



Modern

08-09





चीनमधील शॅंगडॉंग प्रांतातील शिष्टमंडळाची, महाविद्यालयास भेट दि. २/४/०९



Marathi Department 4 days international Seminar publication of the book 'छत्रपती शिवाजी महाराजांवरील महाकाव्य रचना' written by Dr. Snehal Tawre at the hands of Namdar Harshavardhan Patil along with Dr. Gajanan Ekbote, Chairman P. E. Society, Mrs. Ekbote, Dr. Rajendra Shende, Principal. Dr. Zunjarrao, Prof. Jagdish Chinchore and Dr. Snehal Tawre.

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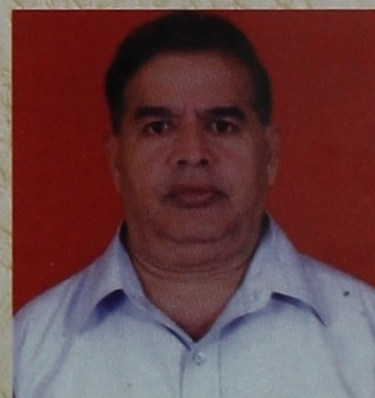
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॥ ज्ञानमयो भव ॥

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Modern College of Arts, Science and Commerce
Shivajinagar, Pune - 411 005.**

Modern 2008 - 2009 Annual Magazine

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I , Dr. R. S. Zunjarrao, hereby declare that the particulars given above are true to the best of my knowledge and belief.

Prin. Dr. R. S. Zunjarrao

The Chairman and the Editorial Board may not necessarily agree to the thoughts expressed in the articles and other matter published in this magazine.

From the Principal's Desk



The academic year 2008-09 was quite eventful. The curricular and co-curricular activities were carried out with great enthusiasm and zeal. The all-round progress was recorded by the students of the college. Some students of the college got top ranks in University examinations and some got individual and team Championships in the intercollegiate sports tournaments, some students have excelled in dance, music, drama and other competitions like science quiz, project competitions, etc. I

congratulate all these meritorious students for their best performance and highest achievements.

An International seminar organised by Marathi Department was a great success. Several other departments took initiative in organizing national, state level seminars, conferences, workshops, etc. They include Statistics, Commerce, Economics, Physics, Computer Science, Electronic Science, Botany, Biotechnology, Microbiology, etc. These events were of immense use for the students and teachers. Five members of the staff have got financial assistance from BCUD, Pune University, for their research projects.

Our members of the staff have maintained the tradition of winning awards for best performance at the university level. Mrs. Mangala Salunkhe, non teaching staff member, has got ' Best Non-Teaching Staff Member Award ' of University of Pune. She received the award at the hands of Hon'ble Vice Chancellor of Pune University on the Foundation Day of the Pune University.

The policy of introducing new courses for the benefit of the students continued in this academic year also. Two more post - graduate courses have been started viz. M.A. (Economics) and M. Sc. (Biotechnology). Now the college runs thirteen post graduate courses. This year the college also got the permission from Pune University for Post - Graduate Research Centre in Commerce.

The infra-structural facilities are being expanded and improved. Assembly hall, Language laboratory, Biotechnology P.G. laboratory are important additions in the facilities.

I sincerely thank all the students , student's representatives, members of the teaching and non - teaching staff, Vice - Principals and visitor Prof. A. G. Gosavi for the excellent co-operation.

Dr. R. S. Zunjarrao
Principal

Editorial

Dr. R. W. Kulkarni
Editor, Modern 2008-09

It gives me and the members of the editorial board a great pleasure to present the Annual Magazine - 'Modern 2008 - 09'.

This year we had asked our students to write on the following themes :-

- * Apice of art I liked most
- * Global Ression
- * Non-conventional energy
- * Terrorism
- * What do I expect from college education ?
- * Challenges of urbanisation

We received very few articles from the students on these themes. In addition to these articles the Prize Winning essays in the Science Association Essay competition have also been included in this magazine.

This Herculean task of preparation of College Magazine is an outcome of team work of the members of the Editorial Board. I must mention Prof. Deepali Thakur of English Deptt., Prof. Sunita Purohit of Hindi Deptt. and Prof. Swati Karve of Marathi Deptt. for the assistance rendered in the tedious work of proof correction.

Prin. Dr. R. S. Zunjarrao, Prof. A. G. Gosavi, - Visitor, Vice Principal - Dr. Y. R. Waghmare, Prof. Jagdish Chinchore and Prof. S. S. Deshmukh (Vice Principal) have also guided in the successful accomplishment of this activity. The Editorial Board wishes to acknowledge the valuable suggestions offered by these authorities. Raveendra Kale, Registrar has been instrumental in co-ordinating the press and the editorial board. We are thankful for the same.

I am also thankful to Mr. Prasad Patwardhan & Mrs. Manisha Patwardhan of Mudrika Commercial Printers for the excellent services provided by them for printing this magazine.

Last but not the least, Deepak Shah from the office has helped me a lot, which I shall always remember.

