

SHORT TERM COURSE

“Inspiring and Committed Teachers”

2014-2015



Felicitation of Dr. Prakash Thorat by Mrs. Nilima Pendharkar, Convenor of the Faculty Development Programme

A Report : Short Term course on 'INSPIRING AND COMMITTED TEACHERS' for Science Faculty Teachers

Dr. Sushama Deshpande	Principal
Prof. Nilima B. Purohitkar	Co-Ordinator, Short Term Course

A Short-Term course was organized on 'Inspiring and Committed Teachers' for Science Faculty Teachers from 2nd Feb. 2015 at Vidya Pratishthan's Arts, Science and Commerce College, Narimani. The course was conducted by U.S.C., Academic Staff College and B.C.U.D., Savitribai Phule University of Pune. The course was organized from 2nd Feb. 2015 to 30th Feb. 2015. 21 teachers from different colleges had been registered and participated for the course. Audiovisual lectures by subject experts, Hands-On Training, Exposure visit to National Institute and Multinational Industry was the Modus Operandi of the course.

Dr. Arun Abbar, Member MPSC, inaugurated the course on 2nd Feb. 2015 and addressed on 'Inspiring and Committed Teachers'. Dr. K.C. Menka, Dean, Faculty of Science SPPU, delivered a Lecture on Science and Technology Innovation for National Growth. Dr. Anant Tumant, Manager, Srikrishna Dynamics India Pvt. Ltd., Narimani, delivered a lecture on 'Co-Operative Movement in Maharashtra'.

Dr. Sanjay Chakrav, Principal, ASC College, Indapur, delivered a lecture on 'Community Engagement for Teachers' on 3rd Feb. 2015. Dr. C.N. Pawar, Principal, B.A.T.C.C. College, Pune delivered a lecture on skills, Knowledge, hard Work and Attitude. Dr. K. N. Dhimal, Principal, Waghel College, Pune delivered a lecture on 'Teaching Methodologies'. Dr. Mahesh K. Vaidpatil, Asstt. Professor, VIKSEC, delivered a lecture on 'Winning cards of Nanotechnology'.

Mr. Praewen Ujjagar, M.D., Neoperts, Solutions Pvt. Ltd. Pune, gave a lecture on 'Communication Process' on 6th Feb. 2015. Mr. Maheshkumar, M. D., Neoperts, Solutions Pvt. Ltd. Pune, gave a lecture on 'Managing Roadblocks in Communication process'. Mr. Praewen Ujjagar, M.D., Neoperts, Solutions Pvt. Ltd. Pune, gave a lecture on 'Interpersonal Skills'. Mr. Maheshkumar, M.D., Neoperts, Solutions Pvt. Ltd. Pune, gave a lecture on 'Relationship Management'.

Dr. H.S. Patel led a 'Modern Teacher Interaction Session' on 8th Feb. 2015. Prof. Indrakishor, Shriwaj

College, Warshi, delivered a lecture on 'How to Write a Research Paper with good Impact factor'. Dr. A.D. Pathay, Garware College, Pune, gave an insight on 'Ornithology', an informal education in Formal System. Dr. Mihir Walse, Emerent Scientist, I.I.S.E.R., Pune, illustrated out of Box thinking and delivered a most effective and appreciative lecture on 'The Katta System of Informative non-curricular education'.

A study Tour was organized on 9th Feb. 2015, on 'Biodiversity of Wet land system' at Kumbhargan, Bhigwan. The Bird watching session with boating was an epitome of learning Process. Effluent Treatment Plant and paper manufacturing Process of BILT, Bhigwan was studied at site for Technological and Socio-Ecological Concern. An interactive session by Dr. Jaddob Jans, Head, School of Drought Stress Management was organized on 'Abiotic factors influencing crop yield' at National Abiotic Stress Research Institute, Deemed University ICAR, Malegaon, Baramati.

Dr. S.B. Desaikar, Principal, Vidya Pratishthan's College of Engineering, delivered a lecture on Engineering methodologies-Use of Advanced technologies in Education on 7th Feb. 2015. Dr. Sushama Chaphalkar, Director, V. S. S. T., gave a lecture on Translational research. Hands-On Trainings were organized at Vidya Pratishthan's School of Biotechnology. A session on Gene Sequencer and Real Time PCR, was given by Ms. Priya Sabale. A session on Atomic Absorption Spectrometry, High Performance Thin Layer Chromatography, UV Spectroscopy was given by Dr. Ajay Shaikh. Dr. Ganesh Patil. A session on Fermentation Technology was given by Mr. Dhanrajhi Dhanrao.

Dr. Vijay Oak, Faculty, Vasantara Pawar Law College, gave a lecture on 'Human Rights- Academic Institutions' on 10th Feb. 2015. Dr. Jangra Salunkar, Principal, Vidya Pratishthan's College of Education, gave a lecture on 'Teacher Commitment in Promoting Education'. Dr. M.S. Shekar, Principal, Marathekar Pawar, Maharashtra Sahasrabudaya, gave a concluding speech in

3. Valedictory function: The feedback was shared by Prof. R. B. Deshpande and Prof. U.K. Shirke on the Dias. The feedback forms were filled by all the participants. The Certificate of Attendance were distributed to Participants.

The course was a grand success due to the endeavour and Support from Dr. Soojanwar Sanjeev A. /C Director,

Academic Staff College. Dr. V.B. Galiswad, Director, BCUD, SPPU, Mr. Sachin Jirve, ASC, Mr. Ganesh Jadhav, ASC, And Dr. Sushama Deshpande, Principal, VIKSEC. Mr. Rajendra Sarode, Mr. Suresh Dink, Mr. Dattatraya Ghatak, Mr. Yugesh Dalavi were of immense help.





UNIVERSITY OF PUNE
UGC-Academic Staff College
MMDW Poddar Sankul
Ganeshkhind,
Pune - 411 007 (INDIA)

DR. SANJEEV SONAWANE
I/C DIRECTOR



Ref No.: UGC/ASC/94/14 (9)

April 11, 2014

To,
The Principal,
VP's Arts, Commerce & Science College,
Baramati,
Dist. Pune 413133.

Subject : Faculty Development Programme for teachers from Science faculty.

Dear Sir,

As per the directions of Director, BCUD the Academic Staff College has organizing 7 days facultywise Faculty Development Programme for the teachers.

As per the instructions of Director, BCUD one Faculty Development Programme for Arts faculty is to be organized at your college. This programme will be offered to teachers from Pune rural area.

I request you to inform us name and contact details of the co-ordinator for this programme. You are also requested to inform us the dates for this programme.

An early action in this regard will be appreciated.

Thanking you,

Yours faithfully,

DR. S.A. SONAWANE
I/C DIRECTOR

Prof. Nilima Paudyal
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CIRCULAR

Subject : Faculty Development Programme for Teachers seeking promotion under CAS to Associate Professor.

For promotion to Associate Professor under CAS it is mandatory for the teachers to attend one week duration's Faculty Development Programme.

Considering this the Academic Staff College, University of Pune will be organizing facultywide Faculty Development Programmes at the following venues:

Mental, Moral & Social Sciences

1. Pune City
Modern College of Arts, Commerce & Science,
Ganeshkhind, Pune-411003
2. Pune Rural
D.T. Bora College,
Shirur-412210, Dist. Pune
3. Ahmednagar
New Arts, Commerce & Science College,
Ahmednagar-414001
4. Nashik
HPT Arts & RYK Science College, Nashik-422005.

Arts

1. Pune City
H.V. Desai College of Arts, Commerce & Science,
508, Sunflower Park, Pune-411002.
2. Pune Rural
D.Y. Patil Arts, Commerce & Science College, Sant
Tukaramnagar, Pimpri, Pune-411018.
3. Ahmednagar
New Arts, Commerce & Science College,
Ahmednagar-414001
4. Nashik
Loknete Vyankatrao Holey College, Nashik-422003.

Sciences

1. Pune City
Modern College of Arts, Commerce & Science,
Shirurnagar, Pune-411003.
2. Pune Rural
V.P.'s Arts, Commerce & Science College, Banarasi,
Dist. Pune-413133.
3. Ahmednagar
Pymraj Sarda College, Ahmednagar-414001
4. Nashik
KRT Arts, BH Commerce & AM Science College,
Nashik-422002.

Commerce

1. Pune City Department of Commerce, University of Pune, Pune 411007
2. Pune Rural Prof. Ramakrishna More Arts, Commerce & Science College, Akurdi, Pune 411044
3. Ahmednagar R.E.N.D. College, Shrirampur 413708, Dist: Ahmednagar
4. Nashik M.G.V's BCS College, Panchavati, Nashik

Education Department of Education, University of Pune, Pune 411007.

Interested teachers should send in the enclosed application form to the Director, Academic Staff College, University of Pune, Pune 411007. (You can send scanned copy of signed application on ascplax7@gmail.com)

Please note that:

- Maximum 30 participants will be considered per batch and applications will be considered on first come first serve basis.
- No TA/DA will be provided for the participating teachers.
- Selected teachers will have to submit relieving order from the college.

Ref.No.: ASC/2014

Date: 10/01/2014

DIRECTOR
BCUD

CIRCULAR

Subject : Faculty Development Programme for Teachers seeking promotion under CAS to Associate Professor.

For promotion to Associate Professor under CAS it is mandatory for the teachers to attend one week duration's Faculty Development Programme.

