

A22/chem2



BARASAT COLLEGE

(Affiliated to West Bengal State University)

1, Kalyani Road, P.O. Nabapally,

P.S. Barasat, Kolkata-700126

Phone:033-35564702

E-mail:barasatcollege72@yahoo.com

Website:www.barasatcollege.ac.in

Ref No. BCN/ADD/DEPT_CHEM/0802/2022

Date: 8th April, 2022

NOTICE

This is to notify that the Department of Chemistry will conduct an Add-on Course on Addressing Air Pollution from 16th April to 30th April, 2022 on Google Meet from 5. P.M to 7 P.M. Interested students should register for the course to the H.O.D, department of Chemistry within 15th April, 2022.

Dr. Parthapratim Dasgupta
.M.A, M.Phil, Ph.D
Principal
Barasat College



BARASAT COLLEGE

(Affiliated to West Bengal State University)

1, Kalyani Road, P.O. Nabapally, Phone-(033)2542-3656

P.S. Barasat, Kolkata-700126

Website:www.barasatcollege.ac.in

E-mail:barasatcollege72@yahoo.com

Add-On Course-2

Course Name: Addressing Air Pollution

DATE AND TIME - 16-30 APRIL, 2022, 5.00 - 7.00 PM

Mode: Online (Google Meet)

Instructor: Dr.Tanmay_Malakar

Syllabus:

Date	Contents	Time
16/4/22	Global and National Energy Scenarios <ul style="list-style-type: none">Forms & Characteristics of Renewable Energy Sources	5.00-7.00 pm
17/4/22	Solar Energy <ul style="list-style-type: none">Solar radiation measurementSolar thermal Collectors: Flat plate and concentrating collector	5.00-7.00 pm
18/4/22	Principle of Flat Plate Collector <ul style="list-style-type: none">Solar still, Solar water heaters, Solar cookers & solar driers	5.00-7.00 pm
19/4/22	Principle of Photovoltaic Conversion of Solar energy <ul style="list-style-type: none">Types of solar cell	5.00-7.00 pm
20/4/22	Photovoltaic systems and application	5.00-7.00 pm
21/4/22	PV system design and economics	5.00-7.00 pm
22/4/22	Biomass Resources <ul style="list-style-type: none">Classification and Characteristics of Biomass	5.00-7.00 pm
23/4/22	Biomass conversion <ul style="list-style-type: none">Combustion, gasification, pyrolysisAnaerobic digestion, alcohol production, Biodiesel	5.00-7.00 pm
24/4/22	Principle of Wind Energy Conversion <ul style="list-style-type: none">Wind CharacteristicsResource assessment	5.00-7.00 pm
25/4/22	Wind Energy Conversion System: Betz limit, Application, and Economics	5.00-7.00 pm
26/4/22	Principle of Hydropower <ul style="list-style-type: none">Classification of hydropower plants	5.00-7.00 pm


Dr. Parthapratim Dasgupta
.M.A, M.Phil, Ph.D
Principal
Barasat College

	<ul style="list-style-type: none"> • Elements of hydroelectric power plant 	
27/4/22	Environmental issues with large hydro projects	5.00-7.00 pm
28/4/22	Principle of Ocean thermal energy conversion system <ul style="list-style-type: none"> • Ocean thermal power plants 	5.00-7.00 pm
29/4/22	Principle of wave energy conversion and tidal energy conversion	5.00-7.00 pm
30/4/22	Origin of geothermal resources <ul style="list-style-type: none"> • Types of geothermal energy deposits • Site selection • Geothermal power plants 	5.00-7.00 pm

Course Acknowledgement: <https://luit.tezu.ernet.in>



Dr. Parthapratim Dasgupta
M.A, M.Phil, Ph.D
Principal
Barasat College