

SCIENCE ACADEMIES' EDUCATION PROGRAMME

SEP/RC/June-July/2017

19 January 2017

JOINT SCIENCE EDUCATION PANEL

Indian Academy of Sciences

Sebastian, K. L.

(Chairman)

Arunan, E.

Bachhawat, A. K.

Balakrishnan, V.

Chattopadhyay, Nitin

Dhar, Deepak

Mukunda, N.

Murthy, M.R.N.

Radhakrishnan, T. P.

Rangarajan, Govindan

Saidapur, S.K.

Sankaran, P.

Satheesh, S.K.

Sengupta, Pulak

Subramaniam,

Annapurni

Indian National Science Academy

Chattaraj, P. K.

Chattoo, B.B.

Chaudhuri, Probal

Goswami, J.N.

The National Academy of Sciences, India

Dimri, V.P.

Khurana, Paramjit

Misra, Gadadhar

Mittal, J.P.

Contact Address

Mahabaleswara, T.D.

Coordinator

Refresher Courses &
Lecture Workshops

Indian Academy of
Sciences

P.B. No. 8005

C.V. Raman Avenue

Sadashivanagar P.O.

Bengaluru 560 080

India

Telephone:

91-80-2266 1210

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Fax:

Dr R. H. Ladda
Ex. Principal
Dayanand Science College
Latur 413 512

Sub: Refresher Course on ^{Theoretical} "Chemistry" at Dayananda Science College, Latur during 21 June to 05 July 2017.

Dear Dr Ladda,

This has reference to your letter forwarding a proposal and budget for organizing a Refresher Course in Dayananda Science College, Latur. The Joint Science Education Panel of the three Academies will be happy to sponsor and support the Refresher Course. We note that Prof. Dilip Dhavale (Savitribai Phule University, Pune) will be the Course Director and you will be the Course Co-ordinator.

- Your budget of Rs 8,65,500/- for 25 participants (inclusive of **travel expenses/ boarding and lodging** for Resource Persons has been approved by the Science Education Panel. **Please note that extra expenditure from the sanctioned budget heads to be met by the host institution.**
- Please note that only the names of Convener and Coordinator of the Workshop should be included in brochure/invitation etc. Names of members of the management, organizing committees, patrons etc should be strictly avoided.
- As the Refresher Course is an all India one, it has to be advertised in our journals **RESONANCE** and **CURRENT SCIENCE** (copy of a typical announcement is attached). Please send us a draft of your announcement.
- Applications should be submitted online through a link which will be available in our website. The Course Director and Coordinator will be provided a user-id/password to enable them to view the applications and make the selections.
- Refresher Courses are sponsored and supported by the three National Science Academies - IASc, INSA and NASI. The names of INDIAN ACADEMY OF SCIENCES (BANGALORE), INDIAN NATIONAL SCIENCE ACADEMY (NEW DELHI) and THE NATIONAL ACADEMY OF SCIENCES, INDIA (ALLAHABAD) should therefore be mentioned in all publicity material such as programme sheet, invitation cards, etc.
- The Course should be called "Science Academies' Refresher Course in "Chemistry".

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(g) Please send 4-5 copies of the printed programme when ready.

(h) Funds for organizing the Course can be sent as an advance by electronic transfer. This can be sent after a bank account is opened and the following details are provided to us:

1. Name of the Bank:
2. Name of the Branch:
3. Account No.:
4. Name of the Account Holder
(in the name of Refresher Course);
5. IFSC - code (for Non-SBI accounts)

If necessary, an authorization letter from the Academy to the bank to open the Savings Bank account can be sent to you after we hear from you.

(i) The audited expenditure statement/utilization certificate duly signed by competent authority (CA or Financial Controller) to be sent along with the report, once the Course is over. This is required for the Audit compliance.

(j) A CD containing the resource materials has to be made available at the Academy website. The Academy would like to make the educational material made for the course available to a large audience at its website, Hence a CD containing the material (without infringement on the copyright issues) has to be made available by the course director to the Academy.

Please go ahead with organizing the Course in consultation with Professor Dilip Dhavale and keep in touch with the Academy about the progress.

Best wishes,

Yours sincerely,



T. D. Mahabaleswara

Coordinator (LW/RC), Science Education Panel



Dayanand Science College, Latur
Format for sending Statement of Expenditure for Refresher Courses

Refresher Course in General Chemistry

Dates- 21st to 05th July, 2017

Total participants approved by IAS:- 35 No. actually participated - 21

(Students: 5 ; Teachers: 16; Resource Persons: 7 ; Supporting Staff: 4)

