

Science Academies' Refresher Course in Quantum Mechanics and Nuclear Physics

Dayanand Science College, Latur (Maharashtra)

15th April to 30th April, 2016

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 15th April, 2016 at 10 am Registration of the participants started. Bag, Pen, Register and timetable were issued to all the registered participants in all 22.

All India Science Academies Refresher course in Quantum Mechanics and Nuclear Physics. The Two week Science Academies Refresher Course in Quantum Mechanics and Nuclear Physics was held at Dayanand science college, Latur from 15th April to 30th April, 2016.



The refresher course was inaugurated by the course Director Prof. Dr. Sulbha Kulkarni IISER, Pune and Principal of Dayanand Science College, Latur Dr. J. S. Dargad, on 15th April at 11.00 am.

Dr. Sulbha Kulkarni expressed the importance of refresher courses and the participation of ladies in higher education and has given the key note address on the subject of Physics in general and Nanotechnology in particular. Principal Dr. J. S. Dargad has explained about the college activities about the academic programmes. The college has an excellent track record in academic development. The college got 'A' grade in NAAC Reaccreditation. The college has got best college award of S.R.T. M. University Nanded. The College is DST-FIST recognized. The college also has organized 11 Inspire Internship Science Camps for meritorious 11th class students funded by Department of Science and Technology, New Delhi.





Academic Programme

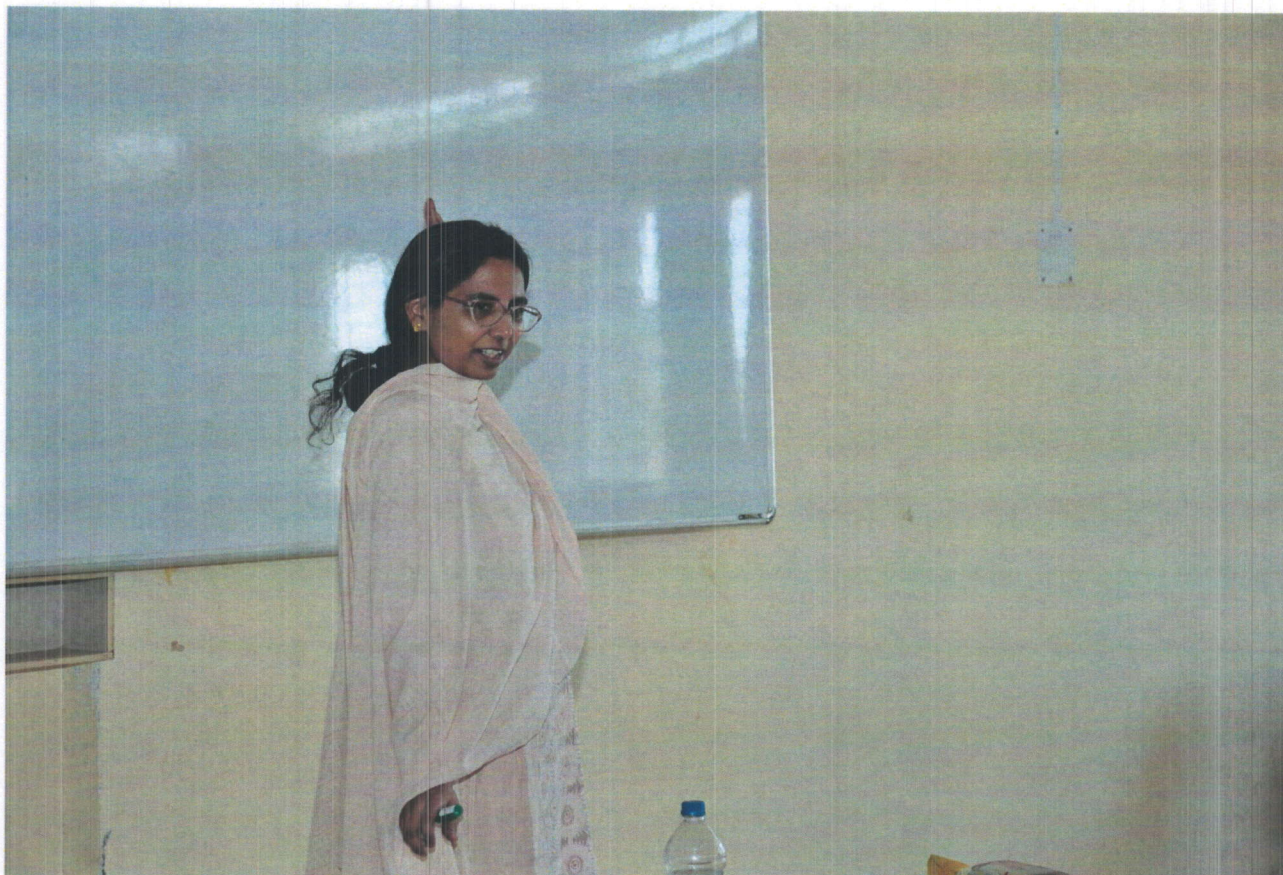
1. Afternoon at 2.30 Dr. Atul Mody one of the resource person has delivered lecture on module III up to 5.30. He has delivered in all 17 lectures on 'Schrodinger Wave Equation.' Elementary notions of operators Eigen functions and Eigen values and given notes which were Xeroxed and circulated to the Teacher – Participants.