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सर्वधर्मसमभाव आणि मानवता

कु. अश्विनी जगन्नाथ चव्हाण, तृतीय वर्ष कलाशाखा

सर्वेऽपि सुखिनः सन्तु सर्वे सन्तु निरामयाः।

सर्वे भद्राणि पश्यन्तु मा कश्चित् दुःखमप्नुयात्॥

या वरील सुभाषिताप्रमाणे मानवकल्याणासाठी 'धर्म' या शब्दाची व्याप्तीही अथांग आहे. 'धर्म' या शब्दाची व्याप्तीही अथांग आहे. 'धर्म' हा तर नित्य व्यापक, संपूर्ण जीवनाची व्यवस्था लावून देणारा Internal Law of Life आहे. धर्माच्या अंतर्गत असलेल्या वैशिष्ट्यपूर्ण, वैविध्यपूर्ण उपासनादेखील आर्थिक आणि सार्थमय जीवनापेक्षा व्यापक राहू शकतात.

धर्म या शब्दाचाच अर्थ आपण वेगळ्या दृष्टीने लावला पाहिजे. जसे की, अग्नीचा गुणधर्म हा जाळणे किंवा जळवणे तर पाण्याचा मूळ गुणधर्म शीतलता, तृप्ती असा आहे. 'धर्म' म्हणजे एखाद्या वस्तूचा किंवा व्यक्तीचा मूळ स्वभाव (Nature)

स्वामी विवेकानंदांना 'सर्वधर्मसमभावाचा' वारसा श्रीरामकृष्ण परमहंसांकडून प्राप्त झाला. 'एकं सत् विप्राः बहुधा वदन्ति।' या वचनानुसार एकच सत्य विविध रूपाने अभिव्यक्त होत असते. ज्याप्रमाणे पाण्याला कोणी जल, तर कोणी नीर, तोय म्हणेल तर कोणी water म्हणेल. पण त्यामुळे काही बिघडणार नाही. शेवटी पाणी हे पाणीच असते. त्याप्रमाणे परमेश्वरही एकच आहे. कोणी त्याला राम म्हणेल, तर कोणी येशू तर कोणी महंमद किंवा अल्ला, कोणी बुद्ध म्हणेल. नाव बदलल्याने फारसे बिघडत नाही. यावरून म्हणावेसे वाटते की, आपण फक्त 'धर्म' हा शब्द वापरला पाहिजे. त्याला हिंदू, मुस्लिम, शीख, ख्रिश्चन असे धर्म वैशिष्ट्यपूर्ण शब्द जोडण्याची आवश्यकता नाही. कारण मानवजातीचे कल्याण करण्याची शक्ती हे शब्द आता गमावून बसले आहेत. या शब्दांची मोहिनीदेखील विलक्षण आहे की, या शब्दांच्या आधारे माणूस कोणतेही दुष्ट कर्म न करता करण्यास तयार होतो.

सगळे धर्म एकाच सत्याचे आविष्कार आहेत तर मग धर्माधर्मात संघर्ष का व्हावेत? याचे स्पष्टीकरण करताना

शिकागो धर्मपरिषदेत स्वामी विवेकानंदांनी एक गोष्ट सांगितली - एक समुद्र होता. त्या समुद्राकाठी एक विहीर होती. एकदा समुद्राला भरती आली आणि समुद्रातील बेडूक विहिरीत पडला. तेव्हा विहिरीतील बेडकाने विचारले, 'तू कोठून आलास?' तेव्हा समुद्रातील बेडूक म्हणाला, 'मी समुद्रातून आलो. "समुद्र? किती मोठा असतो समुद्र?" असे म्हणून विहिरीतल्या बेडकाने एका टोकापासून दुसऱ्या टोकापर्यंत विहिरीतल्या विहिरीत उडी मारली. समुद्रातील बेडूक हसला व म्हणाला, "समुद्र फार मोठा आहे, अथांग आहे. तुला त्याची कल्पना करता येणार नाही". तेव्हा विहिरीतल्या बेडकाला राग आला. त्याने समुद्रातील बेडकाला ठणकावले व सांगितले, 'लक्षात ठेव, या जगात विहिरीपेक्षा आणखी काही मोठे असूच शकत नाही. त्यामुळे धर्माधर्मात संघर्ष होत आहे.' त्याचप्रमाणे शिकागो सर्वधर्मपरिषदेस ४०० प्रतिनिधी हजर होते. पण सारे विहिरीचे प्रतिनिधी होते. पण स्वामी विवेकानंद हे एकमेव समुद्राचे प्रतिनिधी होते म्हणूनच ते सर्वश्रेष्ठ ठरले.

आज अशी परिस्थिती निर्माण झाली आहे की, अनेक धर्मांचे धर्ममार्तंड आपलाच धर्म श्रेष्ठ आहे, या भूमिकेतून रस्त्यावर येऊन एकमेकांच्या गचांड्या पकडत आहेत. त्यामुळे आपल्या समाजाची छिन्न-विछिन्न अवस्था, अलगपणा, अलिप्तता, आपापसातील हेवेदावे, स्वार्थीभाव, असंघटितपणा यांनी आपण विघटित झालो तर आपला भविष्यकाळ उज्ज्वल असणार नाही. आपल्याला निकृष्ट आणि पराभूत जीवनाला टाळावयाचे असेल तर एकोपा, परस्परांतील आत्मीयता, व्यवहारातील सुसूत्रता आणि जगण्यातील सुव्यवस्था आपण सांभाळली पाहिजे. सर्वधर्मभावाचा केवळ तात्त्विक विचार सांगून, करून चालणार नाही, तर त्यानुसार व्यवहार कृतीही व्हावी. 'विचोरशुद्धता, आचोर दृढता' असलीच पाहिजे. 'सर्वधर्मसमभाव' हे मूल्य तुमच्या आमच्या अंतःकरणात

कोरले गेले पाहिजे.