Sl. No.	Budget head / amount sanctioned (Rs)	Bill No. & Date	Particulars (name of payee/item)	Amount spent
1	Publicity: Rs _____ Banner, circular, registration forms, programme cards invitation cards, letter of attendance, etc	14.06.2017	a. Varma Xerox, Latur for Invitation Colour Print 50 Nos and Pocket 50 Nos	715
		28.06.2017	b. Varma Xerox, Latur for Colour Stiker Print and Papre Cutting	340
		63	c. Chintamani Digital, Latur for Banners 8x6 size 2 Nos. and 4x3 size 1 Nos.	1188
		14.06.2017	d. Vaishnai Graphics, Latur for Information Brocher Chemistry 500Nos.	4700
		617	and Brocher Pocket Printing 500Nos.	
		29.04.2017	Total	6943
2	Registration & stationery: Rs _____ (Bag, pad, pen, pencil, photostat copies etc)	1126	a. M/s Yogeshwari Bag, Latur for Office Bag 40 Nos.	8000
		09.06.2017		
		1180	b. M/s Latur Genral Stores, Latur for 172pg LoB. Reg. 35 Nos. and Pen 35 Nos.	1461
		30.05.2017		
		1126	c. M/s Maharashtra Stationers, Latur for stiker	250
		28.04.2017		
		8485	d. M/s Latur Genral Stores, Latur for 272 A4 Longbook 24 Nos.	1200
		29.06.2017		
		8830	e. M/s Latur Genral Stores, Latur for Kohinoor Spring file kobra - 6 Nos.	228
		12.07.2017		
24.06.2017	f. Shri Dattabook and Stationer, Latur Marker Pen 4 Nos.	80		
1107	g. M/s Gajanan General & Book Center , Latur for Pen 1 Nos.	20		
37	h. Principal, Dayanand Science College, Latur Kapur, Kuñku, Halad, Agarbatti, Kadipeti, Oil, Wati	81		
		21/06/2017	Total	11320
3	TA for outstation participants: Rs _____ (copies of tickets to be included with the TA form)	04.07.2017	a. Rs 2780 for Dr. S. Rajagopal	2780
		04.07.2017	b. Rs. 3880 for Dr. M. Shiva Prasad	3880
		04.07.2017	c. Rs 5126 for Dr Tapas Kr. Adalder	5126
		05.07.2017	d. Rs 1660 for Dr Sushma Katade	1660
		05.07.2017	e. Rs 300 for Dr. Smt. Shetkar Hirkan Channappa	300
		05.07.2017	f. Rs 440 for Diwate Arati Vijaykumar	440

		05.07.2017	g. Rs 440 for Gawali Rakhi Gajanan	440
		04.07.2017	h. Rs 2559 for S. Periasamy	2559
		05.07.2017	i. Rs 2942 for Dr. Praveen S. Mugali	2942
		04.07.2017	j. Rs 8005 for Dr. Bipin Chandra Joshi	8005
		04.07.2017	k. Rs 2374 for Sheetal Marganakop	2374
		14.06.2017	l. Cancelled ticket	210
		05.07.2017	m. Shaikh Masrat Barkat Ali T. A. for 15 dyas x 100	1500
		05.07.2017	n. Sanap B. B. T. A. for 15 dyas x 100	1500
		05.07.2017	o. Shinde R. S. T. A. for 15 dyas x 100	1500
		05.07.2017	p. Patil Kiran Dayanand T. A. for 15 dyas x 100	1500
		05.07.2017	q. Mule Bhagyashri Ram T. A. for 15 dyas x 100	1500
		05.07.2017	r. Asma Turab Biradar T. A. for 15 dyas x 100	1500
		05.07.2017	s. Syed Asri Arsheen Arif T. A. for 15 dyas x 100	1500
		05.07.2017	t. Ibatte Shyam Nagayya T. A. for 15 dyas x 100	1500
		05.07.2017	u. Jaman Adelu Angulwar T. A. for 15 dyas x 100	1500
		05.07.2017	v. Nanda Shesherao Korde T. A. for 15 dyas x 100	1500
			Total	45716
4	Lodging, Boarding, Food Expenses for 25 outstation participants: Rs _____	111	a. M/s Vimal Girls Hostel, Latur for Dr. Sushma Katade, Mrs. H. C. Shetakar, A. V. Diwate and R. G. Gawali	24000
		07.07.2017		
		4889	b. M/s Latur Guest House, Latur for Dr. Bipin Joshi, Tapaskuma A, S. Perisamy, S. Margankop, P. R. Mugali, S. Rajgopal, Dr. Shivprasad 15 days 400x15 = 6000	42000
		05.07.2017		
		05.07.2017	c. M/s Raj Ketars, Latur. For Working Lunch for 40 persons 40x200x15 day's Perrons Breakfast and Dinner 21 Persons x 250 x 15 days	198,750
			Total	264750
5	a. Lodging/Boarding for resource persons	07.07.2017	a. M/s Hotel Embassy International, Latur for Prof. Dilip Dhavale, Prof. Suresh Waghmode, Prof. M. S. Wadia, Prof. V. D. Bopade, Prof. Sangita Makone and Prof. M. M. Karade	34408
	b. Local transport	13483	a. M.H. M. Treders Indian Oil Diler, Latur For Petrol	1000
		04.07.2017	b. Uday Atomotive Services, Latur Petrol	1000
		84159		
		8.7.2017	c. Ganesh Tours & Travels MH-24-V-1892	7500
		453		
			Total	43908