2. Dr. Avinash Khare 8 lectures on Peripheries of Quantum Mechanics in General.



3. Dr. P. Durganandini :- 8 lectures on module V Hydrogen atom problem in Detail.



4. Dr. Anuradha Misra :- 9 lectures on uncertainty Principle, Heisenberg Microscope etc..



5. On Sunday 24.04.2016 seminar on different topics given by five teacher participants and chairman of seminar secession was Principal Dr. J. S. Dargad and in the afternoon excursion tour was arranged to Chakur an Amusing Park and Water Park etc.

6. Dr. S. Kailas :- 8 lecture on module i.e. Nuclear Binding Energy, Nuclear Fission and Fusion.



7. Dr. Sunil Deshpande :- 7 lectures on module IV one Dimensional Problems in Quantum Mechanics.



8. Dr. B. S. Pujari :- 7 lectures on Simulation on Lap-Top with Different topics such as linear Harmonic oscillator etc.



(enclosed Copy of Time – Table)

:: Suggestions ::

There should not be restriction on Number of Resource Persons as is given in guideline 4 to 6 may be little bit more expenses on their Travelling expenses because many resource persons do not want to stay for more than 3- 4 days and hence in such case at least 8 - 10 resource persons are required. Better to approve in the beginning only list of resource persons so that there will be no need to consult the Director in which much time will be required and then reservation of tickets etc will be a problem.

The science panel may give the syllabus for different subjects so that the syllabus framed by the coordinator need not to be considered standard syllabi may be provided by the academy so that in every refresher course it will be useful as such in guidelines only it is mentioned that the syllabus need not be of an advanced level and there will be no comment on the syllabus which is being framed at the coordinator level, Director of the course can modify the syllabus if required. The Amount paid and Balance of 30% after receiving. The final statement of accounts becomes difficult it should be at the most 10-15%.

Valedictory Function :- Certificates, Books etc. were distributed to the Participants, President, Secretary of Dayanand Education Society were present for the function. Four Participants have expressed their views about the organization of the refresher course which were nice. It was pleasant occasion of valedictory function as on the same day the college received UGC's "College with Potential for Excellence" Award.

















Non Academic Report

The Bags were also given to the resource persons etc. This science academies refresher course helped teachers to add value for their teaching there was interaction almost in every period by the Resource persons with Teacher Participants.



The publicity is given on Academy website and Indian association Physics Teachers Bulletin in the month of January 2016. And also 500 Brouchers were printed and posted to 500 Colleges and the response of 65 Applications were Received 25 outstation and 10 local Participants were Selected. Only 22 Participants have finally Reported.

