

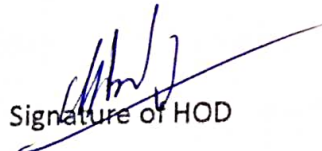
ONE WEEK ON LINE FDP PROGRAM ORGANIZED BY DEPARTMENT OF CHEMISTRY

AIT, CHIKMAGALUR

Date: 19-10-2020 to 23-10-2020

TOPIC: Advances in the synthesis of Nano materials and their applications in the field of Science and Engineering.

1. Resource person : Prof. Jayappa Manjanna Chairman, Dept of Chemistry, Rani channamma University, Belagavi
2. Resource person : Dr. H. B. Muralidhara. Associate professor, centre for incubation, innovation, Research and Consultancy, Jyothi Institute of Technology, Bangaluru.
3. Resource person : Dr. Sagar D Delekar Professor, Department of Chemistry, Shivaji University, Kholapur, Maharashtra.
4. Resource person: Dr. Suresh D Kulkarni Associate professor, Department of Atomic and Molecular Physics, MAHE, Manipal.
5. Resource person : Dr. Narendra Reddy Professor and Ramalingaswamy fellow, center for Incubation , Innovation, Research and Consultancy, Jyothi Institute of technology, Bangalore.


Signature of HOD

Head of the Dept.
Engg. Chemistry
A. I. T.
CHIKMAGALUR-577 107


Signature of Principal
Dr. C.T. JAYADEVA
Principal B.E.,M.Tech.,Ph.D
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

ONE WEEK ON LINE FDP PROGRAM ORGANIZED BY DEPARTMENT OF CHEMISTRY

AIT, CHIKMAGALUR

TOPIC: Advances in the synthesis of Nano materials and their applications in the field of Science and Engineering.

Date: 19-10-2020 to 23-10-2020

Registration link: [//forms.gle/tnHByAJf6rmESNCJA](https://forms.gle/tnHByAJf6rmESNCJA)

PROGRAM SCHEDULE:

DAY 1: 19-10-2020 : Resource person : Prof. Jayappa Manjanna.

Chairman, Dept of Chemistry, Rani channamma University, Belagavi. Mobile No.9916584954

Topic: "Applications of Nano technology in resources recycling and environmental waste management"

Number of participants: 39

DAY 2: 20-10-2020 : Resource person : Dr. H. B. Muralidhara.

Associate professor, centre for incubation, innovation, Research and Consultancy, Jyothi Institute of Technology, Bangaluru. Mobile No, 9739315239

Topic: "Nano materials for water and energy applications"

Number of participants: 35

DAY 3: 21-10-2020 : Resource person : Dr. Sagar D Delekar

Professor, Department of Chemistry, Shivaji University, Kholapur, Maharashtra. Mobilr No: 9890291575

Topic: " Functional Nano composites for solar energy harvesting"

Number of participants: 36

DAY 4: 22-10-2020 : Resource person: Dr. Suresh D Kulkarni

Associate professor, Department of Atomic and Molecular Physics, MAHE, Manipal.
Mobile No. 0820-2932309.

Number of participants: 32

Topic: " Swift chemical approaches to the synthesis of functional oxide nano particals".

DAY 5: 23-10-2020 : Resource person : Dr. Narendra Reddy

Professor and Ramalingaswamy fellow, center for Incubation , Innovation, Research and Consultancy,
Jyothi Institute of technology, Bangalore. Mobile No. 9611233707

Topic : " Nano material for Textile and Bio medical applications "

Number of participants: 37

Signature of HOD

Head of the Dept.
Engg. Chemistry
A. I. T.
CHIKMAGALUR-577 102

Signature of Principal

Dr. C.T. JAYADEVA
Principal B.E.,M.Tech.,Ph.D
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON

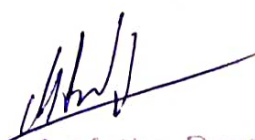
ADVANCES IN THE SYNTHESIS OF NANOMATERIALS AND THEIR APPLICATION IN
THE FIELD OF SCIENCE AND ENGINEERING

FROM 19-23 DEC 2020

ATTENDANCE LIST:

