Energy Materials, University of Hyderabad, Gachibowli, Hyderabad, T.S.
35. Dr. Sucheta A. Gaikwad, Sir Parshurambhav College, Tilak Road, Pune, M.S.
36. Dr. B. Ramaiah, University College of Science, Saifabad, Osmania University, Hyderabad, T.S.
37. Dr. K. Suresh, Bharathiar University, Coimbatore, Tamilnadu
38. Khadke Udaykumar, Bheemanna Khandre Institute of Technology, Humnabad Road, Bhalki - 585328, Bidar Dist., Karnataka
39. Dr. Ginson P. Joseph, St. Thomas College, Pala, Arunapuram P.O., Kottayam, Kerala
40. Dr. Meera Rawat, H.N.B. Garhwal University, Srinagar, Garhwal, Uttarakhand
41. Dr. Vineet Kumar Agotiya, Central University of Jharkhand, Ranchi, Jharkhand
42. Dr. Shwetha D., University College of Science, Tumakuru, Karnataka
43. Dr. A. Gurusampath Kumar, Malla Reddy Engineering College (A), Maisammaguda, Secunderabad, T.S.
44. Dr. B. Ravinder Reddy, University College of Science, Saifabad, Hyderabad, T.S.
45. C. Chinnusamy, Arignar Anna Govt. Arts College, Namakkal, Tamilnadu
46. Kandasamy. M., Arignar Anna Govt. Arts College, Namakkal, Tamilnadu
47. Dr. N. Sethupathi, Arignar Anna Govt. Arts College, Namakkal, Tamilnadu
48. A. Usha Rani, Avvaiyar Govt. College for women, Karaikal, Puducherry
49. Naseem Fatima, Govt. Degree College, Kalaburagi, Karnataka
50. Dr. Aparna Dode, University College for Women, Koti, Hyderabad, T.S.
51. Dr. Sadhana Katlakunta, University College of Science, Saifabad, Hyderabad, T.S.

**Note:**

- Participants who have applied not through proper channel are requested to send the hardcopy application along with registration fee on or before 11-07-2017
- Teachers working in Universities and Colleges, that are included under section 2(f) of the UGC Act, even though they may not yet be fit to be included under Section 12 (B), are eligible to participate in the Course. The teachers of colleges that do not yet come within the purview of Section 12(B), but have been affiliated to a University for at least two years, will be permitted to participate in the Course. However they won't be paid TA/DA and other allowances for attending these courses.

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**UGC-sponsored Three Week Refresher Course on “Recent trends in Physics of Materials Science and Technology”**