Considering this the Academic Staff College, Savitribai Phule Pune University will be organizing facultywise Faculty Development Programmes at the following venues:

Mental, Moral & Social Sciences	Name of Co-ordinator & Venue	Dates
1. Pune Rural	Dr. S.V. Sowani, (M) 9822299791 C.T. Bora College Shinur 412210, Dist. Pune Email - sadashivsovani@yahoo.com	Programme has been postponed
Arts		
1. Pune Rural	Mr. J.M.Babar, (M) 7350543294 D.Y.Patil Arts, Commerce & Science College, Sant Tukaramnagar, Pimpri, Pune 411018. Email- babarjmdyp@gmail.com	Programme has been postponed
Sciences		
1. Pune Rural	Dr. Neelima Pendharkar, (M) 9922868384 VP's Arts, Commerce & Science College, Baramati, Dist. Pune 413133. Email- neelimapendharkar@rediffmail.com	02.02.2015 To 08.02.2015
Commerce		
1. Pune Rural	Dr. P.S. Ingole, (M) 9326082872 Prof. Ramkrishna More Arts, Commerce & Science College, Akurdi, Pune 411044. Email- ingolepadmawati@gmail.com	Programme has been postponed
2. Ahmednagar	Dr. G.H. Barhate, (M) 9423461534 C.D. Jain College of Commerce, Shrirampur 413709, Dist. Ahmednagar Email- ghbarhate@rediffmail.com	Programme has been postponed
Management Faculty		
	Dr. P.A. Pawar, Department of Management Sciences, Savitribai Phule Pune University, Pune 411007 Email - fdcpumbag@gmail.com	23.12.2014 To 29.12.2014

Interested teachers should send in the enclosed application form to the Director, Academic Staff College, Savitribai Phule Pune University, Pune 411007. (You can send scanned copy of signed application on ascpune7@gmail.com)

P.S. : Apart from the mandatory condition for CAS, as per the UGC regulations 2010, teacher completing a Faculty Development Programme of one week duration will get 10 API points.

Please note that :

- Maximum 30 participants will be considered per batch and applications will be considered on first come first serve basis.
- **No TA/DA will be provided for the participating teachers.**
- **Selected teachers will have to submit relieving order from the college.**
- The participating teacher will pay Rs. 2000/- as registration fees, by cash to the Principal / Director of organizing Institute.
- The organizing Institute will provide hospitality to the participants.
- Wherever required, the participating teacher will have to arrange for his/her accommodation.

Ref.No. ASC/87/14

Date 10/04/2014

**DIRECTOR
BCUD**



UGC- Academic Staff
College

Savitribai Phule University of Pune



Faculty Development Programme for Senior Faculty of Sciences from 2nd Feb. to 8th Feb. 2015 at
Vidya Pratishthan's Arts, Science and Commerce College, Vidyanagar, Bavarnat, Dist-Pune 411031.

Time Table

Time	Monday 2 nd Feb.15	Tuesday 3 rd Feb.15	Wednesday 4 th Feb.15	Thursday 5 th Feb.15	Friday 6 th Feb.15	Saturday 7 th Feb.15	Sunday 8 th Feb.
10.00 to 11.30	Inauguration Dr. V. B. Galwad	Dr.Sanjay Chakane 'Community engagement for teachers'	Mr.Pravin Ujagar 'Communication Process'	Dr.Sambhaji Pathare 'NAAC'	BIT Graphics Pvt.Ltd.Bhigwan Study Visit	Dr.S.B.Deosarkar Engineering Methodologies	Dr.Vija 'Cyber Security/Human'
11.30 to 1.00	Dr.A.D.Advani (Member, MPSC) 'Inspiring & committed teachers'	Dr.Anila Kar 'Research & its social impact'	Mr.Maheshkumar 'Managing Road-Blocks to Communication'	Dr.A.D.Padhye 'Ornithology'	BIT Graphics Pvt.Ltd.Bhigwan Study Visit	Hands on Training at VSBT on Gene sequencer & RT-PCR	Dr.M.N.Ve 'Visiting & Nanolect'
2.00 to 3.30	Dr.Vilas Khatal 'Use of IT'	Dr.Manoj Oak 'Plant Breeding'	Mr.Pravin Ujagar 'Inter person skills'	Dr.Prakash Thorat 'How to write Research Paper'	National Instl. Of 'Abiotic Stress Management Malegaon' Study Visit	Hands on Training at VSBT on AAS HPTLC, UV Spectrophotometry	Valedic Funct Dr. M. S.
3.30 to 5.00	Dr.K.C.Mehite 'Recent Advances in Science'	Dr.K.N.Dhawal 'Teaching Methodologies'	Mr.Maheshkumar 'Relationship Management'	Dr.Milind Wadve 'The Katta system of interactive non curricular edu.'	National Instl. Of Abiotic Stress Management Malegaon 'Study Visit'	Hands on Training at VSBT on Fermenter	

REFRESHER COURSE in EXPERIMENTAL PHYSICS

2012-2013



**Dr. Arun Adsool, Principal
VPASCC, felicitating
Prof. Dr. Srinivasan**



**Prof. Dr. Srinivasan,
guiding the participants**



**Dr. Mahesh Vedpathak, briefing
the participants about the
refresher course and its objectives**



PARTICIPANTS



Vidya Pratishthan's

ARTS, SCIENCE & COMMERCE COLLEGE

Vidyamagar, Baramati, Dist. Pune (413 133) Phone / Fax No. 91-02112-243468 Res. 243832

◆ Affiliated to Pune University ◆ I.D. No. : PU/PN/ASC/101/1994 ◆ J. College Code No. : J 11/12/012

◆ 'BEST COLLEGE AWARD' by Pune University, Pune ◆ NAAC reaccredited 'A' Grade

◆ 'BEST PRINCIPAL AWARD' by Pune University, Pune ◆ VANSHRI AWARD by Govt. of Maha.

Principal Dr. Arun Adsool

VP/ASC/ /2012-13

Date: 01/07/2013

To,
Sri G. Madhavan
Co-ordinator, Science Education Programs
Indian Academy of Sciences
C.V. Raman Avenue, Sadashivnagar
Bangalore 560 080

Sub.: Submission of Academic and Financial Report on the 48th Refresher Course in Experimental Physics

Respected Sir,

Please find herewith attached the **Academic and Financial Report** of the '48th Refresher Course in Experimental Physics' conducted at Department of Physics at VPASC College, Baramati, during May 14 to 29, 2013.

We would like to thank you for your constant support and cooperation for successful execution of the course.

Thanking you,

Sincerely,


Dr. Mahesh Vedpathak
Co-ordinator
IAS Refresher Course


Dr. Arun Adsool
PRINCIPAL
Vidya Pratishthan's
Arts, Science & Commerce College
Vidyamagar, Baramati (Pune) 413 133.

Enclosure: 1. Academic Report.
2. Financial Report along with the original bills.

Report

on

Science Academies' XLVIIIth Refresher Course in Experimental Physics

at

Department of Physics

Vidya Pratishthan's Arts, Science and Commerce College, Baramati

(May 14 to 29, 2013)

The course was sanctioned by the academies' for two batches (around 50 participants). We did the laboratory preparation as per requirements provided by the director for the same before May 12, 2013. The director of the course, Prof. Srinivasan and resource persons Dr. T.G. Ramesh, Dr. K.R. Priolkar, Dr. Efrim D'sa, Prof. Sadique and Mr. Manohar Naik arrived at Baramati on May 12 evening. Dr. Manohar Nyayate, Dr. Neeta Srivastava and Dr. R.T. Sapkal joined us on May 13, morning and the laboratory setting work began around 10.00 am.

We have received forty nine applications and acceptance from them as well as we were expecting about nine more participants as confirmation was given by their respective principals. In Maharashtra there was boycott on examination duties by college teachers for more than three months which got over just one day before the course and around twenty five teachers could not able to join the course as the university practical examination duties were assigned to them at the same period. This was unfortunate incident which nobody was able to avoid.

Inaugural function took place on May 14 at 10.00 am in the presence of chief guest Prof. R. Srinivasan and Principal Dr. Arun Adsool as a president. The director of the course and all resource persons were felicitated by the Principal. Immediately after tea break the course lectures started as per schedule.

All the sessions were carried out as per time table. Twenty six lectures from resource persons were delivered. During three discussion sessions response from the participants was very good. The guests were invited for special lectures. Prof. Suresh Gosavi from Physics

Department, Pune University talked about the nanomaterials and their applications on May 24. On May 25, Dr. Bharat Kale, Scientist 'F', from CMET, Pune, delivered the lecture on composites of metal oxide nanoparticles in glasses and the application of the same in practice. Prof. R. Nagarajan from Mumbai University gave the glimpses of superconducting ferrites and other materials on May 27. He also demonstrated one experiment on May 28, afternoon in the laboratory.

During eighteen laboratory sessions all the experiments, as per list, were carried out successfully by all the participants under the guidance of resource persons.

Dr. Adsool (Ph. D. in Physics) had spent one laboratory session and gone through all the experiments. He had discussions with resource persons and participants during the session.

The special dinner was arranged at the canteen lawn on May 25, evening to which family members of the physics department were invited.

Prof. K.C. Mohite (Ph.D. in Physics), Dean, Science Faculty, Pune University was the chief guest and Principal Dr. Arun Adsool was the president for Valedictory function on May 29. Prof. Srinivasan and resource persons had half an hour discussion with Dr. Mohite and Dr. Adsool before the function and after function Dr. Mohite visited the laboratory where he saw the actual set-up and showed keen interest. In his talk Dr. Mohite assured that he will call the meeting of 'Board of Studies (BOS)' for Physics at Pune university and will try to include some of the experiments in UG and PG curriculum immediately. In his presidential address Dr. Adsool mentioned that such type of experiments is a need of today to improve experimental skills and understanding of basic concepts of the students.

Representative three participants gave their impression about the course during valedictory function, which were very positive and also indicative to accept these experiments in curriculum. Participants were happy about their comfortable stay, good food and content of the course. The certificates and group photos were distributed by the chief guest Dr. Mohite. During concluding remarks Prof. Srinivasan mentioned that the course had a great success as almost all the participants successfully carried out all the experiments. Duly filled feedback forms are submitted to the course director.