निरनिराळ्या उपासनापद्धतींचा सन्मान करून, सुरक्षित ठेवूनही राष्ट्राची परंपरा, इतिहास, जीवनप्रवाह जीवनाचे आदर्श, श्रद्धास्थाने यासंबंधीची आत्मीयता व आदर बाळगला पाहिजे. देव, धर्म, राष्ट्राचे संवर्धन, संरक्षण करण्यासाठी आणि सर्वांनी सुसंघटित, बलशाली होऊन आपले जीवन सर्वस्व समर्पित करून आपल्या राष्ट्राला परम वैभवशाली, गौरवसंपन्न करणे आवश्यक आहे. आपले राष्ट्रजीवन पुष्ट, बलिष्ठ, वैभवसंपन्न, सार्वभौम, निर्भय बनवणे हे संपूर्ण भारतातील जनतेचे सर्वश्रेष्ठ कर्तव्य आहे. याचे शिक्षण जातिपंथ निर्विशेष प्रत्येक व्यक्तीला देणे आवश्यक आहे. या राष्ट्राच्या उत्कट भक्तीची सर्व लोकांत जागृती करावी.

राष्ट्रीय एकता, सर्वधर्मसमभाव आणि मानवता प्रस्थापित करण्यासाठी सर्व संप्रदायांचे ऐकत्रीकरण करून त्यात ऐक्यनिष्ठ निर्माण करणे हे उचित ठरेल. पण आपल्यातील ऐक्यभावना सबळ, परिपुष्ट केली पाहिजे. एकरूप समाजात उच्च-नीचता, आपला-परका या भावनेला कधी स्थान असू शकेल का? ज्याप्रमाणे झाड, मूळ, खोड, फांद्या, फळ, फूल हे भिन्न-भिन्न अवयवांचे मिळून झाड बनलेले असते. जरी एकाच झाडाचे अवयव असले तरी ते समान आहेत असे म्हणता येणार नाही. त्यांचे कार्य हे रंग, रूप, आकारपरत्वे भिन्न, भिन्न आहे. पण हे वरवर भिन्नत्व दिसत असले तरी त्यांच्यात एकच चैतन्य प्रवाहित होत असते. ते एकरूप, परस्परपूरक आहेत. त्यामुळे हे सगळे मिळून एक सजीव, एकसंध वृक्ष बनतो. समाजातही भिन्न जाती, स्वभाव, वर्ण, रूप, कर्तृत्व, कर्म असणारी भिन्न माणसे असतात. आपण जरी समान म्हणत नसलो तरी हे वरवरचे भिन्नत्व मान्य करतो, ही गोष्ट सत्य आहे. ती त्यांच्या परस्परपूरक कर्मांमुळे एकात्म समाजाची अभिन्न अंगे आहेत. या सगळ्यांच्या सरमिसळीमुळेच एकात्म-सजीव (organic whole) असा समाज एकरूप, एकजीव बनून टाकते. म्हणून त्यांच्यातील भिन्नत्वाचा भाव पूर्णपणे दुर्लक्ष करून परस्पर पूरकत्वाचाच भाव सतत जागृत ठेवल्याने जाती-विरहित सर्वांना समान मानवी प्रतिष्ठा प्रदान करणारा आदर्श समाज निर्माण करता येईल. प्रसिद्ध शास्त्रज्ञ

डॉ. स्फीफन हॉकिंग म्हणतात, “आपण विश्वाच्या अथांग अज्ञाताचा शोध जेव्हा घेतो तेव्हा आपण अवघ्या समाजाचे तर समाज आपल्यात असतो.”

“समता, ममता अन् मानवता प्रेमदया आणि स्नेह आणखी मातृभूमीवर प्रेम करता. मानवधर्माची निघे पालखी ॥” हे ब्रीदवाक्य लक्षात ठेवूनही मानवतेची दिशा निश्चित व्हावी. याचाच अर्थ - या राष्ट्रावर, मातीवर जो प्रेम करतो, सर्वसंग परित्याग करून सर्वस्व अर्पण करतो तो मग भले हिंदू असो वा मुस्लिम किंवा ख्रिश्चन असो. प्राचीन ग्रंथांमध्येही ‘मानवता धर्म’ हा सर्वश्रेष्ठ धर्म आहे हे ऋषिमुनींनी सांगितले आहे. त्याचप्रमाणे कौटिलीय शास्त्रांत आर्य चाणक्यांनी सांगितले की, शेजाऱ्याला काही मदत केली पाहिजे, शेजारधर्मही पाळला पाहिजे. तेव्हाच आपल्याला ‘मानव’ म्हणता येईल.