**(17-07-2017 to 05-08-2017)**

**1<sup>st</sup> Week Time Table**

Date	10.00 to 11.30	11.45 to 1.15	2.00 to 3.30	3.45 to 5.15
<b>17-07-2017</b> <b>Monday</b>	Registration & Inaugural Session  <b>Chief Guest:</b> <b>Prof. A. Venugopal Reddy</b> <b>Hon’ble Vice-Chancellor, JNTUH, Hyderabad</b>	<b>Development of ultra high pure materials</b> By Dr. Y. Purushotham Scientist, C-MET, Hyderabad <b>9490324812</b> <a href="mailto:ypurushotham@cmet.gov.in">ypurushotham@cmet.gov.in</a>	<b>Introduction to Quantum Physics</b> By Dr. M. Siva Kumar Professor, HCU, Hyderabad <b>9989777871</b> <a href="mailto:msivakumar.m@gmail.com">msivakumar.m@gmail.com</a>	<b>Introduction to Quantum Physics</b> By Dr. M. Siva Kumar Professor, HCU, Hyderabad
<b>18-07-2017</b> <b>Tuesday</b>	<b>Crystal Growth Methods of Novel materials</b> by Dr. Narsing Rao Gade Post-Doc. Fellow, Assoc. Professor, Dept. of Physics, MLRIT, Hyderabad <b>8008092417</b> <a href="mailto:nsrao.phys@gmail.com">nsrao.phys@gmail.com</a>	<b>Crystal Growth Methods of Novel materials</b> by Dr. Narsing Rao Gade Post-Doc. Fellow, Assoc. Professor, Dept. of Physics, MLRIT, Hyderabad <b>8008092417</b> <a href="mailto:nsrao.phys@gmail.com">nsrao.phys@gmail.com</a>	<b>Nanotechnology: Recent Trends, Emerging Issues and Future Directions</b> by Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad, <b>9848212388</b> <a href="mailto:paduruvenugopalreddy@gmail.com">paduruvenugopalreddy@gmail.com</a>	<b>Nanotechnology: Recent Trends, Emerging Issues and Future Directions</b> By Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad
<b>19-07-2017</b> <b>Wednesday</b>	<b>Ferroelectric multi function materials</b> By Dr. G. Prasad Professor, Dept. of Physics, Osmania University, Hyderabad 9440157980, <a href="mailto:gudurup@gmail.com">gudurup@gmail.com</a>	<b>Ferroelectric multi function materials</b> By Dr. G. Prasad Professor, Dept. of Physics, Osmania University, Hyderabad	<b>Embedded Electronics [Threats, Trends, Implications] and Interdisciplinary Research</b> By Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad <b>9948439187</b> <a href="mailto:venugitam@yahoo.co.in">venugitam@yahoo.co.in</a>	<b>Embedded Electronics [Threats, Trends, Implications] and Interdisciplinary Research</b> By Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad
<b>20-07-2017</b> <b>Thursday</b>	<b>Sagnac Interferometer &amp; Sagnac Effect: Applications</b> by Dr. Sree Ramana Scientist F, RCI, DRDO, Hyderabad <b>9848624896</b> <a href="mailto:sreeramana@rcilab.in">sreeramana@rcilab.in</a>	<b>Sagnac Interferometer &amp; Sagnac Effect: Applications</b> by Dr. Sree Ramana Scientist F, RCI, DRDO, Hyderabad	<b>Physics in Real Life</b> by Dr. D. Suresh Babu Retd Professor, Dept. of Physics, Osmania University, Hyderabad <b>09866115821</b> <a href="mailto:s_devarasetty1956@yahoo.co.uk">s_devarasetty1956@yahoo.co.uk</a>	<b>Graphene Composites</b> by Dr. D. Suresh Babu Retd Professor, Dept. of Physics, Osmania University, Hyderabad
<b>21-07-2017</b> <b>Friday</b>	<b>Recent Advances in Nano Structure conducting polymers</b> by Dr. N. Narsimlu Asst. Professor, Dept. of Physics, UCE, OU, Hyderabad <b>9949617555</b> <a href="mailto:nluou@gmail.com">nluou@gmail.com</a>	<b>LIGO – A Technological Marvel</b> by Dr. Ch. Srinivas Asst. Professor, Dept. of Physics, University College of Technology, OU, Hyderabad <a href="mailto:dr_s_ch@yahoo.co.in">dr_s_ch@yahoo.co.in</a>	<b>E M radiation and Pollution</b> by Dr. D. Srinivasu Asst. Professor, Dept. of Physics, University College of Science, Saifabad, OU, Hyderabad <a href="mailto:drsriacharya@gmail.com">drsriacharya@gmail.com</a>	<b>Conducting Polymers</b> by Dr. P. Madhusudhan Rao Retd. Professor, JNTUHCEH Hyderabad <b>9849551151</b> <a href="mailto:pmpmphy@yahoo.co.in">pmpmphy@yahoo.co.in</a>
<b>22-07-2017</b> <b>Saturday</b>	<b>Electronic materials development and process technologies</b> By Dr. Y. Purushotham Scientist, C-MET, Hyderabad <b>9490324812</b> <a href="mailto:ypurushotham@cmet.gov.in">ypurushotham@cmet.gov.in</a>	<b>Electronic materials development and process technologies</b> By Dr. Y. Purushotham Scientist, C-MET, Hyderabad	<b>Role of Oxide ceramics in energy and environment</b> By Dr. M.B. Suresh Scientist-C, ARCI, Hyderabad <b>9441240039</b> <a href="mailto:mbsuri74@gmail.com">mbsuri74@gmail.com</a>	<b>Role of Oxide ceramics in energy and environment</b> By Dr. M.B. Suresh Scientist-C, ARCI, Hyderabad