We have paid the actual minimum bus fair to local participants travelling distance more than five kilometer after communication with you. Fifteen outstationed participants

XI. VIII REFRESHER COURSE IN EXPERIMENTAL PHYSICS

May 14 to 29, 2013

AT

VIDYA PRATISHTHAN'S ARTS, SCI. AND COM. COLLEGE, BARAMATI

Sponsored by

INDIAN ACADEMY OF SCIENCES, BANGALORE

INDIAN NATIONAL SCIENCE ACADEMY, DELHI

NATIONAL ACADEMY OF SCIENCES, INDIA, ALLAHABAD

AND

VIDYA PRATISHTHAN'S ARTS, SCI. AND COM. COLLEGE, BARAMATI

TIME TABLE

REGISTRATION: 14 May '13: 9-00 to 9-30 Hrs:

(L. denotes lecture number).

Day and date	9-30 to 10-30 Hrs	10-45 to 11-45 Hrs	11-45 to 12-45 Hrs	14-00 to 15-00 Hrs	15-15 to 16-15 Hrs	16-15 to 17-15 Hrs
Tuesday 14 May '13	Inaugu- ration	ED1 (L1)	MN1 (L4)	ED2 (L2)	NS1 (L7)	RTS 1 (L9)
	9-30 to 10-30 Hrs	10-45 to 11-45 Hrs	11-45 to 12-45 Hrs	14-00 to 15-00 Hrs	15-15 to 16-15 Hrs	16-15 to 17-15 Hrs
Wednesday 15 May '13	MN2 (L5)	ED3 (L3)	MN3 (L6)	NS2 (L8)	RTS2 (L10)	MV1 (L11)
Thursday 16 May '13	Sadique1 (L13)	MV2 (L12)	Nyayate1 (L15)	Sadique 2 (L14)	Nyayate2 (L16)	KRP1 (L18)
Friday 17 May '13	Nyayate3 (L17)	KRP2 (L19)	TGR1 (L21)	KRP3 (L20)	TGR2 (L22)	TGR3 (L23)
Saturday 18 May '13	RS1 (L24)	LABORATORY		LABORATORY		
Sunday 19 May '13	HOLIDAY					
Monday 20 May '13	RS2 (L25)	LABORATORY		LABORATORY		
Tuesday 21 May '13	RS3 (L26)	LABORATORY		LABORATORY		

Day & Date	9-30 to 10-30 Hrs	10-30 to 12-45 Hrs	14 to 17-15 Hrs
Wednesday 22 May '13	SPL1	LABORATORY	LABORATORY
Thursday 23 May '13	Discussion	LABORATORY	LABORATORY
Friday 24 May '13	SPL2	LABORATORY	LABORATORY
Saturday 25 May '13	Discussion	LABORATORY	LABORATORY
Sunday 26 May '13	HOLIDAY		
Monday 27 May '13	SPL3	LABORATORY	LABORATORY
Tuesday 28 May '13	Discussion	LABORATORY	LABORATORY
Wednesday 29 May '13	9-30 TO 10-30	11 to 12 Hrs	
	Feedback	Valedictory	

LUNCH: 13-14 HRS

COFFEE/TEA BREAK

10-30 TO 10-45 HRS
(Except on 5 June)
15-00 TO 15-15 HRS

LECTURES

Dr. EFREM DESA (ED)

1. Constant current source and DC Differential Amplifier.
2. TCR of Copper and Band gap of Silicon
3. Rigidity Modulus of a brass wire

SRI MANOHAR NAIK (MN)

4. Signal generator and power amplifier
5. AC Experiments
6. Young's Modulus of a bar by Flexural vibrations

Dr. NITU SRIVASTAVA (NS)

7. Stefan's constant
8. High Resistance by leakage

Dr. R.T. SAPKAL (RTS)

9. Passive filters
10. AC Bridges

Dr. MAHESH VEDPATHAK (MV)

11. Thermal and electrical conductivity of Copper and thermal conductivity of a Poor Conductor.
12. k/e using a transistor

LECTURES BY Prof. SADIQUE (Sadique)

13. Capacitance meter - Dielectric constant of benzene and dipole moment of Of acetone
14. Verification of Curie Weiss Law for a ceramic capacitor

Dr. MANOHAR NYAYATE (Nyayate)

15. Calibration of a silicon diode and Copper constantan thermocouple against Pt Resistance thermometer
16. Thermal diffusivity of brass.
17. Error Analysis

Dr. K.R. PRIOLKAR (KRP)

18. B-H curve
19. Phase sensitive detection and calibration of a lock in amplifier
20. Measurement of mutual inductance and low resistance with a lock in amplifier.

Dr. T.G. RAMESH (TGR)

21. Inversion temperature of Fe-Cu thermocouple
22. Phase transitions
23. Martensite to Austenite Phase transformation in a shape memory alloy

LECTURES BY PROF. R.Srinivasan (RS)

24. Thermal Relaxation of a serial light bulb
25. Non-linear dynamics – Feigenbaum circuit
26. Non-linear dynamics – Chua circuit

SPL are special lectures to be delivered by specialists

48TH REFRESHER COURSE IN EXPERIMENTAL PHYSICS

VIDYA PRATISHTHAN'S ARTS, SCI. AND COM. COLLEGE, BARAHATI

May 14-29, 2013

LIST OF EXPERIMENTS

1. Young's modulus by flexural vibrations and Rigidity modulus of brass
2. Stefan's constant of Radiation and High resistance by leakage.
3. Thermal and electrical conductivity of Copper and thermal conductivity of a Poor conductor, k/e using a transistor
4. Thermal diffusivity of brass
5. Calibration of Si diode and Cu-Constantan thermocouple against Pt resistance Thermometer.
6. TCR of Copper and band gap of silicon
7. A C Experiments
8. Passive filters
9. AC Bridges
10. Comparison of capacitances, Dielectric constant of benzene and dipole moment of acetone
11. Verification of Curie Weiss law from temperature dependence of the capacitance of a Ceramic capacitor.
12. Thermal relaxation of a serial light bulb
13. B-H curve
14. Calibration of a Lock in amplifier, measurement of mutual inductance and low Resistance.
15. Inversion temperature of an Fe-Cu thermocouple

16. Phase transition in shape memory alloy traced through resistance
17. Non-linear dynamics- Feigenbaum and Chua circuits.

SUPERVISION OF LABORATORY

The total number of participants in the course will be 60. There will be two laboratories running in parallel. Each experiment will be duplicated. There will be 30 participants in each laboratory. Lectures for the two groups will be held together. The time table indicates the lectures to be given by each Resource person. However in the lab session each resource person must supervise experiments in addition to those on which he/she will give lectures. I indicate below the resource persons for each group and what experiments they have to supervise.

BATCH I

- | | |
|------------------------|------------------------|
| 1. Dr. Efreem DESA | Experiments 5,10,11,1 |
| 2. Dr. R.T. Sapkal | Experiments 7,8,9,6 |
| 3. Dr. Manohar Nyayate | Experiments 3, 4,12, |
| 4. Prof. R. Srinivasan | Experiments 13,14,17,2 |
| 5. Dr. T.G. Ramesh | Experiments 15,16 |

BATCH II

- | | |
|-------------------------|----------------------|
| 1. Prof. Sadique | Experiments 5,10,11 |
| 2. Mr. Manohar Naik | Experiments 3, 4,12 |
| 3. Dr. Neeta Srivastava | Experiments 1,2,6 |
| 4. Dr. Mahesh Vedpathak | Experiments 7,8,9 |
| 5. Dr. K.R. Priolkar | Experiments 13,14,17 |
| 6. Dr. T.G. Ramesh | Experiments 15,16 |