सर्व भारतीय समाजात सलोखा, सर्वधर्मसमभाव आणि ज्ञानमयता निर्माण करून त्या सर्व घटकांना राष्ट्रीय मुख्य प्रवाहात आणण्याच्या दृष्टीने प्रयत्न होणे अगत्याचे आहे. हे कार्य तसे सोपे नसले तरी अवघडही नाही. आपण ‘सर्वधर्मसमभाव’ आणि ‘मानवतेचे’ अग्रिकंकण हाती बांधून प्रयत्न केले तर सर्व मानवजातीचे कल्याणच होईल. हे सहज शक्य व सुलभ आहे. दगडालाही पाझर फुटतो मग हे का न जमावे? राष्ट्रीय भावना आणि मानवता प्रबळ करून सर्व समाजाला ज्ञानेश्वर माऊलींना अभिप्रेत असणाऱ्या विश्वव्यापकत्वाकडे आकर्षित करणे आज गरजेचे आहे. कारण आपणास ‘वसुधैव कुटुम्बकम्’ हे काही नवीन नाही. म्हणूनच असे म्हणावे लागेल की, ‘सर्वधर्मसमभाव’ हा समाजबांधणीचा मूलमंत्र आहे. नवसमाज निर्माणाचा उषःकाल आहे. ज्ञानदेव, गोरकुंभार, नामदेव, चोखोबा, सावतामाळी, जनाबाई, कबीर आदी अठरापगड जातीच्या संतांनी अनुभवलेल्या गोपाळकाल्याचा आनंद उत्सव होऊ शकेल. निश्चितच उद्याची पहाट ही एक आदर्श समाजाची असू शकेल. त्यामुळेच बलशाली, राष्ट्र नवनिर्माणाच्या प्रक्रियेत ‘सर्वधर्मसमभाव’ आणि ‘मानवता’ याला पर्याय नाही.

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विद्यार्थी कथा आणि व्यथा

कु. मधुरा चंद्रकांत कुंबरे, प्रथम वर्ष वाणिज्य 'अ'

महाभारतात विदुर धृतराष्ट्राला सांगतात :-

सुखार्थिनः कुतो विद्या, नास्ति विद्यार्थिनः सुखम्।

सुखार्थि वा त्यजेत विद्यां, विद्यार्थि वा त्यजेत सुखम्॥

“सुख हवे असणान्याला विद्या कोठून मिळणार? विद्यार्थ्याला सुख मिळणार नाही. सुख हवं असणान्यानं विद्येचा नाद सोडावा व विद्यार्थ्याने सुखाचा त्याग करावा.” हे विदुरांचे वचन अगदी बरोबर आहे. कष्टाशिवाय ज्ञान, विद्या मिळत नाही. परंतु आजच्या युगात हे वचन बरोबर आहे का?

पूर्वीच्या काळाचे विद्यार्थी आणि आजच्या काळाचे विद्यार्थी यांमध्ये खूप मोठी दरी निर्माण झाली आहे. पूर्वीच्या काळाचा विद्यार्थी खरंच सुखी म्हणावा लागेल. कारण एकच अभ्यासक्रम, शिकवण्या नाहीत त्यामुळे सर्व विद्यार्थ्यांकडे शिक्षकांचे वैयक्तिक लक्ष असे. पूर्वीच्या विद्यार्थ्यांचं बरं होत घरी अभ्यास, शाळेत अभ्यास. पूर्वीचा विद्यार्थी खरंच सुखी होता. पूर्वीचे विद्यार्थी उच्च शिक्षण घेत होते त्याचबरोबर त्यांना चांगल्या नोकऱ्यादेखील मिळत होत्या. क्रीडा, विज्ञान, पर्यावरण, उद्योग, समाज इत्यादी सर्व क्षेत्रांतील घटकांचा अभ्यासक्रमात समावेश होता. त्याकाळी विद्या विद्यार्थ्यांमध्ये मोठ्याप्रमाणावर स्पर्धा असायच्या. विद्यार्थ्यांना नोकऱ्या देखील त्यांच्या प्रगतीच्या कर्तृत्वामुळे मिळत असे. सगळीकडे शांत वातावरण, निसर्गाच्या सान्निध्यात व लोकसंख्या कमी असल्यामुळे वाहनांची वर्दळ देखील कमी होती.