SL.NO	NAME	19-12-20	20-12-20	21-12-20	22-12-20	23-12-20
1	ABHILASH.D.T	P	P	A	P	A
2	NANDINI.K.K	P	A	P	P	P
3	KAVITHA.K.M	P	P	P	P	P
4	BASAVARAJAPPA.M.P	P	P	A	P	A
5	DR. B.M.KIRAN	P	P	P	P	P
6	VILAS WATWE	P	A	A	P	A
7	GOPALAKRISHNA.C	P	A	P	A	P
8	DR. RAMEGOWDA	P	P	P	P	P
9	ANANTHE GOWDA	P	P	P	P	P
10	SANGAREDDY.B.KURTAKOTA	P	A	A	P	P
11	ANILKUMAR.C	P	A	P	A	P
12	HARISH.S	P	P	A	P	A
13	DR. GOWTHAM. M.A	P	A	P	A	P
14	DHANALAKSHMI.B	P	P	A	P	A
15	GOUTHAM.D.R	P	P	P	P	P
16	ARJUN.B	P	P	A	P	A
17	NAVEEN KUMAR.S.M	P	A	P	A	P
18	SUCHITH KUMAR.M.T	P	P	A	P	A
19	DR.G.M.SATYANARAYANA	P	P	P	P	P
20	RACHAN D SHEKAR	P	A	P	A	P
21	DR.SHRIKANTH.A.S	P	P	P	P	P
22	VINAYA.K.U	P	A	P	A	P
23	KUMAR.M.V	P	P	A	P	A
24	SUMAN.M.H	P	P	P	P	P
25	PRATHIBHA PATIL	P	P	A	P	A
26	VEENA.K.P	P	A	P	A	P
27	DR.MALLIKARJUNA.H.L	P	P	P	P	P
28	B.G. KARUMBIAH	P	A	P	A	P
29	MOHAN.K.R	P	P	P	P	P
30	NIKIL.Y.G	P	P	A	P	A
31	KIRAN KUMAR.P	P	A	P	A	P
32	BHARATH.P	P	P	P	P	P
33	DR. VITTALA RAO.K.S	P	P	P	P	P

36	PROF.K.C.REVANSIDDAPPA	P	P	A	P	A
37	DR.N.DAMODHARA	P	P	P	P	P
38	PRASHANTHA SOMAYAJI.K	P	P	P	P	P
39	DR.B.V.BASAVARAJAPPA	P	P	P	P	P
40						
41						


Head of the Dept.
Engg. Chemistry
A. J. T.
CHIKMAGALUR-577 102


ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON
ADVANCES IN THE SYNTHESIS OF NANOMATERIALS AND THEIR APPLICATION IN
THE FIELD OF SCIENCE AND ENGINEERING

FROM 19-23 DEC 2020

BUDGET/ EXPENDITURE:

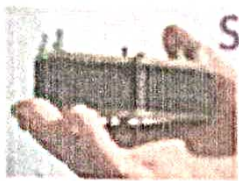
1. ALLOWANCE OF RESOURCE PERSON : 15,000=00

Total : 15,000=00



Head of the Dept.
Engg. Chemistry
A. I. T.
CHIKMAGALUR-577 102



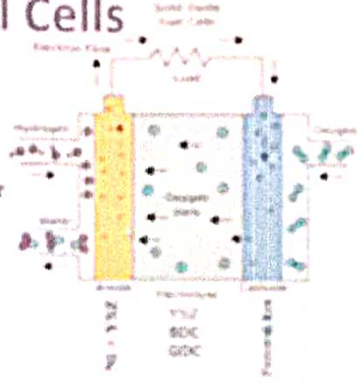




Solid oxide Fuel Cells

Powered by
StreamYard

In SOFC, hydrogen is combusted in presence of oxygen to produce electrical energy:
 $2H_2 + O_2 \rightarrow 2H_2O + \text{energy}$
 Intermediate temperature (IT) SOFC operating at ca. **773-1073 K** has many advantages over high temperature SOFC.

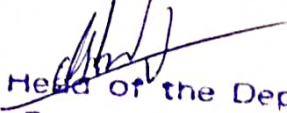
Rare earth (RE) doped ceria is being studied as electrolyte for IT-SOFC. We have focused on developing these materials to improve the oxygen ion conductivity, reduce the polarization resistance and improve their stability to operate at IT.



Dr. Jayappa Manjanna, Chairman, Dept of

Screen Shot of One Week On Line Fdp Program On Advances In The Synthesis Of Nano Materials And Their Applications In The Field Of Science And Engineering


 Head of the Dept.
 Engg. Chemistry
A. I. T.
CHIKMAGALUR-577 102