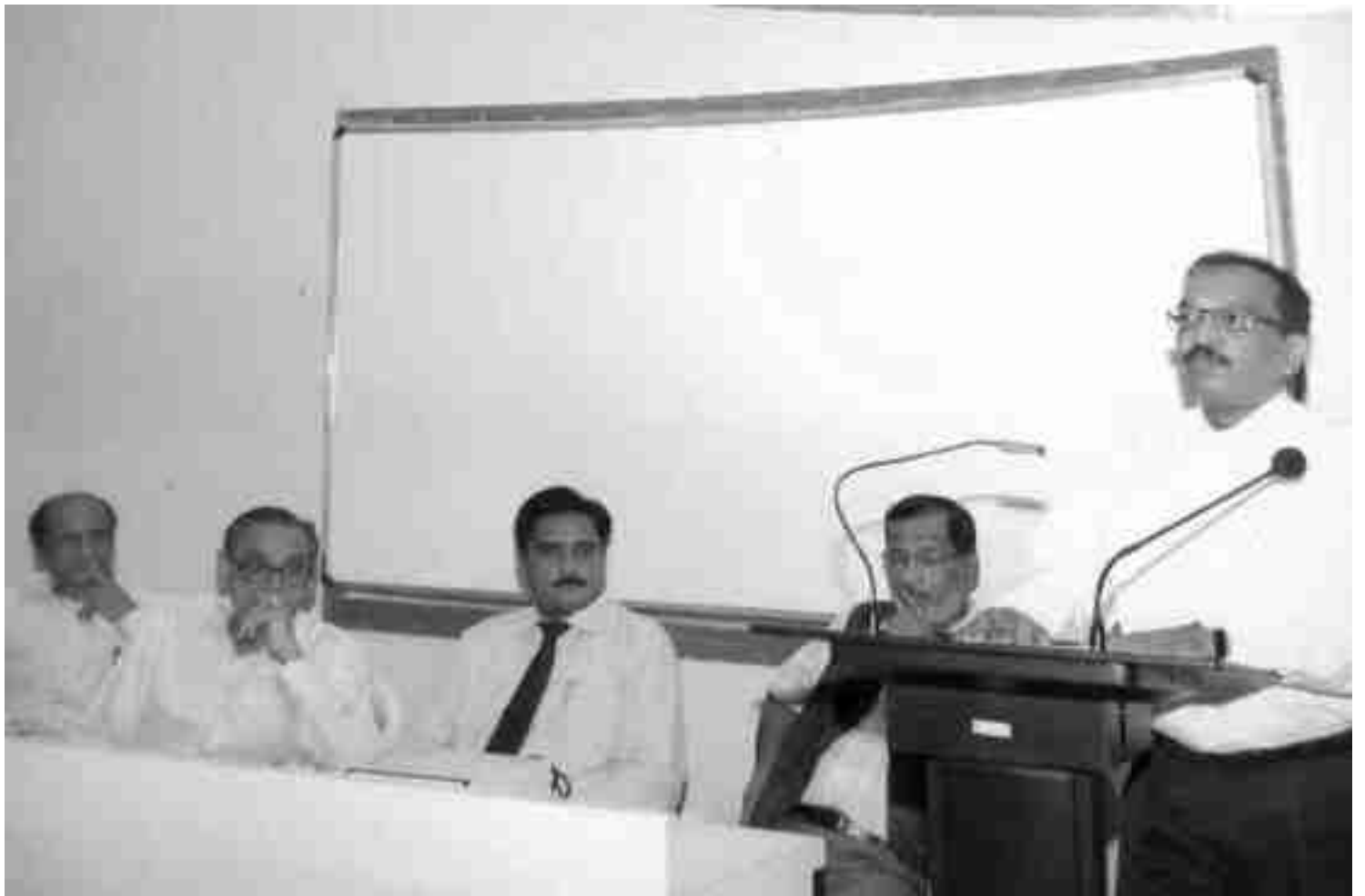
Science Academies
XLVIIIth Refresher Course in Experimental Physics
 (May 14 -29, 2013)

No.	Name	E-mail	Mobile
1	Mr. Devidas V. Kasal	omkarsasal@rediffmail.com	09020637703
2	Sadashiv N. Belgatne	sobelpatre@yahoo.co.in	09011663089
3	Mr. Dattatray H. Bobade	bobadehb@gmail.com	99975397077
4	Dr. Fakir-Mohamad D. Attar	fmattara@gmail.com	09552839914
5	Mr. Anil S. Diale	anildiale1@gmail.com	09421938940
6	Dr. Chandikant T. Londhe	londhect@gmail.com	09850136648
7	Dr. Haridas J. Kharat	haridaskharat@yahoo.co.in	09890967669
9	Mr. Nirvikar Kundwaha	nirvikark11@gmail.com	09336036366
10	Mr. Mahesh H. Yargar	maheshyargar99@gmail.com	09503105634
11	Mr. Shrikant D. Ghodke	ghodke.shrikant@gmail.com	09757062017
12	Mr. Mahendra D. Waghmare	mdwaghmare69@gmail.com	09922188504
13	Dr. Sagar S. Jagtap	ssjagtap83@gmail.com	09637742328
14	Mr. Ishwar H. Dhadade	idhadade@yahoo.com	09421776957
15	Mr. Tukaram R. Jagtap	trjagtap@gmail.com	09975615764
16	Mr. Vilas N. Bhosale	vilasbhossale30@gmail.com	09595112838
17	Mr. Bapuso N. Pawar	bapuso@live.in	09421847249
18	Mr. Anol S. Jagtap	amoljagtap1383@gmail.com	09881666920
19	Dr. Mrs. Jayashri A. Bagawade	bagawadebj@yahoo.com	09850562630
20	Dr. Ramesh J. Deokate	deokate2000@yahoo.co.in	09303287701
21	Dr. Pradip V. Patil	pvp_physics@yahoo.co.in	09623389644
22	Dr. Suhail V. Kulkarni	suhail71@yahoo.co.in	09970015638
23	Mrs. Ujwala S. Sato	ujwalasato@gmail.com	09022458958
24	Mr. Pratikumar K. Zagade	pratikkumar0704@gmail.com	09890384778
25	Mr. Amey S. Mahadik	cool.ameymahadik@gmail.com	09850236694
26	Mr. Ranjit S. Kate	17kateranjit@gmail.com	08600987294
27	Mr. Chetan B. Mahunawar	cm15402@gmail.com	09975193196
28	Dr. Mrs. Smita A. Lokare	lokaresmita@gmail.com	09552504184
29	Ms. Gandhali S. Narvankar	gandhalinarvankar@yahoo.com	07798936480
30	Mrs. Swati R. Gawali	swati.r.gawali@gmail.com	09850766169









Refresher Course and Orientation Programme 2012-2013



Felicitation of Dr. Sanjiv Sonavane, Dean and Coordinator, Staff Academic College, Pune University, by Dr. Arun Adsool, Principal VPASCC, on behalf of Orientation Programme and Refresher Course



a) Dr. L. M. Kashid, Convener, Refresher Course, b) Dr. H. S. Patil, Convener, Orientation Programme, addressing the participants.



Participants of Refresher Course and Orientation Programme

14th Orientation Course (25 June to 22 July 2012) Teaching Learning & Communication
 Conducted by Academic Staff College & Vidya Pratishthan's Arts, Science & Commerce College, Miryapur, Baramati



By Left : Dr Anil Adsool (Principal), Dr. H. H. Patil (Co-ordinator)
 First Row standing by Left : Ghatge S. T., Ghungaria D. S., Patil V. V., Bajeekar U. G., Gosar S. G., Shetang V. S., Ughade I. G., Khande M. N., Dext N., Suryawarshi M. B., Auzar U. L., Thakare S. V., Palfam J. A., Waghmare D. B., Shuk H. Y.
 Second Row Standing by Left : Phule P. P., Sato N. B., Gujar S. P., Bhosale A. B. (C.R.), Talve A. B., Jayantide M. A., Phatak H. V., Wagle N. C., Rahud E. L., Khende K. R., Dalmeida N. D., Patil S. V., Kangan V. P., Chavan D. M., Saraykar J. A.
 Third Row Standing by Left : Deokate R. J., Gadhave S. S., Wangewar R. P., Shinde R. K., Waghmare Y. M., Tata P. Y., Pad S. V., Pawar K. C., Shelke E. B., Todorai R. S., Borke T. H., Darekar B. P., Awate M. B., Jadhav S. B.

UGC / PUNE University Sponsored Refresher Course in "Research Methodology and Discoveries Science"
 Organized by : Vidya Pratishthan's Arts, Science & Commerce College, Miryapur, Baramati (25th June 2012 to July 2012)



Ist Row by left : Mr. Kulkarni M. M., Mr. Mahajan E. M., Dr. Kashid L. M. (co-ordinator), Principal Dr. Anil Adsool, Mr. Nimbkar D. V.
 II ist Row by left : Mrs. Dhawa N. K., Mrs. Kankole P. B., Mr. Gogekar S. N., Mr. Ingavale H. R., Mr. Bhosale M. R., Mr. Lambhe V. P., Mr. Nanavare J. G., Mrs. Deshpande M. V., Mr. Dange J. S.
 III ist Row by left : Mr. Wankar H. Y., Mr. More D. L., Mr. Gadhe D. R., Mr. Kankole N. N., Mr. Langori K. R., Mr. Rewarke D. H., Mr. Mahajan K. J., Mr. Borgse S. B., Mr. Dhobale G. R., Mr. Yagnottkar N. K.

Report on Orientation Programme

Dr. H. S. Patil | Co-ordinator, Orientation Programme

Education is the manifestation of perfection already in man. It is lifelong process and its purpose is to establish a learning society. It is only through learning that one acquire knowledge. Bearing in mind the importance of education our College conducted Orientation Programme during 25th June 2012 to 22nd July 2012. The Programme was conducted in-collaboration with Academic Staff College, University of Pune, Pune. Thrust areas chosen for orientation programme were 'Teaching, Learning and Communication skill'. This programme was inaugurated at the auspices of Dr. Sarjeev Sonawane, Director, Academic Staff College and Dr. Ashok Chaskar, Dean, Faculty of Arts and Fine Arts, University of Pune on 25th June 2012. The applications for the particular programme received were 70, out of which 55 were selected and 44 participants join the programme. The selection was made as per the rules and regulations of University of Pune. Duration of Programme was 28 days.

During the four weeks programme lectures by experts in their respective field were arranged for the participants. Seminar and group discussion was arranged to evaluate the communication skills of participants. One day field visit to Kas plateau - World Heritage Center of Biodiversity and Museum - Aundh, Dist - Satara was organized during the programme. Out of 44 participants 42 successfully completed Orientation Programme with 'A' grade and only 2 with 'B' grade.

The programme valedictory function Our Principle Dr. Adsool Sir delivering the presidential address inspired the teachers to believe that they were second to none in the world and exhorted them to make maximum use of the facilities available and build competencies among the students to face the challenges of globalization.

We couldn't have managed to conduct this programme without the able support of the management and the principal of our college Dr. Arun Adsool sir.

Our sincere thanks to the Principal for his valuable guidance, constant support and encouragement. My heartfelt thanks to Dr. D.N. Patil former director, Academic Staff College, Dr. Sarjeev Sonawane, In-charge Director and All staff of Academic Staff College, University of Pune for this timely help in the smooth conduct of the programme.