This refresher course has good impact on the Participants

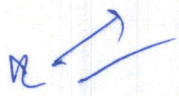
List of Participants :-

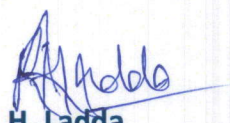
Sr. No.	Candidates Names	Place and Address	Email ID	Mobile No.
1	KABILAN	ASST PROF OF PHYSICS., HIGHLAND HOSTEL., NEHRU MEMORIAL COLLEGE (AUTONOMOUS), PUTHANAMPATTI., TRICHY (D.T)	kabilanrajagopal82@gmail.com	9486193892
2	Elango Siva	PG AND RESEARCH DEPARTMENT OF PHYSICS, NEHRU MEMORIAL COLLEGE , PUTHANAMPATTI ,	elangosiva08@gmail.com	9698282467
3	SHIVAPRASAD CHALAWADI	S/O DR S Y CHALAWADI NEAR SHIVANAND MATH HOSUR ROAD BAILHONGAL DIST BELGAUM	hivprasadchalawadi02@gmail.com	7795930540
4	VARUN N.	NEELAMANA, MADHURAKKAT, H ARIPURAM P O, KANHANGAD, KASARAGOD DIST	varun.007neelamana@gmail.com	9400556124
5	SWATHI KRISHNAN	VRINDAVANAM (H) NJATHIL BAKKALAM KANOOL (PO) KANNUR (DIST)	aswathikvrindavanam@gmail.com	9446803622
6	Ramesh P.	Asst Prof of Physics, High Land Hostel, Nehru Memorial College, Puthanampatti	p.ramesh704@gmail.com	9750895059
7	VIRESH THAKKAR	B/13, SHANTI NIKETAN ROWHOUSE, Nr SNEH SANKUL A M ROAD, ADAJAN	vireshhthakkar@gmail.com	9426120840
8	Deepak Kapse	Room No 14. Navjeevan chwalcommittee, kajupada, near ganesh maidan, kamani, kurla (W). Mumbai 400 072. Maharashtra, India.	deepakkapse13@gmail.com	9702533645
9	RAMESH MULIK	Reactors Quarter,Boys Hostel, Dayanand College, Raviwar Peth,	drnmulik@gmail.com	9850227298

10	Dr.J V Purushottam	Dr. J V Purushottam Assistant professor Department Of Physics, Government Degree College, Gulbarga	pjoshiglb@gmail.com	9844036389
11	ABHIJEET BHAGAT	TELECOM COLONY,NAVHA ROAD,JALNA DIST:JALNA(MS), INDIA.	bphy_2009@rediffmail.com	9423156905
12	Raghavendra Topare	Department of Physics, Yogeshwari Mahavidyalaya, Ambajogai	r_topare@yahoo.com	9423076691
13	MOHD ISMAIL IQBAL	Dept. of Physics, Maulana Azad College, Rauza Bagh, Aurangabad - 431001	ismail.modis@gmail.com	8793131383
14	LANKESHWAR THORAT	SMDMM KALLAM DIST OSMANABAD	lankeshwarthorat@gmail.com	9922046745
15	Shivaji Munde	Dept. of Physics K.S.G.College, Dharmapuri, TQ. Parli . Dist; Beed	shivajimunde1970@gmail.com	9421764404
16	RAGHUNATH NAGORAO KENDRE	Department of Physics, Electronics and Photonics Rajarshi Shahu Mahavidyalaya, Latur-413512	rnkendre7@gmail.com	9420213557
17	Dr. Vijendra Chaudhari	Department of Physics, Dayanand Science College, Latur	vijendra333@gmail.com	9890309211
18	Dr. Lalit Thakre	D epartment of Physics, Electronics & Comp. Sci., Dayanand Science College, Latur	thakrelalit@yahoo.com	9421868589
19	Dr.Shantala D. Patil	Govt.First Grade College ZNear fire station Aland	spatilphy@gmail.com	9449459922
20	OHAN SARWADE	PARENT S VILLA, MISAR NAGAR, OLD PEDGAON ROAD, PARBHANI	mpsarwade@rediffmail.com	9860985571
21	Dange Jeevan Pralhadrao	M. B. College, Latur	sirjpdange@gmail.com	9595784214
22	Shinde Kailash Uttam	Dayanand Science College, Latur	kailash.shinde9@	95613033388

