



A WEB BASED

“Chemistry Orientation Workshop for Competitive Examinations”

with test series

COWCE-21

For MSc. (Chemistry) Students

Organized by

Association of Chemistry Teachers (ACT)

C/o, Homi Bhabha Centre for Science Education (HBCSE)

TIFR, Mumbai

In collaboration with

Indian National Young Academy of Sciences (INIAS)

6-13 March 2021



01

Target Audience

PG (Chemistry) Students

Competitive examinations like CSIR-NET, SET, GATE are stepping stone for pursuing the career paths in teaching and research

02

Duration

06th – 13th March 2021

Deadline for Registration

3rd March 2021

03

Daily two lectures

10.00 a.m. to 12.00 noon

Daily two MCQ based examinations In the evening



A One Week Orientation Program for PG Chemistry Students (ONLINE)



This program will provide insights on problem solving approach
from experts followed by online assessment.

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Deadline for registration
3rd March 2021

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This programme
is **FREE** of cost.

Kindly register at

<https://forms.gle/y0ZaC8h7p89nayPg6>

Introduction



Evaluation has always remained at the heart of Teaching and Learning. The widely accepted pattern in Central and State boards across India at secondary and higher secondary level as well as at University education (Undergraduate and Post Graduate level) for evaluation of the students is through short answer questions and long answer questions in pen and paper mode.

Methods adopted to prepare the students for these regular college/university examinations, generally found not very useful to succeed in national level competitive examinations in Chemistry, such as CSIR-NET, SET, GATE, as these examinations are much more challenging and have different formats. They require meticulous planning. Often, students preparing for these examinations have common difficulties either in understanding or tackling the questions asked. Obviously the percentage of candidates succeeding in these examinations has been low.

Keeping this need of chemistry graduates in mind, Association of Chemistry Teachers (ACT), in collaboration with Indian National Young Academy of Sciences (INyas), wishes to organize A One-Week Chemistry Orientation Workshop (online) for Competitive Examinations – 'COWCE-21'.



Evaluation has
always remained at
the heart of Teaching
and Learning.



Methods adopted by the
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not very useful to succeed
in national level
competitive examinations.



ACT & INyas wish
to organize A One-Week
Chemistry Orientation
Workshop (online) for
Competitive Examinations
'COWCE-21'

This workshop will be conducted in online mode and will be focused on some important topics and concepts in chemistry, particularly at the PG level.



ABOUT ACT

Association of Chemistry Teachers
C/o, Homi Bhabha Centre for Science Education (HBCSE)
TIFR, Mumbai

The Association of Chemistry Teachers [ACT] was launched in the year 2000 to serve as an apex national body of chemistry educators to promote excellence in chemistry education. The idea of formulating ACT was conceptualised by Homi Bhabha Centre for Science Education (HBCSE), TIFR, Mumbai.

The Association brings together on a common platform for higher secondary school teachers, college / university teachers / professors, scientists and researchers from industry for organizing subject related activities.

The activities are organized through the six zonal councils with headquarter of Mumbai.

The focal activities of ACT include;

- The Association plays a pivotal role in organizing the National Standard Examination in Chemistry (NSEC) which is the first stage examination leading to participation in the International Chemistry Olympiad. It is indeed a matter of gratification and pride over the years that India's performance in the International Chemistry Olympiad has been consistently encouraging.
- National Convention of Chemistry Teachers (NCCT), a regular 3 day Annual Convention of ACT comprises of award giving ceremony to outstanding teachers in different fields, talks by eminent person, demonstration of new interesting experiments, oral and poster presentation by teacher participants.
- ACT has been conducting a Concept Test in Chemistry (CONTECH), a competitive test at National level for undergraduate (UG) students in two phases is not only useful in testing conceptual understanding of students in chemistry but is also helpful in generating students' interest in chemistry.
- Apart from several regional level conferences and symposia, workshops are also held for the benefit of students and research scholars.
- The ACT Newsletter includes articles on Chemistry themes and chemistry related activities.



ABOUT INYAS

Indian National Young Academy of Sciences

Indian National Young Academy of Sciences (INYAS) was founded by the INSA council in December 2014 with a vision to promote Science education and networking among young Scientists at National as well as International level.

INYAS has undertaken many initiatives, such as National Frontiers of Science meetings, technical symposia, Science outreach camps, remote area lectures, career awareness workshops and webinars on current topics to connect the young scientists of the country and rest of the world for Science promotion.

INYAS provides a platform to exchange ideas, initiate discussions on scientific topics, collaborations among the new generation of scientists. During Covid-19 Pandemic, INYAS members have organized many webinars for covid-19 awareness also. During 20-25 July, INYAS members have organized Continuous Competitive Exams in Physics Test Series (ConCEPTS) online workshop for MSc (Physics) students. It has received huge response from the students from all over the country. Inspired by this huge response, similar workshop for chemistry student is planned.

“ All the INYAS activities are available in the INYAS
webpage : <https://inyas.in>

YouTube Channel :

<https://www.youtube.com/c/INYASYouTube/videos> ”

Salient features of the Workshop

- The workshop for M.Sc. (Chemistry) students.
- Seven days training, through online lectures by the experts in the field.
- Orientation to important questions and topics of National level competitive examinations like NET/SET/GATE.
- Two lectures daily, each of one-hour duration.
- MCQ based two tests daily on the topics covered and their assessment.
- Feedback to the participants on daily basis in online mode.

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Deadline for registration

3rd March 2021

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<https://forms.gle/voZaC8h7p89navPg6>

This programme is FREE of cost.



Patrons



Dr. Brijesh Pare

ACT-President



Dr. D. V. Prabhu

ACT-General Secretary



Course Co-ordinators

(ACT Cordinators)



Dr Hemant Khanolkar

ACT-Treasurer

Fr. Conceicao Radrigues College
of Engineering, Bandra, Mumbai



Dr Subhash P Singh

ACT-Zonal Secretary (East Zone)

A N College, Patna



Dr Amar Srivastava

ACT-Executive Council Member
(North Zone)

DAV (PG) College, Kanpur



Course Co-ordinators

(INYAS Coordinators)



Dr Vivek Parkar



Dr Shankar Kausley



Dr Prabhat Singh



Resource Persons

Experts from reputed institutions.

Help our students become human.

Our efforts must never produce learned monsters, skilled psychopaths, and educated illiterates. Reading, writing, arithmetic are important only if they serve to make our children more humane.



Aarogya Setu

संपर्क | अपडेट | समाधान