I would also like to thank all the teaching and non teaching staff members for their nice co-operation throughout this year. I am specially thankful to Mr. Sarang Dixit and Mrs. Jyoti Jagtap-Pawar for their constant help in the documentation. Last but not the least my sincere thanks goes to the participants of the programme without whose active participation the successful implementation of programme would not have been possible.

Thanks to all.



University of Pune Sponsored
ORIENTATION PROGRAMME
"Teaching, Learning & Communication Skills"

- 1] Number of Orientation Programme conducted by the Department and thrust areas chosen for Orientation Programme – **"Teaching, Learning & Communication Skills"**.
- 2] Number of application received for a particular programme – **70**
- 3] Number of Participants selected – **55**
- 4] Number of participants actually joined the programme – **44**
- 5] Duration of the programme with dates : **25th June 2012 to 22nd July 2012**
- 6] List of participants along with their institutional address experience at senior college and grades awarded at the end of Orientation Programme.
List of participants
- 7] Division of participants in the categories given below :-
 - a) Male - **32**
 - b) Female – **12**
 - c) SC - **05**
 - d) ST – **02**
 - e) DT/NT - **03**
 - f) OBC (Including SBC) – **11**
 - g) Open - **23**
 - h) Total = **44**
- 8] List of the resource persons along with their designation, institution /residential address and topic of lecture (s) -
- 9] Copies of weekly time-table of the programme –
- 10] Topics of the participants seminars, synopsis, project work etc –
- 11] Any special activity organized by the department including field visit One Day Visit to **Kas Plateau – World Heritage Center of Biodiversity and Museum- Aundh, Dist – Satara.**
- 12] The copies of the reading material given to the participants and /or prepared by the resource persons and participants –
- 13] Any other information not covered above regarding the programme -


(Dr.H.S.Patil)

Co-ordinator, Orientation Programme


(Dr.Arun Adsool)
PRINCIPAL

Academic Staff College, Pune University, Pune and Vidy Pratishthan's Arts, Science and Commerce College
 University of Pune sponsored Orientation Programme in Teaching, Learning & Communication Skills
 [25.06.2012 to 21.06.2012]

Sr.No.	Name of the Participant	Cash / 500/- D:D No.	Name of the College	Teaching Experience	Category	Subject	Accom- modation	Sign
24	Dr. H.N. U.G. Basantkar	800593	G. E. Society's, HPT/RYC College, Nashik	5 Yrs	open	Biology	✓	[Signature]
25	Mrs. Pathare J.A.	115026	---	3 yrs.	-1-	Geography	✓	[Signature]
26	Ms. Suryavandhi M.B.	800594	---	7 yrs.	OBC	Chem.	✓	[Signature]
27	Smt. S.V. Thakore	800667	K.S.K.W College CIDCO Nasik	2 yrs	OBC	Chem	✓	[Signature]
28	Dr. Uma Achary	419081	S.P. college, Pune-30.	7 yrs.	ST	Biology	✓	[Signature]
29	Dr. Gayatri S.P.	884273	S.M. Joshi college, Madhapur	14 yrs.	OFC	Geography	✓	[Signature]
30	Dr. R.J. Deokate	888311	VPASC college, Baraman.	2 yrs	NT	physics	✗	[Signature]
31	Mr. A.B. Ghosale	888334	VPASC college, Baraman	4 yrs	open	Commerce	✗	[Signature]
32	Mr. R.S. Tadmal	888335	VPASC college, Baraman	2 yrs	open	Geography	✗	[Signature]
33	Mrs. Y.P. Rangani	019234	F.C. college, Pune	3 yrs	SC	Psychology	✓	[Signature]
34	Dr. Pramod P. Phoke	196695	F.C. college, Pune	2.5 yrs	OBC	Zoology	✓	[Signature]
35	Mr. Pawar M.D.	888300	V.P. college, Baraman	3 years	open	Computer Science	✗	[Signature]

Academic Staff College, Pune University, Pune and Vidy Pralishthan's Arts, Science and Commerce College
 University of Pune sponsored Orientation Programme in Teaching, Learning & Communication Skills
 [25.06.2012 to 21.06.2012]

No.	Name of the Participant	Cash/500/- D.D No.	Name of the College	Teaching Experience	category	Subject	Accom- modation	Sign
1	Hifendra V. Shah	633504	V. P. Law College	Five	Open	Law	—	
2	Charan D. M.	208289	Appasaheb Jeele College Pune	04	B.T.A.	BUMETA	—	
3	Nilesh B. Suite	633529	V. P. Law College	Five	Open	Law	—	
4	Laxmiprabha Ughade	843012	Ahmednagar. College	04	S.C.	History	Yes	
5	Pahl Sachin Vishnu	115098	HPT/RVK college, Nashik	07	open	chem.	Yes	
6	Gai Kwad Nitin D.	115077	K.T.H.M. college, Nashik	07	open	chem	yes	
7	MANWAR HARI PANDHARI	115015	RVK college of commerce, Nashik	04	SAC	Eco	Yes	
8	Tate Deshmuch Popin Y.	633538	M. S. Kulkarni College, Solapur	03	open	Marathi	—	
9	Ghadge Shrikant Tularam	633557	M.S. Kulkarni College, Solapur	03	OPEN	Geography	—	
10	Dr. Telave Ajit Bhimrao	190709	T.C. College, Baramati	06	BE	Botany	—	
11	Santosh Sanjay Dange		Shree					
12	Dr. Pail Vaishali V.	903978	T.C. College, Baramati	02	Open	Statistics	—	

Academic Staff College, Pune University, Pune and Vidy Pratishthan's Arts, Science and Commerce College
 University of Pune sponsored Orientation Programme in Teaching, Learning & Communication Skills
 [25.06.2012 to 21.06.2012]

No.	Name of the Participant	Cash/500/- D.D.No.	Name of the College	Teaching Experience	category	Subject	Accom- modation	Sign
12	Shetke Bhau Sahab B.	012742	New Arts Commerce & Sci College Parner	4 Y	03C	Lib. Sci	X	
13	Dr. Bhalsing Vaishali S.	012743	New Arts Comm. Science College Parner	6 Y	53C	Marathi	X	
14	Prof. Ghungade Dattatray.	012747	New Arts, Comm. & Science College Parner, Dis. A. Nagar	4 Y	08C	Geography	X	
15	Prof. Yashraj Manohar Waghmare	0113136	New Arts, Com & Sci College Parner, Dist - A. Nagar	6 Yrs	ST	Commerce	X	
16	Prof. P. P. Sudhir Vilasrao	212662	E-S-Divekar college Parner (Co-Ed)	2 Yrs.	open	Science	X	
17	Prof. Srinidhi Purnat Kishore	000658	SVP's College of Commerce Science & Comp. Edu. Parner	8 Yrs.	Open	Commerce	X	
18	Dr. Trilokhar Purna	633555	VPASCC, Baranatti	4 Yrs	03C	Biology	X	
19	Khade P.H.	639508	V.P.'s B.Ed College Baranatti	2 Yrs	NTD	Education Edu.	X	
20	Waghmare D.B.	633509	V.P.'s College of education Baranatti	3 Yrs.	SC.	Edu.	X	
21	Mr. A. N. Nishimura Divi	633547	V.P.'s PSC College, Baranatti	2 Yrs.	Open	Microbiology	X	
22	Mrs. Geeta S.G.	633508	V.P.A.S.C., Baranatti	9 Yrs	Open	Biology	X	
23	Phatak H.V.	633312	T.C. College, Baranatti	4 Yrs	Open	Politics	X	

Vidya Pratishthan's
Arts, Science and Commerce College,
 Vidyanagari, Baramati, Dist -Pune

Orientation Programme in Teaching, Learning & Communication Skills
 (25th June 2012 to 22nd July 2012)

Details of Resource Persons

Sr.No.	Name & Address	Topic
1	Dr. Arun Adsool Principal, Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune.	1] About College
		2] Students Teacher Relationship
		3] Mah.University ACT 1994
2	Dr.H.S.Patil, Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune	1] Nakshatra Udyan & Human Health
		2] Environmental Awareness
		3] Unitaimens in Examinations
		4] Students for Society
3	Mr.R.Lkadam Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune	1] Effective Public Speaking
		2] Literature & Human Civilization
4	Dr.K.N.Dhumal OSD for Students Welfare, Uni.of Pune, Pune -411007	Yoga and Health
		Approach for wrting scientific Communication
		Life Science & Human Welfare
5	Dr.C.N.Rawal, Principal, BMCC College Pune - 411005	1] Professional Literacy
		2] Challenges in Higher Education
6	Dr.Sanjay Chakane Principal, Arts, Comm & Sci. College, Indapur Dist- Pune	1] Social Services by Students
		2] Motivating Students
7	Dr.S.D.Dhole Dept.of Physics, Uni.of Pune, Pune - 411007	Nuclear Medicines for society
8	Dr.K.M.Jadhav	Stress Management

9	Dr.Ashok Thorat ASIE, Aundh, Pune	Communication Skills
10	Dr.S.R.Chaphalkar Director, Vidya Pratishthan's School of Biotechnology, Baramati, Dist - Pune	Biotechnology & Society
11	Dr.Sanjay Kharat Modern College, Ganeshkhind, Pune	API
12	Dr.Shaila Bootwala Vice Principal, Abecla Inamdar College, Pune -	Inter Personal Skills
		SWOT Analysis
13	Dr.R.B.Deshmukh Vice Principal, Sharadabai Pawar Mahila Mahavidyalaya, Sharadanagar Baramati.	How to make teaching effective and attractive
14	Dr.N.A.Patil Head, Dept.of Botany T.C.College, Baramati	Cosmic Energy
15	Dr.K.C.Mohite Principal, H.V.Desai College, Pune - 30	1] Energy Resources
		2] Scientific Approach
16	Dr.Mangesh Kulkarni Dept.of History, Uni.of Pune, Pune - 411007	Mobilized Musculining in India
17	Dr.S.M.Ghadage Vice Principal, Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune	Bhakti Shakti Yoga
18	Dr.Sangita Galkwad Principal, Vidya Pratishthan's College of Education, Baramati, Dist - Pune	Brain Based Learning
19	Mr.P.N.Salunke Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune	संयुक्त महाराष्ट्र चळवळ
20	Mr.Ashok Malegaonkar Arts and Comm.College, Kalamb Tal- Indapur, Dist-Pune	शिक्षण व सामाजिक मूल्ये
21	Mr. Ujjwal Tawade Smartness Academy, Pune	Positive thinking
22	Dr.R.K.Patil Principal, Vidya Pratishthan's Vasantao Pawar Law College, Baramati, Pune	Right to Information
23	Mrs.Manisha Khutwad Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune	Globalization and Challenges in Education