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



Establishment : June 1961
Independent : 1967

Re-accredited 'A' Grade

Dayanand Education Society's
Dayanand Science College

Latur, Maharashtra (India)

(UGC - CPE College)

(DST-FIST Sponsored College)

(Best College Award by SRTMU, Nanded)

(Affiliated to - Swami Ramanand Teerth Marathwada University, Nanded)

Phone No.: (02382) 221149, 222929

E-mail : daya_scin1@rediffmail.com

Fax No. : (02382) 221149

Website : www.dsclatur.org

Laxmiraman Lahoti

President

Dr. Jaiprakash Dargad

Principal

Ramesh Biyani

Secretary

Ref. No.

Ref/2017-18/615

Date :

19/07/2017

To,

Dr. Mahabaleshwara,

Coordinator, Joint Science Education Pannel,

Indian academy of Sciences,

C. V. Raman Avenue, Bangalore - 560080.

Sir,

Please find enclosed herewith the original Bills of expenditure with utilization which have been audited by competent authority Chartered Accountant. Also enclosed C. D. containing the resource materials which is expected from course Director. Four photographs of excursion tour at Chakur also enclosed. A list of Resource Persons with full postal addresses alongwith photographs are enclosed. A list of Participants outstation 11 + Local Participants 10 Total 21. A Report of the course co-ordinator along with xerox copies of photographs wherever required is enclosed herewith. Receipts of Books distributed to participants enclosed.

The total expenditure incurred **6,00,000.00** and the total amount received from you is **5,40,950.00**. Now the balance amount **59050.00** is due from Indian academy of Sciences. Please pay the balance amount at the earliest.

Thanking you.

R. H. Ladda
Co-ordinator

R. H. Ladda

Ex. Principal

(Mobile No.9420436904)

(rhladda@gmail.com)

Dr. J. S. Dargad

Convener

Dr. J. S. Dargad

Principal

Dayanand Science College, Latur

(Mobile No.9403970550)

Refresher Course in Physics (IAS)

SCIENCE ACADEMIES' EDUCATION PROGRAMME

SEP/RC April/2016

15 December 2015

**JOINT
SCIENCE
EDUCATION
PANEL**

**Indian Academy of
Sciences**

Sebastian, M.
Ramesh, R.
Srinivas, A.

Arun, E.
Murthy, MRN
Saldapur, SK

Chattopadhyay,
Dhruvayati

Prasanna, M.
Raghunathan, VA

Dhar, Deepak
Murali, Nibr

Vinayachandran, PN
Sankaran, P

Rangarajan, G

**Indian National
Science Academy**

Dogra, SK
Muraidhar, K
Gupta, Alek K
Pasi, IBS

**The National
Academy of
Sciences, India**

Dima, Vijay Prasad
Gupta, Santosh Kumar
Khurana, Paramjit
Misra, Gadadhar

Contact Address

Mambaleswara, 10
Coordinator
Refresher Courses &
Residential Workshops
Indian Academy of
Sciences
1B, No. 30/3
C.V. Raman Avenue
Sadashivanagar P.O.
Bangalore 560 080
India

Contact Telephone

080-22661210
080-22661227
080-2331609

E-mail

refresher@ias.ac.in

Prof. R.H. Ladda
Ex. Principal
3, Bhagya Nagar
Old Ausa Road
Latur 413 512

Sub: Refresher Course on "Quantum Mechanics and Nuclear Physics"
at Dayananda Science College, Latur from 15 - 30 April, 2016.