6	Travel expenses for resource persons	23.06.2017	a. Dr Dilip Dhavale	1440
			b. Dr Dilip Dhavale	1530
		01.07.2017	c. Dr Vivek D. Bobade	1600
		28.06.2017	d. Dr Suresh B. Waghmode	2020
		04.07.2017	e. Dr Makone Sangita Sanjay	492
		26.06.2017	f. Dr Prof. N. N. Karade	2000
		26.06.2017	g. Dr M. S. Wadia	1330
		Total		
7	a. Honorarium for resource persons (at Rs. 2000/- per lecture)	05.07.2017	a. Dr .Dilip Dhavale	20000
		04.07.2017	b. Dr Sangita Makone	12000
			c. Dr V. D. Boabade	24000
		23.06.2017	b. Dr Dilip Dhavale	14000
		29.06.2017	c. Dr. Suresh Waghmode	18000
		26.06.2017	d. Dr. M. S. Wadia	14000
		26.06.2017	e. Dr. Nankishor Karade	24000
	b. Honorarium for Course Director/co-ordinator (Rs 4000/ Rs 3000)	23.06.2017	a. Dr Dilip Dhavale	4000
		07.07.2017	b. Dr. R. H. Ladda	3000
	c. Honorarium for supporting staff (not to exceed overall Rs. 7000/-)	06.07.2017	a. Dr. Y. P. Sarnikar	1750
		06.07.2017	b. Shri. Popat Bajpai	1750
		06.07.2017	c. Shri. Shaikh M. S.	1750
		07.07.2017	d. Shri. Naikwade V. A.	1750
		Total		
8	Books for participants @ Rs 1250/- per participant (only for theoretical courses): Rs _____	933	a. M/s Vivek Book Center, Latur	34781
		17.06.2017	R. L. Madan - Cheistry for II year Degree students- 35 Nos. R. L. Madan - Chemsirty of III year degree Students - 35 Nos.	
		Total		
9	Contingency Photographs, excursion, certificates, special dinner, postage, batteries etc. (not to exceed 5% of total expenditure)	1435	a. Rahul Digital Photo Studio, Latur Small Photo - 50 & 8x12 size 30Nos	3250
		1927	b. Colour Lab, Latur for Duracell 06	228
		20.06.2017 23206	c.M/s Sonai Petroleum for Diesel 6 Ltr.	350
		01.07.2017 220	d. M/s Joganoyan Ketars, Latur. For Working Special dinner for 35 persons 30x300 days	10,500
		03.07.2017		
		02.07..2017	e. Vrandavan Restarrant, Latur for Tea	102



Science Academies' Refresher Course in General Chemistry

Dayanand Science College, Latur (Maharashtra)

21st June to 5th July, 2017

Sponsored by Indian Academy Of Sciences, Bangalore

**Indian National Science Academy, New Delhi The National Academy of Science, India,
Allahabad In Collaboration with Dayanand Science College, Latur (Maharashtra)**

REPORT

Registration: - On 21st June, 2017 at 9.30 am Registration of the participants started. Bag, Pen, Register and timetable were issued to all the registered participants in all 21.

All India Science Academies Two Week's Refresher course in General Chemistry was held at Dayanand Science college, Latur from 21st June to 5th July, 2017.

The refresher course was inaugurated by the course Director Prof. Dr. Dilip Dhavale, Department of Chemistry, Savitribai Phule University, Pune and Principal of Rajarshi Shau College, Latur Dr. S. D. Salunke, Principal of Dayanand Science College Dr. J. S. Darad, Head Dept. of Chemistry Dayanand Science College, Latur Prof. Y. P. Sarnikar, on 21st June at 11.00 am.

Dr. Dilip Dhavale has expressed the importance of Refresher Courses and the subject matter used in this Refresher Course how it is useful for undergraduate Teachers in their regular Teaching Dr. S. D. Salunke have given the presentation about the Refresher Course. Principal Dr. J. S. Dargad has explained about the college activities and the importance of Refresher Course in Higher Education. The college has an excellent track record in academic development.

College has organized 14 INSPIRE Camps for meritorious 11th class students funded by Dept of Sci. and Technology New Delhi.

Photograph of Lightning of Lamps



Academic Programme

1. Afternoon at 2.30 Dr. Dilip Dhavale one of the resource person has delivered lectures up to 5.30. He has delivered in all 7 lectures. He has given notes which were Xeroxed and Circulated to the Teacher, Participants the notes were on NMR Practice Problems and General Problems in Spectroscopy.

Photograph of Dr. Dilip Dhavale while teaching



2. Dr. N. N. Karade delivered 12 lectures on Heterocyclic Chemistry, Biosynthesis of Terpenoids reaction mechanism, Retro synthesis etc. and given notes.