24	Mrs. Anupama Rabalkar A-1, Harshad Co-op Society, Hingane Khurd, Sinhgad Road, Pune -51	1] Mass Communication 2] Media of Communication
25	Mr. V.J. Kakade Vidya Pratishthan's Arts, Science and Comm. College, Baramati, Dist - Pune	कथा एका महात्म्याची : महात्मा फुले
26	Dr. S.D. Deshpande Vice Principal, Vidya Pratishthan's Arts, Science and Comm. College, Baramati, Dist - Pune	Vermicomposting
27	Dr. Ravindra Jaybhaye OSD for BCUD, Uni. of Pune Pune - 411007	1] Eco Tourism 2] Research Proposals
28	Dr. P.R. Patil T.C. College, Baramati	प्राध्यापक जबाबदाऱ्या व आचारसंहिता
29	Dr. S.Y. Gadkar Vidya Pratishthan's Arts, Science and Comm. College, Baramati, Dist - Pune	अर्वाचीन मराठी साहित्याची सामाजिक व सांस्कृतिक पार्श्वभूमी
30	Dr. K.V. Wagh Ex-Principal, Fergusson College, Pune	Quality, Quantity syndrom in Higher Education
31	Dr. S.R. Yadav Dept. of Botany, Shivaji Uni. Kolhapur	Conservation of Biodiversity
32	Dr. Somprasad Kenjale Principal, M.S. Kakade College, Someshwarnagar, Tal - Baramati, Pune	प्रसारित विद्यापीठ कायदा
33	Mr. R.H. Choudhar Vidya Pratishthan's Arts, Science and Comm. College, Baramati, Dist - Pune	Global Warming
34	Dr. Vikram Shirdale Ayurveda & Panchkarma Centre, Baramati	कर्तृत्वासाठी आयुर्वेदातून आरोग्य
35	Dr. Karuna Pardeshi Abasaheb Garware College, Pune	Updating teaching
36	Dr. Rajendra Kumbhar Dept. of Library Science, Uni. of Pune, Pune	Information and Funding sources for Research
37	Dr. Manik Jadhav Registrar, Uni. of Pune, Pune	University Administration

38	Dr.Sharayu Sathe Abasaheb Garware College, Pune	Effective Teaching
39	Dr.M.S.Shejul Principal, Sharadabai Pawar Mahila Mahavidyala Sharadanagar, Baramati, Pune	In Pursuit of Excellence in Teaching
40	Dr.R.B.Vhanbatte Principal, Azad College of Education, Satara	Philosophical foundation of Education
41	Dr.Vandana Jadhav Azad College of Education, Satara	Models of Teaching
42	Dr.R.B.Khairnar Vidya Pratishthan's Arts, Science and Comm.College, Baramati, Dist - Pune	समान और सहित्य
43	Dr.Sanjay Deshmukh Dept.of Petroleum & Petrochemical Eng. MII, Pune	Grooming of Engineers for Society
44	Dr.R.R.Khurana, Principal, Shri.Samarth College of Education and Research, Mhasane Phata, Tal- Parner, Dist - Ahmednagar	Applications of Statistics in Research Self concept
45	Dr.S.B.Gokhale Former Head, Dept.of English, Uni.of Pune, Pune	Communication Skills
46	Dr.K.M.Khanwalkar Vidya Pratishthan's College of Education Baramati, Dist- Pune	भावनिक वृद्धीमत्ता













(Dr.H.S.Patil)
Programme Co-ordinator












(Dr.Arun Adsool)
PRINCIPAL
Vidya Pratishthan's
Arts, Science & Commerce College
Vidyanagar, Baramati (Pune) 413 133.







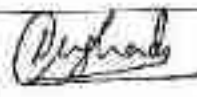




ORIENTATION PROGRAMME IN TEACHING, LEARNING & COMMUNICATION
25.06.2012 TO 22.07.2012

Receipt List

Sr. No.	Name & Address of Participants	Receipt No.	Signature
1	Ms. Adusumali Neelima Devi Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1769	<i>Neelima</i>
2	Ms. Aulwar Uma L. Sir Parshurambhau College Tilak Road Pune 411030.	1770	<i>Aulwar</i>
3	Mr. Awate Manik S. Sir Parshurambhau College Tilak Road Pune 411030.	1771	<i>Manik S.</i>
4	Ms. Basarkar Udaya G HPT Arts & RYK Science College Prin. T.A. Kulkarni, Vidyanagar Nashik 422005.	1772	<i>Udaya G.</i>
5	Ms. Bhalsing Vaishali S. New Arts, Commerce & Science, College, Parner Dist. Ahmednagar 414302.	1773	<i>Bhalsing</i>
6	Mr. Bhosale Amar B. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1774	<i>Amar B.</i>
7	Mr. Borse Tushar H. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1775	<i>Tushar H.</i>
8	Mr. Chavan Digambar M. S.B.B. Alias Appasaheb Jadhe Arts, Commerce & Science College Pune 411002.	1776	<i>Digambar M.</i>
9	Mr. Darekar Bhausaheb P. Subhash Baburao Kul Arts, Science & Commerce College Kedgaon, Dist. Pune 412203.	1777	<i>Bhausaheb P.</i>
10	Mr. Deokate Ramesh J. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1778	<i>Ramesh J.</i>
11	Mr. Gadhave Sahadeo S. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1779	<i>Sahadeo S.</i>

Sr. No	Name & Address of Participants	Receipt No.	Signature
12.	Mr. Gaikwad Nibn D. KRT Arts, BH Commerce & AM Science College Gangapur Road, Shivajinagar Nashik 422002.	1780	
13.	Mr. Ghadge Shrikant T. M.S. Kakade College Someshwanagar Dist. Pune 412306.	1781	
14.	Mr. Ghungarde Dattatray S. New Arts, Commerce & Science College Pamer Dist. Ahmednagar 414302.	1782	
15.	Ms. Gosavi Sugandha G. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1783	
16.	Mr. Gujar Sushilkumar P. S.M. Joshi College Hadapsar, Pune 411028.	1784	
17.	Mr. Jagtap Sumant B. Sir Parshurambhau College Tilak Road Pune 411030.	1785	
18.	Mr. Jamdade Manohar A. S.S. Dhamdhare Arts & Commerce College Talegaon Dhamdhare 412208. Dist. Pune	1786	
19.	Ms. Khade Meghana H. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1787	
20.	Mr. Khonde Kailas R. MVP Samaj's College of Education Gangapur Road Nashik 422002.	1788	
21.	Ms. Pathare Jyoti A. HPT Arts & RYK Science College Prin. T.A. Kulkarni, Vidyanagar Nashik 422005.	1789	
22.	Mr. Patil Sachin V. HPT Arts & RYK Science College Prin. T.A. Kulkarni, Vidyanagar Nashik 422005.	1790	

Sr. No.	Name & Address of Participants	Receipt No.	Signature
23	Mr. Patil Sudhir V Ekmath Sitaram Divakar College Varvand 412215. Dist. Pune	1791	
24	Ms. Patil Vaishali V. Tuljaram Chaturchand College Baramati 413102. Dist. Pune	1792	
26	Mr. Pawar Mahesh D. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1793	
26	Mr. Phatak Hanumant V. Tuljaram Chaturchand College Baramati 413102. Dist. Pune	1794	
27	Mr. Phirke Pramod P. Fergusson College F.R. Road Pune 411004.	1795	
28	Mr. Rangari Vijay P. Fergusson College F.R. Road Pune 411004.	1796	
29	Mr. Rathod Bharat L. Annasaheb Waghire College of Arts, Commerce & Science Otur, Dist. Pune 412409.	1797	
30	Mr. Sangvikar Jagdish A. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1798	
31	Mr. Saste Nilesh B. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1799	
32	Mr. Shah Hitendra V. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1800	
33	Mr. Shelke Bhausaheb B. New Arts, Commerce & Science College Pamer Dist. Ahmednagar 414302.	1801	

Sr. No.	Name & Address of Participants	Receipt No.	Signature
34.	Mr. Shinde Popal K College of Commerce, Science and Computer Science, Malegaon Bk., Baramati Dist. Pune 413115.	1802	
35.	Ms. Suryavanshi Manjusha B. HPT Arts & RYK Science College Prin. T.A. Kulkarni, Vidyanagar Nashik 422005.	1803	
36.	Mr. Tale Deshmukh Pravit Y. M.S. Kakade College Someshwarnagar Dist. Pune 412308.	1804	
37.	Mr. Telave Ajit B. Tuljaram Chaturchand College Baramati 413102. Dist. Pune	1805	
38.	Ms. Thakare Savita V. K S K W. Arts, Science and Commerce College CIDCO, Uttamnagar Nashik 422008.	1806	
39.	Mr. Todmal Rahul S. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1807	
40.	Ms. Ughade Laxmi Prabha G. Ahmednagar College Ahmednagar 414001.	1808	
41.	Mr. Waghare Yuvaraj M. New Arts, Commerce & Science College Pamer Dist. Ahmednagar 414302.	1809	
42.	Ms. Waghmare Deepmala B. Vidya Pratishthan's Arts, Science & Commerce College Baramati, Dist. Pune 413133.	1810	
43.	Mr. Wajage Navanath D. Savitribai College of Arts Pimpalgaon Pise Tal. Shrigonda, Dist. Ahmednagar	1811	
44.	Mr. Wangarwar Hari P. B.Y.K.(Sinnar) College of Commerce Prin. T.A. Kulkarni, Vidyanagar Nashik 422002.	1812	