२१व्या शतकात प्रवेश करणाऱ्या विद्यार्थ्याला या सर्वांची ओळख नाहीच. शाळेत, महाविद्यालयात जाताना खुणावणारी चित्रपटगृहे, रस्त्यावरील वाहनांचा आवाज, लाउडस्पीकरवर चाल असलेल्या 'हिट' गाण्याचा आवाज इत्यादींचा अडथळा अभ्यासात निर्माण होतो. पुस्तके जितकी-तितकी गाईडस् व त्याच्या किमान तिप्पट तरी वह्या, हे सर्व सांभाळतानाच जीव मेटाकुटीला येतो. अशा

अवस्थेत शिकून घरी आलं, की रंगीत टि.व्ही. स्वागताला हजर असतोच. तो (टि. व्ही.) घरातील सर्वांचा आवडता. मग विद्यार्थ्यांना का आवडणार नाही? टि. व्ही. वरील कार्यक्रम बघता बघता विद्यार्थी व त्यांचे पालक एक न वी स्वप्न नगरी निर्माण करतात व स्वतःचा गैरसमज करून घेतात. उदा. 'चार दिवस सासूचे' या कार्यक्रमात स्त्रियांची मोठ्या प्रमाणावर अवहेलना केली जाते. सासू म्हणजे सारख्या सूचना सांगणारी आणि सून म्हणजे सूचना न ऐकणारी असा घेतला जातो. मुली व स्त्रियांमध्ये सतत सासूचे विषय असतात. सासूबद्दल मुलींच्या मनात मोठे गैरसमज निर्माण होतात.

मार्केटिंग सारखे विषय सोपे का वाटतात? मार्केटिंगमधील जाहिरात हा धडा सोपा का वाटतो? त्याचे मुख्य कारण टी.व्ही. आहे. पण, मार्केटिंगचे सर सतत आम्हाला सांगत असतात सतत टी. व्ही. पाहत जाऊ नका त्या ऐवजी पुस्तके वाचा. जास्त गुण मिळवायचे असतील तर शिकवण्या पाहिजे. १लीतील विद्यार्थ्याला शिकवणीची गरज पडते का? १० वी आणि १२वीच्या विद्यार्थ्यांची पाठ तर सुट्टीतही ही ट्यूशन सोडत नाही. एवढे करून सुद्धा चांगले। उत्तम, खूप गुण प्राप्त होतील याची खात्री नाही. ९०% शाळेत मिळवणारा विद्यार्थी बोर्दाला एखाद्या विषयात नापास होतो. अपेक्षित गुण न मिळाल्यामुळे विज्ञान शाखा मिळत नाही व उरलेले सर्व जीवन नावडत्या अभ्यासक्रमाने पुढे ढकलावे लागते. आता जे विद्यार्थी प्रथम वर्षाला आहेत त्यांचे दुर्भाग्य म्हणावे कारण आम्ही जेव्हा ११वी ला कॉलेजमध्ये आलो तेव्हा अभ्यासक्रम बदलला व असे गेले ३ वर्षेचालले आहे. त्यामुळे ग्रंथालयात नवीन अभ्यासक्रमावर आधारित पुस्तके उपलब्ध झालेली नाही असो.

आपण विद्यार्थ्यांबद्दल बोलत होतो. एखादा

अभ्यासक्रम पूर्ण केला तर निश्चित नोकरी मिळेल याची खात्री नाही तेथेही वशिला हवा. इंजिनिअर असून बेकार असलेले कितीतरी लोक आहेत. विद्यार्थ्यांचे लक्ष अभ्यासाव्यतिरिक्त इतर अनेक गोष्टीत असते. तुम्ही वर्गात बसून काही उपयोग नाही. बाई काय शिकवताहेत याकडे तुमचे लक्ष हवे. १ली, २ री तील मुलेही 'अ, आ, इ' पेक्षा 'लव्ह', 'प्यार' या गोष्टी चटकन समजू शकतात. शास्त्राचा दुसरा धडा कोणथा? विचारले तर सांगता येत नाही. पण गजनी चित्रपटातील नायक कोण? असा प्रश्न विचारला असता पुढचा मागचा विचार न करता आत्मविश्वासाने सांगतात. 'अमिर खान' मुलींची टिंगल करण्यात मजा वाटू लागते. व्यसनांचा अनुभव घेण्याचा मोह होतो. व जीवनाचा समतोल बिघडतो. याचा परिणाम म्हणजे कॉलेजच्या आत विद्यार्थ्यांची संख्या कमी व प्रवेशद्वाराबाहेर जास्त संख्या.

"No man can be truly educated unless he is a reader of books" ही संकल्पनाच नाहीशी होते. वर्गात व ग्रंथालयात विद्यार्थ्यांची संख्या कमी होऊ लागते व चित्रपटगृहांसमोर तिकीट काढण्यासाठी रांगच रांग लागते.

यासाठी शिक्षणाचा संबंध व्यवसायाशी जोडला गेला पाहिजे. उदा. वाणिज्य शाखा. या स्पर्धेच्या युगात विद्यार्थ्यांना नीट मार्गदर्शन केलं पाहिजे. परिक्षेचा 'बागूलबुवा' दूर केला गेला पाहिजे असे मला वाटते. मला महाविद्यालयातील मासिकात माझे विचार मांडण्याची संधी दिली याबद्दल मी कॉलेजची ऋणी आहे. हे अनुभव मला स्वतःला आले आहेत. मार्केटिंगच्या तासाला जरी उशीर

झाला तरी मी बसते वहीतून नोट्स उतरून घेणे केव्हाही शक्य आहे पण सर जेव्हा त्यावर आधारित वेगवेगळी उदाहरणे देतात व तो मुद्दा नीट समजावून सांगतात तेव्हा समजल्यानंतर मिळणारा आनंद हा एखादा चित्रपट पाहिल्यानंतर मिळणाऱ्या आनंदापेक्षा मोठा असतो. जरा अभ्यास करत बसले की झाली ह्यांची सुरवात चल अण्णाच्या टपरीवर जाऊ, नाहीतर पाताळेश्वरला जाऊन येऊ. बालगंधर्वमध्ये प्रदर्शन बघू नाहीतर, मंगला, इ-स्केअरला जाऊ. मध्ये सकाळ मध्ये एका महाशयांचा लेख वाचला आम्ही बी-घडलो आणि तुम्ही बिघडलात.