Tea break

Lunch Break

TEA BREAK

**UGC-sponsored Three Week Refresher Course on “Recent trends in Physics of Materials Science and Technology”  
(17-07-2017 to 05-08-2017)**

**2<sup>nd</sup> Week Time Table**

Date	10.00 to 11.30	11.45 to 1.15	2.00 to 3.30	3.45 to 5.15
24-07-2017 Monday	Superparamagnetic monodispersed magnetic fluid nanoparticles: A next generation materials by Dr. Narsing Rao Gade Post-Doc. Fellow, Professor, Dept. of Physics, MLRIT, Hyderabad <b>8008092417</b> <a href="mailto:nsrao.phys@gmail.com">nsrao.phys@gmail.com</a>	Research Methodology and Research Funding By Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad <b>9948439187</b> <a href="mailto:venugitam@yahoo.co.in">venugitam@yahoo.co.in</a>	Time Management By Dr. G.L.K. Durga Retd. Principal AMS Arts and Science College for Women, Hyderabad <b>9346656051</b>	Stress Management By Dr. G.L.K. Durga Retd. Principal AMS Arts and Science College for Women, Hyderabad
25-07-2017 Tuesday	<b>Visit to International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Balapur</b>			
26-07-2017 Wednesday	Nanoscience and Nanotechnology: A surface science perspective By Dr. B. Sridhar Senior Scientist, IICT, Hyderabad 9849725213 <a href="mailto:sreedharbojja@gmail.com">sreedharbojja@gmail.com</a> <a href="http://www.iict.res.in">sreedharbojja@gmail.com</a>	Nanoscience and Nanotechnology: A surface science perspective By Dr. B. Sridhar Senior Scientist, IICT, Hyderabad 9849725213	Materials used for generating lasers By Dr. Prem Kiran Asst. Professor, Dept. of Physics ACRHEM, HCU, Hyderabad <b>9704234404</b> <a href="mailto:prem@uohyd.ac.in">prem@uohyd.ac.in</a>	Materials used for generating lasers By Dr. Prem Kiran Asst. Professor, Dept. of Physics ACRHEM, HCU, Hyderabad
27-07-2017 Thursday	Recent trends in spectroscopy for characterization of materials By Dr. Manoj Kumar Dept. of physics, HCU, Hyderabad <b>9989024408</b> <a href="mailto:myhunnmanoj@gmail.com">myhunnmanoj@gmail.com</a>	Recent trends in spectroscopy for characterization of materials By Dr. Manoj Kumar Dept. of physics, HCU, Hyderabad	High T <sub>c</sub> Superconductors by Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad, <b>9848212388</b> <a href="mailto:paduruvenugopalreddy@gmail.com">paduruvenugopalreddy@gmail.com</a>	Topological Insulators & Superconductors by Dr. P. Venu Gopal Reddy Retd. Professor, Osmania University, Hyderabad
28-07-2017 Friday	Applications of small angle neutron scattering By Dr. N. Narasimhulu Asst. Professor, Dept. of Physics, UCE, OU, Hyderabad <b>9949617555</b> <a href="mailto:nluou@gmail.com">nluou@gmail.com</a>	LHC – A Super Resolver By Dr. Ch. Srinivas Asst. Professor, Dept. of Physics, University College of Technology, OU, Hyderabad <a href="mailto:dr_s_ch@yahoo.co.in">dr_s_ch@yahoo.co.in</a>	Nano Materials for different applications By Dr. K. Venkateswra Rao Assoc. Professor & Head, CNST, IST, JNTUH, Hyderabad <b>9440858664</b> <a href="mailto:kalagadda2003@gmail.com">kalagadda2003@gmail.com</a>	Lab. Session at CNST, IST By Dr. K. Venkateswara Rao Assoc. Professor, Head, CNST, IST, JNTUH, Hyderabad
29-07-2016 Saturday	Yoga By Ms. N. Satyavathi Yoga Trainer, Satya Yoga Centre Secunderabad <b>9848592880</b>	Yoga By Ms. N. Satyavathi Yoga Trainer, Satya Yoga Centre Secunderabad	Recent advances in non-destructive testing composite structures by Dr. K. Srinivas Scientist, DMRL, Hyderabad 9346962597 <a href="mailto:vasu72@gmail.com">vasu72@gmail.com</a>	Recent advances in non-destructive testing composite structures by Dr. K. Srinivas Scientist, DMRL, Hyderabad