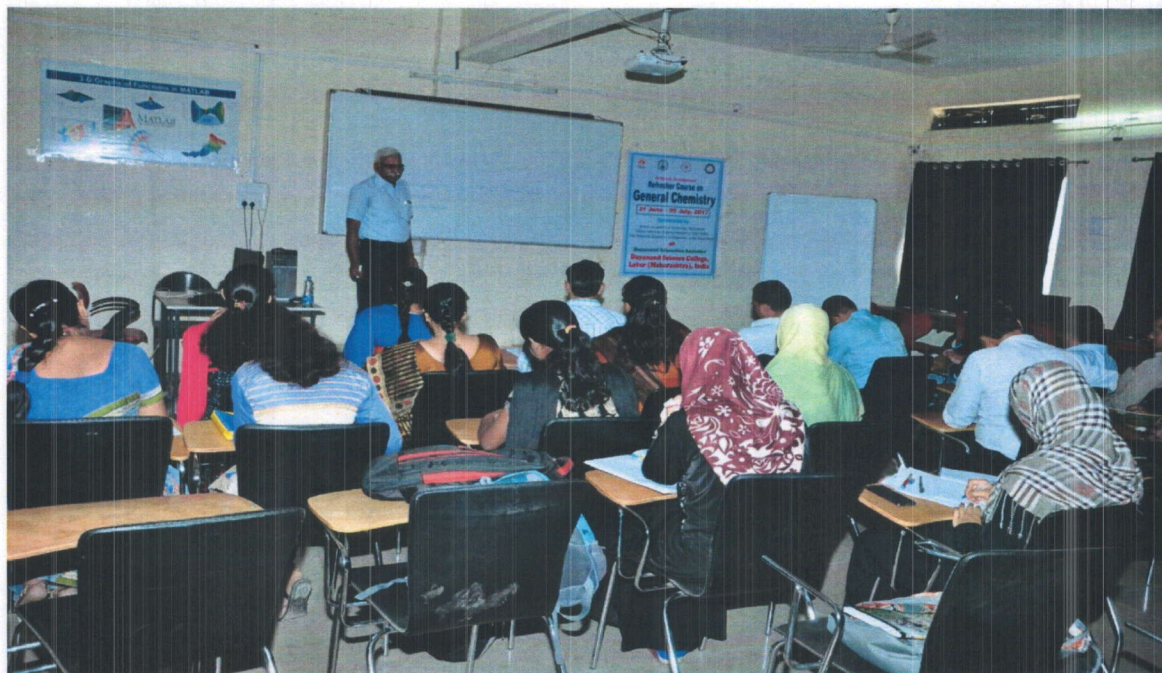
3. Dr. M. S. Wadia has delivered 7 lectures on Stereochemistry of cyclohexane. Notes were given which were Xeroxed and circulated to all participants.



4. Dr. Suresh Waghmode has delivered 9 lectures on Pericyclic Reactions. Notes were given and circulated the Xerox copies to participants.



5. Dr. V. D. Bobade has delivered 12 lectures on mass spectroscopy. Notes are given which are Xeroxed and circulated to participants.



6. Dr. Sangita Makone delivered 6 lectures.



7. Again Dr. Dilip Dhavale has delivered 10 Lectures. Also there was a Laboratory visit where Dr. V. D. Bobade has demonstrated few Microanalysis experiments to participants.



On the same day there was library visit where the books are distributed to participants and they have assessed the books in the library.