Report

“Refresher Course in Research Methodology
and Discoveries”

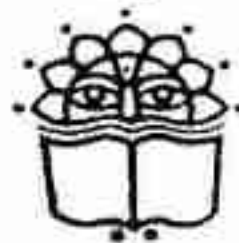
Submitted

To

Academic Staff College

University Of Pune, Ganeshkhind, Pune

By



Vidya Pratishthan's

Arts, Science and Commerce College

Vidyanagari, Baramati, Dist – Pune

(25.06.2012 to 15.07.2012)

REPORT ON CONDUCT OF REFRESHER COURSE PROGRAMME

1. Number of Refresher Programme conducted by the Department and thrust areas chosen for Refresher Programme: **Research Methodology and Discoveries' (Science)**
2. Number of applications received for particular programme : **30**
3. Number of participants selected : **30**
4. Number of participants actually joined : **22**
5. Duration of the programme with dates : **25.06.2012 To 15.07.2012**
6. List of participants along with their intitutional address, experience at senior college and grade awarded at the end of the Refresher Programme: **Separate sheet attached.**
7. Division of participants in the Categories given below

Male	18	Female	04
SC	04	ST	Nil
DT/NT	03	OBC	03
Open	12	Total	22

8. List of resource persons along with their designation /intitutional address and topic of lecture: **Separate sheet attached.**
9. Copies of weekly Time Table programme: **Attached**
10. Topic of the participants Seminars, Project work and poster presentation etc: **Attached**
11. Any special activity organized by the Department including field visit, visit to institutions etc.: **Arranged visit to National Research Center for Grapes and Vasant Dada Sugar Institute at Manjari, Pune on 5th July 2012.**
12. The copies of reading material given to the participants and/or prepared by resource persons and participants.
13. Any other information not covered above regarding the programme.



Vidya Pratishthan's

ARTS, SCIENCE & COMMERCE COLLEGE

Vidyanagari, Baramati, Dist. Pune (413 133) Phone / Fax No. : 91-02112-243488 Resl. : 243488

◊ Affiliated to Pune University ◊ I.D. No. : PU/PN/ASC/101/1994 ◊ Jr. College Code No. : J 11.02.016

◊ www.vidyapratishthan.org

◊ vpasc_college@yahoo.co.in

* 'BEST COLLEGE AWARD' by Pune University, Pune.

* NAAC Reaccredited 'A' Grade

Principal Dr.Arun Adsool

Date: 29th June 2012

To,
The Director,
Academic Staff College,
University of Pune,
Pune

Subject : Refresher Course...

Sir,

I am sending herewith the required details of Refresher Course in Research Methodology and Discoveries during the academic year 2011-12, being conducted by our college under your guidelines.

1. Name-list of the participants along-with their addresses.
2. Registration Forms
3. Registration Fees (Demand Drafts.)

You are hereby kindly requested to note the same. Do the needful.
Thank you,

Sincerely yours,

(Dr.Lalasaheb Kashid)
Course -Co-ordinator

(Dr.Arun Adsool)

PRINCIPAL
Vidya Pratishthan's
Arts, Science & Commerce College
Vidyanagari, Baramati (Pune) 413 133



Vidya Pratishthan's
ARTS, SCIENCE & COMMERCE COLLEGE

Vidyanagari, Baramati, Dist. Pune

Pune University Sponsored Refresher Course in 'Research Methodology and Discoveries' (Science) (25.06.2012 To 15.07.2012)


LIST OF RESOURCE PERSONS

Sr.No.	Name of the Resource Person	Topic
01	Dr. Arun Adsool (Principal) Vidya Pratishthans, Arts, Science and Commerce College, Vidyanagari, Baramati, Dist. Pune	Student-Teacher Relation Discoveries in sciences Scientific philosophy: view of some scientists
02	Dr.Saujeev Sonawane Dean, Education Faculty, Pune University , Pune	Research Methodology in Education
03	Dr.Chaskar Dean, Fine and Arts, Pune University , Pune	Research Methodology
04	Dr.Ashok Thorat ,Pune	Tips on literature review
05	Dr.Sanjay Chakane (Principal) Arts, Science and Commerce College, Indapur, Dist. Pune	Research culture in European country
06	Dr.S.D.Dhole Department of Physics, Pune University , Pune	Ion Beam Technology
07	Dr.Kalange Department of Physics, T.C.College, Baramati, Dist. Pune	Pulse Analysis
08	Dr.Sangita Gaikwad (Principal) Vidya Pratishthans, College of Education, Vidyanagari, Baramati, Dist. Pune	Res.Meth. in Education
09	Dr.Ajit Phadkule Head, Department of Chemistry, Sangameshwar college, Solapur	Pictorial representation of result
10	Dr.Pradeep Patil Vidya Pratishthans, Arts, Science and Commerce College, Vidyanagari, Baramati, Dist. Pune	Hypothesis testing

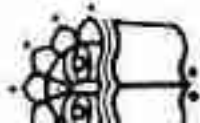
11	Dr. Devsarkar(Principal) College of Engineering , Vidyanagari, Baramati, Dist. Pune	Online research methodology (IIT Mumbai)
12	Dr.Sanjay Pore Head, Department of Chemistry, Kanya Mahavidyalaya, Kadegaon Dist. Sargoli.	Scientific presentation ,basic and beyond
13	Dr.Mohan Kule Department of Statistics ,Pune University , Pune	Use of statistics in research
14	Dr.P.G.More Department of Chemical Science, Solapur University , Solapur	Random experiments and variables
15	Dr.K.C.Mohite Deant, Science Faculty, Pune University , Pune	Designing of the experiments
16	Dr.M.M.More Department of Physics, Pune University , Pune	Ongoing research activity
17	Dr.S.W. Gosavi Department of Physics, Pune University , Pune	Micro-nano system
18	Dr.Archana Bhuguna Pfizer Pharmaceutical , Mumbai	Research and development laboratory
19	Dr.Ladgaonkar Head, Department of Electronics, Shankarrao Mohite Mahavidyalaya, Akulj, Dist. Solapur.	Data analysis and Report preparation
20	Dr. G.K. Kulkarni Ex. Professor, Department of Zoology, BAMU, Aurangabad	Scientific paper writing Calibration of instruments
22	Dr. Rajeev Chikate Department of Chemistry, Abasaheb Garware College, Pune	Bin-inorganic chemistry and RM, Developing hypothesis
23	Dr.C.V.Rode National Chemical Laboratory, Pune	Biorefinery; concept to realization
24	Dr.Mahesh Wedpathak Vidya Pratishthana, Arts, Science and Commerce College, Vidyanagari, Baramati, Dist. Pune	XRD, AAS, HPLC and gas Chromatography.
25	Dr S.K.Chavan Department of Chemistry, Dayanand College of Arts and Science, Solapur	Regression analysis

26	Dr. Jotika Rajwade Agarkar Research Institute, Pune	Nanobiotechnology
27	Dr. Satish Molashi Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Literature search on line journal Correlation coefficient
28	Dr. K. N. Dhumal Ex. Professor, Department of Botany, Pune University, Pune	RM in life sciences Manuscript preparation for publication
29	Dr. Ravindra Jajbhaye OSD Pune University, Pune	GIS and remote sensing UGC/BCUD/DST project proposals
30	Dr. P. V. Anbhule Department of Chemistry, Shivaji University, Kolhapur.	Errors, Standard deviation and variance in research
31	Dr. Alim Sayad Department of Chemistry, Abeda Inamdar College, Pune	Thesis writing, Current research proposals
32	Dr. C. N. Rawal (Principal) BMCC, Pune	Time management in research
33	Dr. S. R. Yadav Head, Department of Chemistry, Shivaji University, Kolhapur	Biosystematics Biodiversity
34	Dr. R. S. Dhepe (Principal) Shivdare College of Biotechnology, Solapur.	Patents laws Ethical issues in science
35	Dr. Nitin Mirgane College of Engineering, Mumbai	Need for research
36	Dr. Bharat Kale C-MET, Pune	Impact factors and Nanoscience
37	Dr. M. B. Deshmukh Department of Chemistry, Shivaji University, Kolhapur.	Citation index RM in forensic Science
38	Dr. Sushma Chaphalkar Vidya Pratishthans, School of Biotechnology, Vidyanagari, Baramati, Dist. Pune.	Research in Biotechnology
39	Dr. Manoj Oak Agarkar Research Institute, Pune	Experimental Skill
40	Dr. K. M. Jadhav Department of Psychology, T.C. College, Baramati, Dist. Pune	Press Management
41	Dr. Neelam Patil Department of Botany, T.C. College, Baramati, Dist. Pune	Project Proposal Writing

42	Prof R.L. Kadam Department of English, Vidya Pratishthan, Arts, Science and Commerce College, Vidyanagari, Baranatti, Dist. Pune	Effective Communication Skill
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(Dr. Lalasaheb Kashid)
Co-coordinator, Refresher Course


(Dr. Azim Adsool)
Principal
PRINCIPAL
Vidya Pratishthan's
Arts, Science & Commerce College,
Vidyanagari, Baranatti (Pune) 413 133.