Dear Prof. Ladda,

This has reference to the 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 Dr Sulabha Kulkarni (IISER, Pune) will be the Course Director and you will be the Course Co-ordinator.

- (a) Your budget of Rs.8,07,000/- for 35 participants (inclusive of travel expenses/boarding/lodging for Resource Persons has been approved by the Science Education Panel. As per guidelines the amount sanctioned towards excursion is Rs.15,000/- only. Hence we have deducted the excess amount of Rs.21,000/- projected in your budget.
- (b) 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.
- (c) 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.
- (d) 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.
- (e) 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.



Indian Academy
of Sciences,
Bangalore



Indian National
Science Academy,
New Delhi



The National Academy
of Sciences, India
Allahabad

- (f) The Course should be called "Science Academies' Refresher Course in "Quantum Mechanics and Nuclear Physics".
- (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.

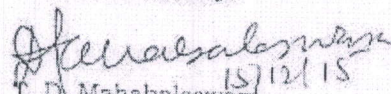
(i) The audited expenditure statement/utilization certificate duly signed by competent authority (CA or Financial Controller) to be sent along with the report, once the Course is over. This is required for the Audit compliance.

(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 Sulabha Kulkarni 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 on Quantum Mechanics and Nuclear Physics

Dates- 15th to 30th April, 2016

Total participants approved by IAS:- 35 No. actually participated - 22

(Students: 5 ; Teachers: 17; Resource Persons: 7 ; Supporting Staff: ____)

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	45 18.01.2016	a. M/s Snehal Mudranalaya, Latur for Broucher - 500 & Pocket - 500	5800
		651 18.01.2016	b. M/s Safal Communication, Latur for Stiker Paper 1	250
		759	c. M/s Chintamani Digital, Latur for Banner 8x6 - 2 & 3x4 - 1	1188
		630 11.04.2016	d. M/s Safal Communication, Latur for Invitation Card and Pocket - 70 Nos	945
			e. M/s for	
		Total	8183	
2	Registration & stationery: Rs _____ (Bag, pad, pen, pencil, photostat copies etc)	1544 30.03.16	a. M/s Yogeshwari Bag, Latur for Office Bag 50 Nos.	10000
		1363 3.03.2016	b. M/s Latur Genral Stores, Latur for 172 A4 Long Book - 42 & Ball Pen -50	2248
		757 15.04.16	c. M/s Kings Florist and Mundup Decoretor, Latur for Buke - 7 and Pushpahar - 02	460
		77 24.04.16	d. M/s Prince Flower Stall, Latur for Buke - 02	100
		498 30.04.16	e. M/s Prince Flower Stall, Latur for Buke - 06	300
		45693 08.04.16	f. M/s Uday Atomotive Services, Latur for Petrol - 2.23 Ltr.	150
		3545 14.04.16	g. M/s New R K Stationry & Book Stall, Latur for AAA.Cell - 4 & AA.Cell -4	96
		15.04.2016	h. M/s DSCL, Latur for Agarbatti, Rangoli, Colour Rangoli, Mainbatti, Water Bottle	100
		87 21.04.16	i. M/s Shri Datta Book & Stationrs, Latur for Whit Board Marker Ink Bottle-1	30
		560 27.04.16	j. M/s Gajanan General & Book Center, Latur for Cell - 1	12
				Total