(रविवार माझ्या आवडीचा!) - आजचा विद्यार्थी

सोमवारचा असतो SP चा तास

SP च्या तासाला मी नापास

मंगळवारी येतात इंग्रजीचे सर तासावरी.

तोपर्यंत आम्ही पळून गेलेलो असतो घरी

बुधवारी असते आय. टी. चे प्रॅक्टीकल

प्रॅक्टीकल करता करता सुचते टिंगल

गुरुवारी असतात ओ. सी. तास चार

ओ. सी. च्या तासाला झोप येते फार

शुक्रवारी असतो अर्थ आणि शास्त्राचा मेळ

डोक्यात होते माझ्या प्रश्नांची भेळ.

शनिवारी येतो अकान्त

मी करत बसते सेकंद काउंट

चला आता रविवारी.

बघायला चित्रपट फिर हेरा फेरी!

...

खरी विद्या तीच की;
जिच्यामुळे आपण आपल्या आत्म्याला ,
स्वतःला ईश्वराला आणि सत्याला ओळखू शकतो.

जीवन

कु. सुप्रिया भा. जमदग्दी, S.Y.B.A.- A

प्रत्येक माणसाला वाटते जीवन म्हणजे काय? जीवन म्हणजे सुखाचा सागर की दुःखाचा डोंगर. खरे तर जीवन म्हणजे सुख व दुःख या दोन्हीचा संगम होय. जीवनात प्रत्येक क्षण महत्त्वाचा असतो तो आपण कोणत्या पद्धतीने घालवतो यालाही महत्त्व असते. माणसाच्या जीवनात अनेक घटना घडत असतात त्याची आठवण माणूस मनात जपून ठेवतो. जीवन हे माणसाला एकदाच मिळते. माणसाने जीवनाचे सार्थक केले पाहिजे. जीवन जगणे ही एक कला असून ती आत्मसात केल्याशिवाय जीवन सुखी व समृद्ध होत नाही. जीवन हा एक प्रकारचा प्रवास आहे. त्या प्रवासात माणूस निरनिराळ्या मार्गाने जात असतो. प्रत्येकाची जीवन जगण्याची पद्धत वेगवेगळी असते. जीवन ही माणसाला मिळालेली देणगी होय. माणसाच्या जीवनात सुख कमी व दुःख जास्त असते. दुःखाशिवाय सुखाची चव कळत नाही. जीवनात सुखदुःखाचे चक्र चालू असते. सुख मिळाल्यानंतर आनंदाने नाचू नये आणि दुःख आल्यावर खचून जाऊ. यालाच 'जीवन' म्हणतात. जीवन म्हणजे न संपणारे युद्ध आहे. वस्तुस्थितीचा स्वीकार करून तिला सुरेख आकार देण्याच्या प्रयत्न करणे ही यशस्वी जीवनाची गुरुकिल्ली आहे. जीवनात माणसाच्या खूप अपेक्षा असतात. अपेक्षा पूर्ण झाल्या नाही तर निराशा येते. फळाची अपेक्षा न

ठेवता काम केले तर दुप्पट फळ मिळते. माणसाने अहंकारी असू नये. स्वतःबद्दल विश्वास असावा. विश्वास असेल तर जीवनात कोणतीही गोष्ट अशक्य नसते. विश्वास आणि अहंकार या दोन्ही गोष्टी भिन्न भिन्न आहेत. विश्वास म्हणजे 'मी हे काम करू शकतो' तर अहंकार म्हणजे 'फक्त मीच हे काम करू शकतो इतर कोणीही नाही' जीवनात यशस्वी होण्यासाठी अहंकारापासून दूर राहावे. जीवन जगत असताना परमेश्वराला विसरून जाऊ नये. परमेश्वरामुळे आपल्याला जीवन प्राप्त झाले आहे. जीवनाचे गणित सोडविताना परमेश्वराला जर आपण विसरलो तर संपूर्ण जीवनाचे गणित चुकते. जीवनात कितीही संकटे आली तरी मी ती सोडविण्याचा प्रयत्न करीन असे मनाशी ठरविले पाहिजे. संपूर्ण आयुष्य जगून झाल्यावर जीवनाचा अर्थ कळतो. मिळालेल्या जीवनाची फुलांची बाग बनवायची की वाळवंट हे आपल्या हातात असते. जीवन हे फुलाप्रमाणे असते ते प्रत्येकाला हवेहवेसे वाटते. जीवन हे हळूहळू घडत असते. जीवनाच्या बागेला अहंकाराचे पाणी घालू नये तर प्रामाणिकपणा व मेहनत याचे पाणी घालावे म्हणजे फूल हे अजून जास्त उमलेलं जर अहंकाराचे पाणी घातले तर ते फूल उमल्या आधीच मिटेल.