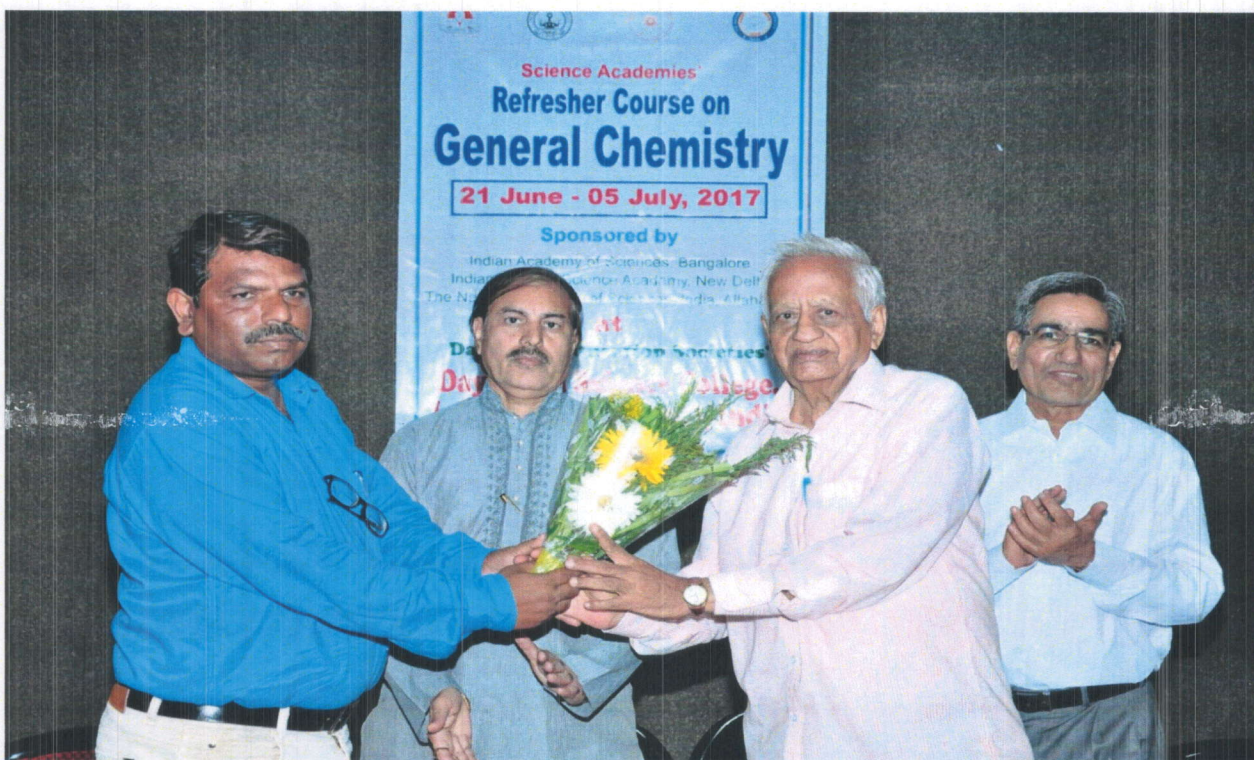
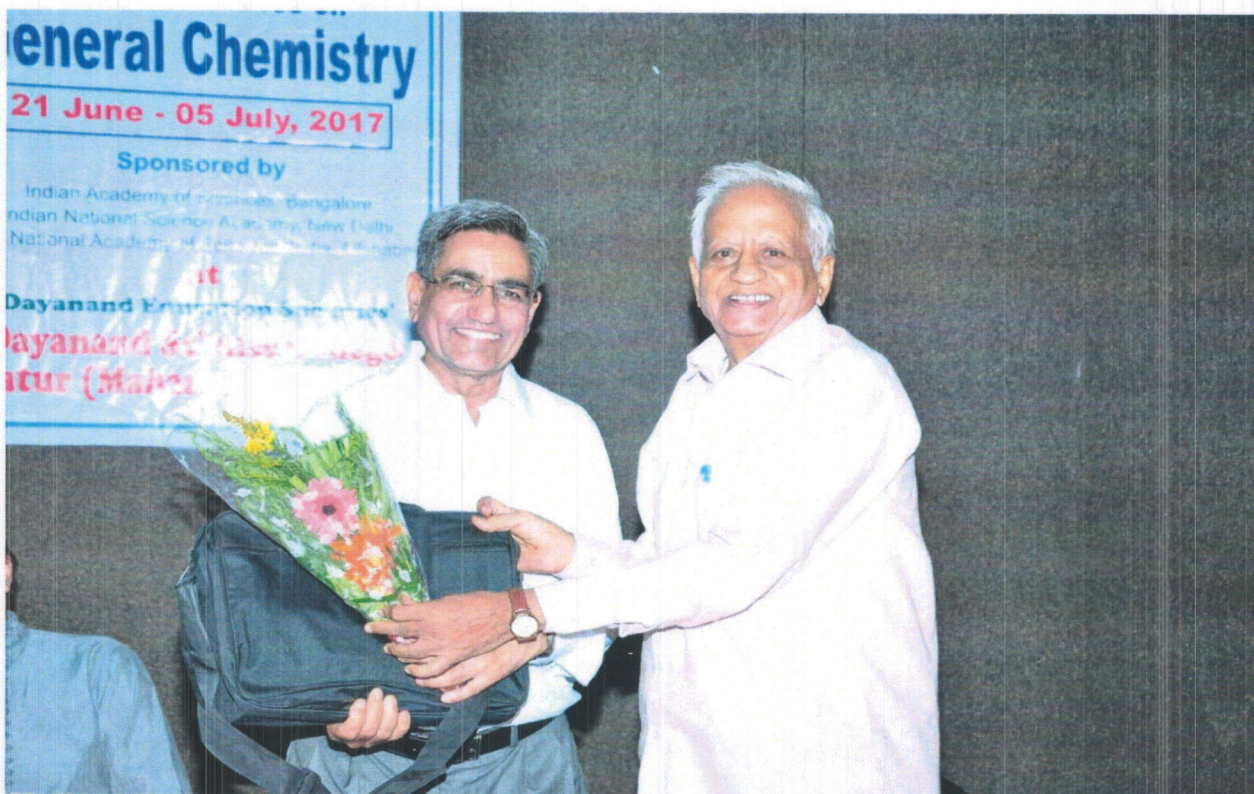
We have arranged a seminar of 5 participant teachers. The chairperson Dr. J. S. Tulba Ex.Principal conducted the seminar.



(enclosed Copy of Time – Table)

Valedictory Function :- Certificates and common photograph were distributed to participant teachers. 4 participant, Teachers have expressed their views. About this Refresher Course.















Non Academic Report

The Bags were also given to the resource persons. Excursion Tour was organized to Chakur.