3	TA for outstation participants: Rs (copies of tickets to be included with the TA form)	30.04.16	a. Rs 3035 for Dr. Viresh Thakkar	3035
		29.04.16	b. Rs. 3523 for Dr Shivprasad Chalawadi	3523
		30.04.16	c. Rs 761 for Dr Deepak Kapse	761
		29.04.16	d. Rs 1350 for Dr Mohd Ismail Iqbal	1350
		30.04.16	e. Rs 480 for Dr Mulk Ramesh Namdeo	480
		30.04.16	f. Rs 400 for Dr Aswathi Krishnan	400
		30.04.16	g. Rs 889 for Dr Bhagat Abhijeet Chakrapani	889
		30.04.16	h. Rs 700 for Dr Shantala D. Patil	700
		30.04.16	i. Rs 540 for Dr J. V. Purushottam	540
		30.04.16	j. Rs 3766 for Dr Siva Elango	3766
		30.04.16	k. Rs 3785 for Dr Ramesh P	3785
		30.04.16	l. Rs 3770 for Dr Kabilan R.	3770
		30.04.16	m. Rs 400 for Dr Varun N.	400
		30.04.16	n. Rs 400 for Shivaji Munde	400
			n. Rs. 1600 for Dr. Kendre Ragonath Nagorao	1600
		30.04.16	o. Rs. 1600 for Dr. Dange Jeevan Pralhadrao	1600
		30.04.16	p. Rs. 1600 for Dr. R. J. Topare	1600
		30.04.16	q. Rs. 1600 for Dr. Kailas Uttam Shinde	1600
		30.04.16	r. Rs. 1600 for Dr. Mohan Pandurang Sarwade	1600
		30.04.16	s. Rs. 1600 for Dr. Thorat L. M.	1600
30.04.16	t. Rs. 1600 for Dr. Thakre L. V.	1600		
			Total	34999
4	Lodging, Boarding, Food Expenses for 25 outstation participants: Rs _____	160	a. M/s Vimal Girls Hostel, Latur for Aswathi Krishnan & Dr. Shantala D. Patil	12800
		06.05.16		
		1223	b. M/s Hotel Udayshree Palace for Mohd Ismail Iqbal, J. V. Purushottam, Viresh Thakkar, Mulk Ramesh, Shivaji Munde	40800
		02.05.16		
		1222	c. M/s Hotel Udayshree Palace for Kabilan R., Ramesh P, Siva Elango, Varun N., Deepak Kapse, Bhagat Abhijeet, Shivprasad Chalawadi.	38400
02.05.16				
221	d. M/s Joganoyan Ketars, Latur. For Working Lunch for 16 day's 32 Perrons + 2 Times Coffee/Tea - 32 & Breakfast/Dinner for outsation Participants. - 22	190,400		
06.05.16				
			Total	282400

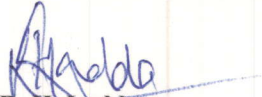
5	a. Lodging/Boarding for resource persons	121	a. M/s Hotel Anand, Latur for Dr Sulbha Kulkarni & P Shyam	1996	
		15.04.2016			
		270	b. M/s Hotel Anand, Latur for Dr S. Kailas & B. S. Pujari	7176	
		30.04.16			
		148	c. M/s Hotel Anand, Latur for Dr Avinash Khare & Dr Durganandini	8776	
	b. Local transport	20.04.16			
		247	d. M/s Hotel Anand, Latur for Dr Anirudha Misra & Dr. Sunil Deshpande	10764	
		28.04.16			
		211	e. M/s Hotel Anand, Latur for Dr Atul Mody	11960	
		25.04.16			
			Total	50672	
6	Travel expenses for resource persons	16.04.16	a. Dr Avinash Khare	2129	
		16.04.16	b. Dr P. Durganandini	1993	
		-	c. Dr Anirudha Misra	3911	
		25.04.16	d. Dr Swaminathan Kailas	2416	
		-	e. Dr Sunil Deshpande	976	
		-	f. Dr Atul Mody	3422	
		30.04.16	g. Dr B. Pujari	2088	
					Total
7	a. Honorarium for resource persons (at Rs. 2000/- per lecture)	19.04.16	a. Dr .Avinash Khare	16000	
		19.04.16	b. Dr Durganandini	16000	
		23.04.16	c. Dr Anirudha Misra	18000	
		27.04.16	d. Dr Swaminathan Kailas	16000	
		27.04.16	e. Dr Sunil Deshpande	14000	
		23.04.16	f. Dr Atul Mody	34000	
		30.04.16	g. Dr B. Pujari	14000	
		30.04.16	h. Dr J. S. Dargad	2000	