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डोक्यावर जणू दुःखाचा मुकुट चढवून सुख मनुष्यापुढे उभे रहाते,
जो सुखाचे स्वागत करतो त्याने दुःखाचे ही स्वागत केले पाहिजे.
दुःखी माणसाला मदत करण्यासाठी लांबवलेला हात प्रार्थनेसाठी जोडलेल्या दोन
हातांपेक्षा अधिक उपयुक्त आहे.

॥अप्रतिष्ठित ऑस्कर॥

कु. प्रणित रमेश बहिरट, वर्षे:- तृतीय वर्षे(कला शाखा)

भारतातर्फे अमिर खानचा “तारे जमीन पर” ऑस्करसाठी पाठवण्यात आला. “सेव्हिंग प्रायव्हेट रियान” व “नो मॅन्स लॅंड” अशा चित्रपटासमोर त्यांचं काही चाललं नाही. ऑस्कर हे नावंच मुळी सगळ्या जगात मानाचं, प्रतिष्ठेचं चिन्ह बनलं आहे. हाच ऑस्कर कैदी होता, त्याच्यावर समलिंगी असण्याचा आरोप होता. असं कोणी सांगितलं तर खरं वाटणार नाही. आज भलेही त्याच्या नावाला प्रसिद्धी मिळाली असेल तर जिवंतपणी त्यांच्याजवळ उभं राहिलाही मित्र तयार नव्हते. त्याकाळी ऑस्कर नांव हे बदनाम नांव होतं.

ऑस्करची कहाणी फार अजब आहे. त्याने काही चुकीच्या लोकांना जवळ केलं व त्यांची फळं त्याने मरेपर्यंत भोगली. ऑस्कर ३६ वर्षांचा होता तेव्हा त्यांची एक आकर्षक व्यक्तिमत्त्वाच्या तरुणाशी ओळख झाली. त्यांचं नांव डग्लस. निळेभोर डोळे लाभलेल्या डग्लस समलिंगी होता. एका कार्यक्रमात तो ऑस्करला भेटला व लोकप्रिय असलेल्या डग्लसशिवाय करमेना. डग्लसशी गप्पा मारल्या की त्याला लिहायला सुचायचं असं ऑस्कर म्हणायचा. डग्लसचा डोळा ऑस्करच्या पैशावर होता. ऑस्कर हा डग्लसला महागडी घड्याळे, अत्तरे, सिगारेट आणायचा.

फक्त २ वर्षात ५ हजार पौंड खर्च झाले यांवरून ऑस्करला डग्लस किती लुटत असेल कल्पना येते. ऑस्कर मनाने हळवा होता. ऑस्करने डग्लसला प्रेमपत्रे लिहायलं सुरुवात केली. पण ही पत्रे डग्लस हातात पडतात की नाही यांची खात्री त्याने केली नाही. परंतु, ती पत्रे डग्लसच्या वडिलांचा हातात पडतं. ते एक गावगुंड होते. डग्लस हा घटस्फोटित होता. त्यांना ही पत्रे मिळाल्याने वडील भलतेच भडकले. डग्लसच्या वडिलांनी ऑस्करला धमकावले.

ऑस्कर म्हणाला, “मी एक प्रसिद्ध नाट्यलेखक आहे. माझ्यावर टाकलं तर लोक तुम्हाला सोडणार नाहीत” ऑस्करचे बोलणे खरे होते. त्याची नाटके संपूर्ण युरोपात प्रसिद्ध होती व तुफान चालत सुद्धा. जॉर्ज बर्नार्ड शॉ सारख्या विचारवंताने त्यांना सर्वश्रेष्ठ लेखक म्हटलं होतं. ऑस्करने झालेल्या किस्सा डग्लसला सांगितला. डग्लसने सखळ्या वडिलांवर केस केली. पण ऑस्कर म्हणत असे भांडू नका. डग्लस ऐकायला तयार नव्हता. ऑस्करांचा पैसा वापरून केस लढत होता. ऑस्कर गाफिल राहिला. जेव्हा प्रकरण वाढलं तेव्हा दचकून जागा झाला. डग्लसच्या वडिलांनी ऑस्कर समलिंगी असून माझ्या मुलाला वाईट नाद लावतो त्यासाठी पुरावे म्हणून ऑस्करची पत्रे दाखविली. न्यायलयाने ऑस्करला गुन्हेगार ठरवले. ऑस्करची बदनामी झाली. नाटके बंद पडू लागली. तो जेथे जाई तेथे लोक त्यांच्या अंगावर थुंकत. पदोपदी अपमान होत होता. न्यायलयाने त्याला तुरुंगात टाकले. पोलीस बेदम मारत. तो जमिनीवर लोळत फेकलेले करपट पाव खायचा. इतर कैदी त्यांची थट्टा करायचे लेखक महाशय असा आदराने उल्लेख करून मग एक शिवी हासडायचे.