Vidya Pratishthan's
ARTS, SCIENCE & COMMERCE COLLEGE

Vidyasagar, Baranveli, Dist. Pune

UGC/Pune University Sponsored Refresher Course in 'Research Methodology and Discoveries' (Science)
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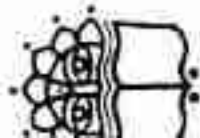
Day/Date	9.30 am to 11.00 am	11.15am to 12.45pm	12.45pm to 1.45 pm	1.45pm to 3.15pm	3.30pm to 5.00pm
Monday 25.06.2012	Registration	Student-Teacher Relation Dr. Arun Adsool	Lunch	Inauguration Dr. Sanjeev Sonawane	Inauguration Dr. Chaskar
Tuesday 26.06.2012	Effective Communication Skill Prof R.L. Kadam	Experiment (Skill) Dr. Manoj Oak	Lunch	Press Management Dr. K.M. Jadhav	Project Proposal Writing Dr. Neelam Patil
Wednesday 27.06.2012	Research culture in European country Dr. Sanjay Chakane	Ion Beam Technology Dr. S.D. Dhole	Lunch	Met. Meth. in Education Dr. Sangita Gaikawad	Factorial representation of result Dr. Ajit Phadkule
Thursday 28.06.2012	Pulse Analysis Dr. Kalange	Tips on literature review Dr. Ashok Thorat	Lunch	Hypertesis testing Dr. Pradeep Patil	Online research methodology (III. Mumbai) Dr. Devgarkar
Friday 29.06.2012	Scientific presentation, basic and beyond Dr. Sanjay Pore	Use of statistics in research Dr. Mohan Kale	Lunch	Use of statistics in research Dr. Mohan Kale	Random experiments and variables Dr. P.G. More
Saturday 30.06.2012	Designing of the experiments Dr. K.C. Mahite	Ongoing research activity Dr. M.M. More	Lunch	Micro-nano system Dr. S.W. Gosavi	Library Work

For Breaks: 11.00 am to 11.15 am & 3.15 pm to 3.30 pm


(Dr. L.M. Kashid)

Coordinator, Refresher Course


(Dr. Arin Adsool)
Principal



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ARTS, SCIENCE & COMMERCE COLLEGE
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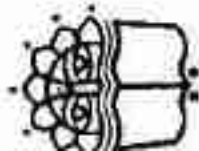
Day/Date	9.30 am to 11.00 am	11.15am to 12.45pm	12.45pm to 1.45 pm	1.45pm to 3.15pm	3.30pm to 5.00pm
Monday 2.07.2012	Research and development laboratory Dr. Archana Bhuguna	Data analysis Dr. Ladgaonkar	Lunch	Report preparation Dr. Ladgaonkar	Library Work
Tuesday 3.07.2012	Scientific paper writing Dr. G.K. Kulkarni	Calibration of Instruments Dr. G.K. Kulkarni	Lunch	Method validation Dr. P.F. More	VSBY Dr. S.R. Chaphalkar
Wednesday 4.07.2012	Bio-inorganic chemistry and RM Dr. Rajeev Chikate	Developing hypothesis Dr. Rajeev Chikate	Lunch	Bio-remedy: concept to realization Dr. C.V. Rode	Medicinal plant and Nabadarra Prof D.K. Jagatap
Thursday 5.07.2012	Visit to NRC Grapes	Visit to NRC Grapes	Lunch	Visit to VSI	Visit to VSI
Friday 6.07.2012	Regression analysis Dr. S.K. Chavan	Nanobioscience Dr. Jotika Rajwade	Lunch	Literature search on line journal Dr. Satish Mokashi	Correlation coefficient Dr. Satish Mokashi
Saturday 7.07.2012	RM in life sciences Dr. K.N. Dhumal	GIS and remote sensing Dr. Ravindra Jajbhaye	Lunch	Manuscript preparation for publication Dr. K.N. Dhumal	UGC/PCU/DSY project proposals Dr. Ravindra Jajbhaye

Tea Breaks: 11.00 am to 11.15 am & 3.15 pm to 3.30 pm

(Dr. L.M. Kashid)

Coordinator, Refresher Course

(Dr. Arun Adsool)
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Day/Date	9.30 am to 11.00 am	11.15am to 12.45pm	12.45pm to 1.45 pm	1.45pm to 3.15pm	3.30pm to 5.00pm
Monday 09.07.2012	Excers, Standard deviation and variance in research Dr.P.V.Ahbbule	Thesis writing Dr.Alim Sayad	Lunch	Current research proposals Dr.Alim Sayad	Seminar and Project Assignment Prof.H.M. Wudde Prof. S.S.Satpute
Tuesday 10.07.2012	Time management in research Dr.C.N.Rawal	Bioinformatics Dr.S.R.Yadav	Lunch	Biodiversity Dr.S.R.Yadav	Seminar and Project Assignment Prof.M.P.Deshpande Prof.Sonawane
Wednesday 11.07.2012	Discoveries in sciences Dr.Arun Adsool	XRD, AAS Immuntization Dr.M. Wedpathak	Lunch	HPLC and Day Chromatography Dr.M. Wedpathak	Computational approaches Prof.G.V.Joshi Prof.Dhane
Thursday 12.07.2012	Need for research Dr. Nitin Mirgane	Impact factors and Nanoscience Dr.Bharat Kale	Lunch	Need for research Dr. Nitin Mirgane	Seminar and Project Assignment Dr.H.S.Patil Dr.J.S.Chimantpure
Friday 13.07.2012	Citation index Dr.M.B.Deshmukh	RM in forensic Science Dr.M.R.Deshmukh	Lunch	Research in Nanotechnology Dr.Sushma Chaphalkar	Poster presentation Dr.H.S.patil Dr.S.D. Deshpande Dr.Mahesh Wedpathak
Saturday 14.07.2012	Visit to science laboratory	Scientific philosophy view of some scientists Dr.Arun Adsool	Lunch	Valedictory Function Dr.Arun Adsool and Sachin Surve	

Tim Breake: 11.00 am to 11.45 am & 3.15 pm to 3.30 pm

(Dr.L.M. Kashid)

Coordinator, Refresher Course







(Dr.Arun Adsool)

Principal

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Refresher Course in 'Research Methodology and Discoveries'







(25.06.2012 To 14.07.2012)

Name of the Participant	ID No. Rs.500/-	Name of the College	Teaching Experience	Category	Subject	Accommodation	Mobile No	Sign
Uttam Kumar	888336	Art, Science and Commerce College, Indapur Dist:- pune	19 Years	Open	Physical Chemistry	No	997530428	
Ujjwal Nehraji Nath	888323	V.P.S. Arts, Science and Commerce college MIDC Baramati Dist:- pune	11 Years	Open	Inorganic Chemistry	No	954554453	
Kar Mangesh Chakkar	633548	V.P.S. Arts, Science and Commerce college MIDC Baramati Dist:- pune	14 Years	O.B.C	Electronic	No	9422366409	
Amble Madini Bhauso	308596	Shahajiraje Mahavidyalaya Khatav Dist:- Satara	12 Years	S.C	Botany	Yes	9850899726	
Sanjay Prabhakar	190710	Tuljaram Chaturband College, Baramati Dist:- pune	06 yrs	Open	Chemistry (Organic)	No	9446736780	
N. Gokhale	63358	MBSK Kanya Maha. Kadepan	19 yrs.	SC	Chem. Energy	Yes	9561122231	

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(25.06.2012 To 14.07.2012)

Name of the Participant	DD No Rs.500/-	Name of the College	Teaching Experience	Category	Subject	Accommodation	Mobile No	Sign
Sanjay Mange	633559	Shardabai Pawar Mahila Mahavidyalaya Baramati.	18 yrs	Open	Micro- biology	-	9860554319	
Neelam K	846074	T.G. College. Boramati	12 yrs	Open	Statistics	-	9011081189	
Seale. M.R	888341	Shri Shahu Mandir Mahavidyalaya Pune	15 years	open	statistics	yes	9822593 870	
ANVARE SMMATH WLAG	633568	Raja Shripatsao Bhagwantrao. Maha. Vidyalaya, Aundh	15 years	S.C.	physics	-	9604806715	
ULKAR JIN IAN	633567	Raja Shripatsao Bhagwantrao Mahavidyalaya Aundh	16 years	OFI	Botany	-	9922577704	
SE KACHHER ACHANDRA	633569	METS & Comm. College Vardiy. Jal. Kholapur Dist. Solapur	14 years	Open	Geography	-	9881407728	

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Refresher Course in 'Research Methodology and Discoveries'

(25.06.2012 To 14.07.2012)

Name of the Participant	DD No Rs.500/-	Name of the College	Teaching Experience	Cate- gory	Subject	Accom- -odation	Mobile No	Sign
Kailappa Natar Mahajan	633573	D. B. F. Dnyanand College of Arts & Sci., Solapur.	20 yrs.	SC	Chemistry	Yes	9823007897	
Amkar Deepak Ahuja	633574	D. B. F. Dnyanand College of Arts & Science Solapur.	7 years	Open	Chemistry	Yes	9830848713	
DHOBAL SANAN RISHNA	888328	Arts, Science and Commerce, College, Dudhapur, Dist. Pune	18 th years	N.T. (C)	Geography	NO.	827569 1274	
EVADKAR DATA VARAN	912664	E. S. DIVEKAR College, Varan	18 years	open	Chem	No	966566 0516	
ANGORE NITAN KATHAKAR	218663	—	14 years	open	Chem	Yes	986040 1005	
Angale Sanjay Sambharad	616213	S. S. G. M. College Kapurthala Dist. Amnagar	12 Years	NT-D	Geography	Yes	942328 7473	