	b. Honorarium for Course Director/co-ordinator (Rs 4000/ Rs 3000)	15.04.16	a. Dr Sulbha Kulkarni	4000
		30.04.16	b. Dr Sulbha Kulkarni	2911
			c. Shri. R. H. Ladda	3000
	c. Honorarium for supporting staff (not to exceed overall Rs. 7000/-)	-	a. Dr. L. V. Thakre	1750
		06.05.16	b. Shri. Naikwade V. A.	1750
		30.04.16	c. Shri. Shaikh M. S.	1750
30.04.16		d. Shri. Gade S. A.	1750	
			Total	146911
8	Books for participants @ Rs 1250/- per participant (only for theoretical courses): Rs _____	YBC/2746	M/s Yogi Book Center, Borivli (W), Mumbai	16407
		02.03.16	Beser Concepts of Modern Physics - 35 Nos.	
		4395	M/s Pragati Prakashan, Meerut. Nuclear Physics - 35 Nos.	6431
		01.03.2016		
		A013390	M/s Himalaya Publishing House Pvt. Ltd. Nagpur	11550
		02.03.2016	Nuclear Physics- 35 Nos.	
			Total	34388
9	Contingency Photographs, excursion, certificates, special dinner, postage, batteries etc. (not to exceed 5% of total expenditure)	1048	a. Rahul Digital Photo Studio, Latur Photo - 4x6 = 100, 8x12 = 27	2820
		06.05.16		
		639	b. Safal Communication, Latur - Certificates - 50	550
		18.04.16		
		10.01.16	c. Postage - 497	2485
		70	d. Riddhi Siddhi Taxi Travels, Latur (MH-24 V 3636)	9900
		24.04.16		
		06.05.16	e. Shri. Mandup, Latur	3000
		3176	f. Latur Xerox Computer Jobwork, Latur Xerox	950
		30.04.16		
		-	Brij, Latur, Special Dinner	9600
29.04.16				
-	Audit & Utilization Fees	3000		
			Total	32305
Total:				620289

- 1) Expenditure Amount **620289.00**
 2) Received Amount **504375.00**
 3) Reimbursed Amount (1-2) = **115914.00**

Amount to be refunded/ reimbursed (whichever is appropriate) : **Rs. 115914.00**

(Rs. One lakh Fifteen thousand Nine hundred Fourteen only)


 Shri. R. H. Ladda
 Coordinator

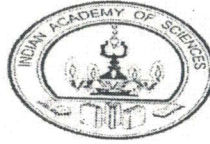

 Dr. J. S. Dargad
 Principal & Course Convener
Principal
Dayanand Science College
LATUR

Signature of Competent financial/ audit authority: _____
 (with seal)

Date: _____







Science Academies
Refresher Course on
Quantum Mechanics and Nuclear Physics - 2016
Dayanand Science College, Latur. (M.S.)
(15th to 30th April, 2016)

Time-Table

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.14	Period - V
Friday 15/04/2016	Registration	Inaugural Function	Interval	Key note address by Chief Guest or Principal	Lunch Break	Module III Dr. Atul Mody Mumbai	Tea Break	Tutorial & Problems Module III Dr. Atul Mody Mumbai
Saturday 16/04/2016	Module V Dr. Durganandini Pune	Peiferry of Quantum Dr. Avinash Khare Pune		Module III Dr. Atul Mody Mumbai		Module V Dr. Durganandini Pune		Peiferry of Quantum Dr. Avinash Khare Pune
Sunday 17/04/2014	Module V Dr. Durganardini Pune	Peiferry of Quantum Dr. Avinash Khare Pune		Module III Dr. Atul Mody Mumbai		Module V Dr. Durganandini Pune		Peiferry of Quantum Dr. Avinash Khare Pune