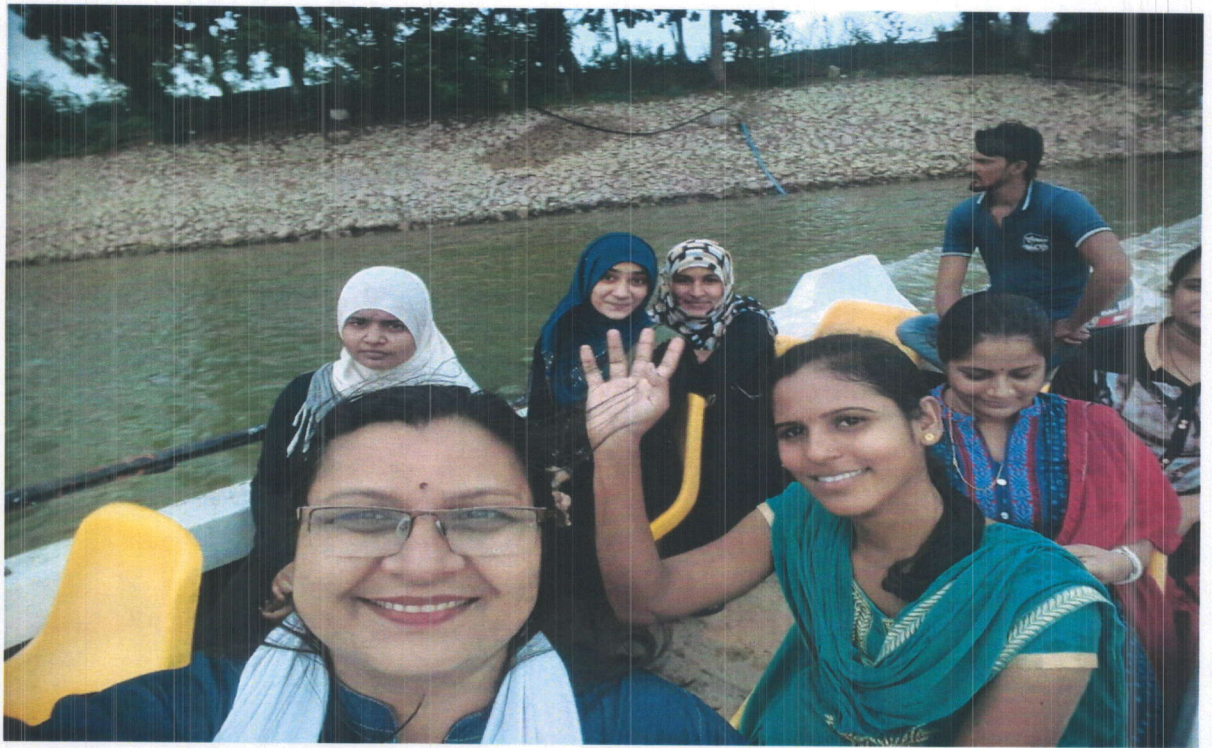


















Dinner Party





The science Academies Refresher Course helped Teachers to add value for their teaching as there was an interaction almost in every period by the resource persons with teacher participants the publicity is given on academy website Also 500 brochures were printed and posted to about 500 colleges and respond of 55 applications were received. 29 outstation participants has confirmed after selection but only 11 participants finally have reported all 21 participants attended the course 75% of the syllabus was covered and new topic Green Chemistry was also introduced. C. D. containg the resource materials is also enclosed. I must thank to the Indian Academy of Sciences, Bangalore particularly, Coordinator Dr. T. D. Mahabaleshwara and Geetha Madam for providing funds in Time and solving other difficulties also.



1. Dr. N. S. Korde	6. Dr. S. Rajagopal	11. Dr. Tapas Kr. Adalder	16. Dr. J. S. Dargad	21. Dr. Praveen S. Mugali
2. Dr. Hirkan C. Shetkar	7. Prof. S. Periasamy	12. Mrs. Rakhi G. Gawali	17. Dr. S. D. Salunke	
3. Mrs. Arati V. Diwate	8. Dr. S. N. Ibatte	13. Dr. Sushma R. Katade	18. Dr. Dilip Dhavale	
4. Dr. Ravindra Shinde	9. Dr. M. Shiva Prasad	14. Dr. J. A. Angulwar	19. Shri. R. H. Ladda	
5. Dr. Bipin C. Joshi	10. Dr. Sheetal Marganakop	15. Prof. B. B. Sanap	20. Prof. Y. P. Sarnikar	