Tea Break

Lunch Break

TEA BREAK

# UGC-sponsored Three Week Refresher Course on “Recent trends in Physics of Materials Science and Technology”

(17-07-2017 to 05-08-2017)

## 3<sup>rd</sup> Week Time Table

Date	10.00 to 11.30		11.45 to 1.15		2.00 to 3.30		3.45 to 5.15
<b>31-07-2017</b> <b>Monday</b>	Seminar Presentation by the participants (Sl. No. 1 to 23 )  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad <b>9948439187</b> <a href="mailto:venugitam@yahoo.co.in">venugitam@yahoo.co.in</a>		Seminar Presentation by the participants  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad		Seminar Presentation by the participants  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad		Seminar Presentation by the participants  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad
<b>01-08-2017</b> <b>Tuesday</b>	Seminar Presentation by the participants (Sl. No. 24 to 47)  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad <b>9948439187</b> <a href="mailto:venugitam@yahoo.co.in">venugitam@yahoo.co.in</a>		Seminar Presentation by the participants  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad		Seminar Presentation by the participants  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad		Seminar Presentation by the participants  <b>Expert</b> Dr. K. Venugopal Reddy Retd. Professor, Dept. of Physics, Osmania University, Hyderabad
<b>02-08-2017</b> <b>Wednesday</b>	Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad <b>8341787215</b>	Tea break	Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad	Lunch Break	Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad	TEA BREAK	Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad
<b>03-08-2017</b> <b>Thursday</b>	Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad <b>8341787215</b>		Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad, T.S.		Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad		Micro Teaching Evaluation  <b>Expert:</b> Dr. A. Kamalakar Wing Commander, Corporate Trainer & Visiting Professor at NALSAR Law University, Hyderabad
<b>04-08-2017</b> <b>Friday</b>	Recent Trends in Laser interactions and uses in Physics of Materials Science and Technology at THz frequencies By Prof. S.P. Tiwari Retd. Professor, HCU, Hyderabad <b>9440696424</b> <a href="mailto:suryam.tewari@gmail.com">suryam.tewari@gmail.com</a>		Recent Trends in Laser interactions and uses in Physics of Materials Science and Technology at THz frequencies By Prof. S.P. Tiwari Retd. Professor, HCU, Hyderabad		Natural products : Isolation, Characterization, Application By Dr. K. Suresh Babu Professor, MLRITM, Hyderabad 9505235896 <a href="mailto:babuiict@gmail.com">babuiict@gmail.com</a>		Natural products : Isolation, Characterization, Application By Dr. K. Suresh Babu Professor, MLRITM, Hyderabad
<b>05-08-2016</b> <b>Saturday</b>	Nanomagnetism and Applications By Dr. S. Srinath Professor, Dept. of Physics, HCU, Hyderabad, T.S. <b>9440491259, 9963268640</b> <a href="mailto:srinath@uohyd.ac.in">srinath@uohyd.ac.in</a>		Multifunctional materials and Applications By Dr. S. Srinath Professor, Dept. of Physics, HCU, Hyderabad, T.S.		<b>Valedictory session</b> <b>Chief Guest</b> Dr. N. Yadaiah Registrar, JNTUH, Hyderabad		→



Name of the Course	Schedule	No. of days	Sponsored by	No. of Participants
Refresher Course - Recent Trends in Physics of Materials Science and Technology	17.07.2017 to 05.08.2017	18	UGC	51

### Group Photo