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.14	Period - V
Time	9.30 - 10.45	10.45 - 12		12.15 - 1.30		2.30 - 3.45		4.15 - 5.30
Monday 18/04/2016	Module V Dr. Durganandini Pune	Peiferry of Quantum Dr. Avinash Khare Pune	Interval	Module III Dr. Atul Mody Mumbai	Lunch Break	Module V Dr. Durganandini Pune	Tea Break	Peiferry of Quantum Dr. Avinash Khare Pune
Tuesday 19/04/2016	Peiferry of Quantum Dr. Avinash Khare Pune	Module V Dr. Durganandini Pune		Module III Dr. Atul Mody Mumbai		Peiferry of Qunatam Dr. Avinash Khare Pune		Module V Dr. Durganandini Pune
Wednesday 20/04/2016	Module III Dr. Atul Mody Mumbai	Module III Dr. Atul Mody Mumbai		Module III Dr. Atul Mody Mumbai		Module II Dr. Anuradha Misra Mumbai		Tutorial & Problems Dr. Anuradha Misra Mumbai
Thursday 21/04/2016	Module III Dr. Atul Mody Mumbai	Module II Dr. Anuradha Misra Mumbai		Module II Dr. Anuradha Misra Mumbai		Module III Dr. Atul Mody Mumbai		Module II Dr. Anuradha Misra Mumbai
Friday 22/04/2016	Module III Dr. Atul Mody Mumbai	Module II Dr. Anuradha Misra Mumbai		Module II Dr. Anuradha Misra Mumbai		Module III Dr. Atul Mody Mumbai		Module III Dr. Atul Mody Mumbai
Saturday 23/04/2016	Module III Dr. Atul Mody Mumbai	Module II Dr. Anuradha Misra Mumbai		Module II Dr. Anuradha Misra Mumbai		Module III Dr. Atul Mody Mumbai		Tutorial & Problems Dr. Atul Mody Mumbai
Sunday 24/04/2016	Chairman Dr. J. S. Dargad Seminar Participant Talk (1)	Chairman Dr. J. S. Dargad Seminar Participant Talk (2)		Chairman Dr. J. S. Dargad Seminar Participant Talk (3)		← Excursion →		

Day & Date	Period - I	Period - II	12 to 12.15	Period - III	1.30 to 2.30	Period - IV	3.45 to 4.14	Period - V
Time	9.30 - 10.45	10.45 - 12		12.15 - 1.30		2.30 - 3.45		4.15 - 5.30
Monday 25/04/2016	Module IV Dr. Deshpande Aurangabad	Module I Dr. Kailas Mumbai	Interval	Module I Dr. Kailas Mumbai	Lunch Break	Module IV Dr. Deshpande Aurangabad	Tea Break	General Talk Dr. Kailas Mumbai
Tuesday 26/04/2016	Module IV Dr. Deshpande Aurangabad	Module I Dr. Kailas Mumbai		Module I Dr. Kailas Mumbai		Module IV Dr. Deshpande Aurangabad		Module I Dr. Kailas Mumbai
Wednesday 27/04/2016	Module IV Dr. Deshpande Aurangabad	Module I Dr. Kailas Mumbai		Module I Dr. Kailas Mumbai		Module IV Dr. Deshpande Aurangabad		Module IV Dr. Deshpande Aurangabad
Thursday 28/04/2016	Module IV Dr. Pujari Pune	Module I Vadana Nanal Mumbai		Module I Vadana Nanal Mumbai		Module IV Dr. Pujari Pune		Module IV Dr. Pujari Pune
Friday 29/04/2016	Module IV Dr. Pujari Pune	Module I Vadana Nanal Mumbai		Module I Vadana Nanal Mumbai		Module IV Dr. Pujari Pune		Module IV Dr. Pujari Pune
Saturday 30/04/2016	Module IV Dr. Pujari Pune	Module I Vadana Nanal Mumbai		Module I Vadana Nanal Mumbai		← Validictory function →		


Principal


Co-ordinator