This refresher course has good impact on the Participants


List of Participants :-

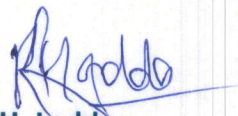
Sr. No.	Candidates Name	Place and Address	Email ID	Mobile No.
1	MASRAT SHAIKH	Hatte Nagar, Road No. 5 LaturHatte Nagar, Road No. 5 Latur	masratshaikh2@gmail.com	9028610248
2	SUSHMA KATADE	Department of Chemistry, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune	rkatade@hotmail.com	9225578178
3	RAJAGOPAL SHANMUGASUNDAR M	Dr.S.Rajagopal, Assistant Professor, Department of Physics, Center for Post Graduate Studies, Jain University, #18/3, 9th Main, 3rd Block Jayanagar, Bangalore - 560 01	raja2001s@gmail.com	8095400584
4	BIPIN JOSHI	Dr. Bipin Chandra Joshi, Asst Professor, Divya Sadan, Kharkot, Pithoragarh-262501 Uttarakhand	joshibip@rediffmail.com	9927261379
5	DR. TAPAS KUMAR ADALDER	Department of Chemistry (UG &PG) Jhargram Raj College (A Govt. General Degree College) Paschim Medinipur	tapasadalder@gmail.com	8968579241
6	SHEETAL MARGANAKOP	PLOT NO. 3246 (OPP SHANI MANDIR) NEAR UDAYA SCHOOL RAMTIRTHNAGAR BELGAUM	sheetalmarganakop@gmail.com	9449280322
7	PERIASAMY S	1/46-2, Pavadi Street, Kalangani Post, Namakkal Dt,	periasamysmsc@gmail.com	9865364421

8	Dr. PRAVEEN MUGALI	P.G. Department of Chemistry Alva's College, Moodbidri-574227 Karnataka, India	praveen.mugali@gmail.com	9845742625
9	M SHIVA PRASAD	Department of Chemistry Central University of Tamil Nadu, Neelakudi campus, Kangalancherry,Thiruvarur	shivaprasad@cutn.ac.in	9491634764
10	RAVINDRA SHINDE	Dept. of Chemistry Dayanand Science College, Latur	rshinde.33381@gmail.com	9850150872
11	ASMA BIRADAR	Dayanand Science College, Latur	biradarasma@gmail.com	9422062295
12	ASRI ARSHEENSYED	Dayanand Science College, Latur	arsheensyed.172@gmail.com	9405418480
13	BHAGYASHRI MULE	Dayanand Science College, Latur	bhagyashrimule30@gmail.com	9172009795
14	SHYAM IBATTE	Dept. of Chemistry Dayanand Science College, Latur	ibateshyam@gmail.com	9423719339
15	JAMAN ANGULWAR	Dept. of Chemistry Dayanand Science College, Latur	jaangulwar@gamil.com	8149479069
16	HIRKAN SHETKAR	Khori galli, infront of bhavani hospital,latur	hirkans1971@gmail.com	9420676911
17	NANDA KORDE	Dept. of Chemistry Dayanand Science College, Latur	nandineekorde0@gmail.com	8421685018
18	RAKHI GAWALI	Department of Chemistry, D.B.F. Dayanand College of Arts & Science, Solapur.	rggjknk@gmail.com	9822274626
19	ARATI DIWATE	32,Goldfinch peth, Navi peth	arati.diwate26@gmail.com	9422068218
20	B. B. SANAP	Rajarshi Shahu Mahavidyalay, Latur	Bhagwatsanap05@gmail.com	9421453596
21	PATIL KIRAN DAYANAND	Dayanand Science College, Latur	Patilkiran240@gmail.com	9156626824

Acknowledgement :-

We Sincerely Thank the Science Academies Particularly Dr. Mahabaleshwara the Coordinator of an Academy the Assistant Coordinator Geetha Madam for giving guidance and financial support and extending every possible help in time on phone and by e-mail as and when required.


PRINCIPAL
Dayanand Science College
LATUR


R. H. Ladda
Ex. Principal
Coordinator of Research Course

Name and Addresses of Mentors

1) Name : Prof. Dr. Dilip Dhavale
FASc, FNASc

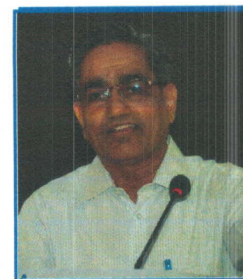
Qualification : M.Sc. Ph.D.

Address : Department of Chemistry,
S P Pune University Pune - 411007

Residential Address : Rohan Nilay - 1, C - 201, Aundh,
Pune - 411007

Mobile No. : 9422521594

E-mail Address : ddd@chem.unipune.ac.in



2) Name : Prof. M. S. Wadia

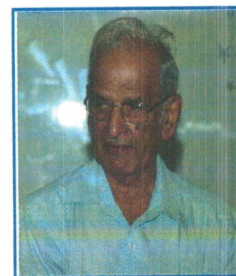
Qualification : M.Sc. Ph.D.

Address : Plo Villa
28 Yeshwant Nagar,
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Pune - 41100

Residential Address : -

Mobile No. : 9860340814

E-mail Address : ratushwadia@gmail.com



3) Name : Prof. Suresh B. Waghmode

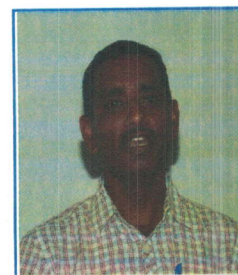
Qualification : M.Sc. Ph.D.

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Residential Address : E-8 Garupandes Apt 3 Aundh Road,
Khadki Pune 411020

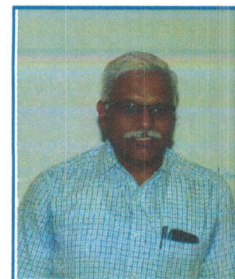
Mobile No. : 9423219557

E-mail Address : suresh.waghmode@gmail.com



Name and Addresses of Mentors

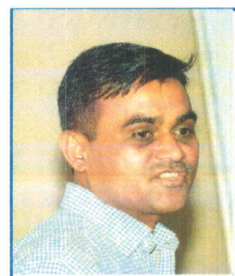
- 4) Name** : Prof. Dr. Vivek Bobade
Qualification : M.Sc. Ph.D.
Address : Department of Chemistry,
HPT Arts and RYK Science College,
Nashik
Residential Address : 401, Asavari Apartment, Indira Nagar,
Nashik - 422009
Mobile No. : 9970499527
E-mail Address : v_bobade31@rediffmail.com



-
- 5) Name** : Prof. Dr. Sangita Makone
Qualification : M.Sc. Ph.D.
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S.R.T.M.U. Vishnupuri,
Nanded - 431606
Residential Address : Flat No.2, Matoshri Apartment,
Pundlikwadi, Mahaveer Chowk,
Nanded - 431601
Mobile No. : 9370247117 (0) (024462)229518
E-mail Address : ss_makone@rediffmail.com, ss_makone@srtmun.ac.in



-
- 6) Name** : Prof. N. N. Karade
Qualification : M.Sc. Ph.D.
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Nagpur - 440033
Residential Address : 201, Rajyog Apartment,
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E-mail Address : nnkarade@gmail.com





Science Academies'
Refresher Course on General Chemistry

21 June - 1 July, 2017

Sponsored by

Indian Academy of Sciences, Bangalore
Indian National Science Academy, New Delhi
National Academy of Sciences, India, Allahabad

Daya



Science Academies Refresher Course in General Chemistry - 2017

Dayanand Science College, Latur. (M.S.)

(21th June to 5th July, 2017)

Time-Table

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.15	Period - V
Time	9.30 - 10.45	10.45 - 12		12.15 - 1.30		2.30 - 3.45		4.15 - 5.30
21/06/2017 Wednesday	Registration Inaugural Function & Photo session and self introduction				Lunch Break	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Tea Break	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.
22/06/2017 Thursday	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur	Interval	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur		Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.
23/06/2017 Friday	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur		Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.15	Period - V
Time	9.30 - 10.45	10.45 - 12		12.15 - 1.30		2.30 - 3.45		4.15 - 5.30
24/06/2017 Saturday	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur	Dr. M S Wadia Emeritus Prof. Pune	Interval	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur	Lunch Break	Dr. M S Wadia Emeritus Prof. Pune	Tea Break	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur
25/06/2017 Sunday	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur	Dr. M S Wadia Emeritus Prof. Pune		Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur		Dr. M S Wadia Emeritus Prof. Pune		Dr. M S Wadia Emeritus Prof. Pune
26/06/2017 Monday	Dr. M S Wadia Emeritus Prof. Pune	Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur		Dr. M S Wadia Emeritus Prof. Pune		Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur		Dr. N. N. Karade Department of Chemistry Rashatrasant Tukadoji Maharaj University Nagpur
27/06/2017 Tuesday	Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik		Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune		Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik		Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune
28/06/2017 Wednesday	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik	Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune		Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune		Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune		Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik
29/06/2017 Thursday	Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik		Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune		Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik		Dr. Waghmode Department of Chemistry, Savitribai Phule Univeristy, Pune

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.15	Period - V
Time	9.30 - 10.45	10.45 - 12		12.15 - 1.30		2.30 - 3.45		4.15 - 5.30
30/06/2017 Friday	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik	Interval	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik	Lunch Break	Visit to Laboratory	Tea Break	Visit to Library
01/07/2017 Saturday	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik	Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik		Dr. V. D. Bobade Department of Chemistry HPT Arts and RYK Science College, Nashik		Seminar Participants Chair Person Dr. J. S. Tulbha Ex- Prinipal		
02/07/2017 Sunday	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		← Excursion Tour →		
03/07/2017 Monday	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Dr. Sangita Makone Professor and Director School of Chemical Sciences S.R.T.M. University, Nanded.		Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		Dr. Sangita Makone Professor and Director School of Chemical Sciences S.R.T.M. University, Nanded.	Tea Break	Dr. Sangita Makone Professor and Director School of Chemical Sciences S.R.T.M. University, Nanded.
04/07/2017 Tuesday	Dr. Sangita Makone Professor and Director School of Chemical Sciences S.R.T.M. University, Nanded.	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.		Dr. Sangita Makone Professor and Director School of Chemical Sciences S.R.T.M. University, Nanded.		Dr. Sangita Makone Professor and Director School of Chemical Sciences S.R.T.M. University, Nanded.		Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.15	Period - V
Time	9.30 - 10.45	10.45 - 12		12.15 - 1.30		2.30 - 3.45		4.15 - 5.30
05/07/2017 Wednesday	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Interval	Prof. Dr. Dilip Dhavale FASc, FNASc Ex. Head of Department of Chemistry, Savitribai Phule University, Pune.	Lunch Break	Validictory function		


Principal


Co-ordinator