जो कायम प्रसिद्ध झोतात असायचा , तो अंधार कोठडीत चाचपडत होता. वर्षभरात तो हाडकुला बनला. गालफड बसले. केस पिंजून निघाला. कोणी लाथ्याबुक्या मारायचं तर कोणी कपडे फाडायचे असे अपमानित हाल सोसून ऑस्कर एकदाचा सुटला. त्यांची शिक्षा कमी करण्यात आली. लोक हिडीसफिडीस करत. ऑस्कर पत्नीचा शोध घेत निघाला. तो रस्त्यावर उभं राहून भीक मागत होता. एक प्रसिद्ध लेखक भीम मागतोय हे पाहण्यास गर्दी होई. परंतु भीक कोणी देत नसे. शेवटी तो विचार करे.

“मरणं आल तर किती बरं” असं म्हणत कुंठत राहिला.
त्याला डग्लसचा पत्ता सापडला.

डग्लस श्रीमंत झाला. तिने ऑस्करला नोकराकडून हाकलून दिले. अखेरीस ऑस्कर हा ३० नोव्हेंबर १९०० रोजी भिकारी जिथे झोपतात तिथे मेलेल्या अवस्थेत सापडला. जीर्ण कपडे, फाटके बुट, खपाटीला गेलेलं पोट असा ऑस्कर थंडीने मरण पावला असा निष्कर्ष काढून प्रेताची विल्हेवाट लावली. पण नियतीचा खेळ किती अजब असतो. ऑस्कर मेल्यानंतर त्यांच्या नाटकांना लोकप्रियता मिळाली. त्यांच्या दोन मुलांना जुन्या पत्राच्या बदल्यात भरपूर मानधन मिळाले. हां म्हणता ऑस्कर हे वाईल्ड जगातील प्रतिष्ठित नांव बनलं. आता ऑस्कर पुरस्कार दरवर्षी देतात. ऑस्कर कोण होता, त्यांचं काय हे जगाला माहिती नाही. पण त्यांचं नाव सर्वांना माहिती आहे.

आपल्या या जगाची एक खंत किंवा शोकांतिका आहे ती म्हणजे, “माणूस जिवंत असेपर्यंत त्यांची किंमत किंवा महत्त्व समजत नाही तो मेल्यावर त्यांची महानता आपल्याला समजते.” ही चूक सुधारायला हवी असं नाही का तुम्हांला सर्वांना वाटत? तुमचे उत्तर ‘हो’ असणार यांची मला खात्री आहे.

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केवळ पुस्तके वाचून ढीगभर
ज्ञान साठविणे म्हणजे विद्या
नव्हे, ते ज्ञान जीवनात
उतरविणे म्हणजे खरी विद्या.

प्रभु से प्रार्थना

कु. वंदना भिडे, तृतीय वर्ष, कला

प्रभु ऐसे दोस्त कहाँ मिलेंगे?

जो सुख के साथ अपनाए दुख,

जो निराशा मिटाकर दिखाए आशा,

जो पैर फिसलने पर दे सहाय,

प्रभु ऐसे दोस्त कहाँ मिलेंगे?

जो मुसिबत में रहे खड़ा चढानसा,

जो यहर मोड़ पर रहें साथ,

जो दोस्त की जान बचाने को रहे तैयार,

प्रभु ऐसे दोस्त कहाँ मिलेंगे?

जो दोस्त की सुधारे गलतियाँ,

जो हम रोए तो हँसाए, वो,

जो लक्ष्य तक पहुँचने का बताए मार्ग,

प्रभु ऐसे दोस्त कहाँ मिलेंगे?

जो काँटों की सेज बिछाए फुल,

जो हम में भर दे उत्साह और प्रेरणा,

जो जीवन के अंत तक रहे साथ,

प्रभु ऐसे दोस्त कहाँ मिलेंगे?

प्रभु यही प्रार्थना.....

ऐसे दोस्त मुझे जल्दी मिला दो।

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ऊर्जा : एक गहन समस्या

श्री. मकरंद आण्णासाहेब हजारे, द्वितीय वर्ष कला

ऊर्जा हे विकासातील चैतन्यतत्त्व आहे. शेती, संगणक, संदेशवहन, उद्योग, व्यापार या सर्वच क्षेत्रात वीज हा प्राण आहे. या मूलभूत गोष्टीची उत्तम संरचना करून चीनने जागतिकीकरणात जबरदस्त मुसंडी मारली. स्वस्त आणि विनाखंड वीज चीनमध्ये उपलब्ध झाल्यावर कारखानदारी वाढली. पण जागतिकीकरणाची अठरा वर्ष लोटल्यानंतरही भारताचा उर्जा क्षेत्रातील अंधार आजही हटत नाही. अथपासून इतिपर्यंत वादग्रस्त ठरलेला एनॉनचा प्रकल्प हा त्याचीच साक्ष देतोय.

सुमारे १,४४,५६४ मे. वॅट इतकी भारताची एकूण वीजनिर्मिती क्षमता आहे. पण प्रत्यक्षात प्रतिदिन ६०,००० मे. वॅट इतकीच वीजनिर्मिती होते. आज विजेचा तुटवडा सुमारे ३०,००० मे. वॅट इतका आहे. वीज पुरवठ्यातील गंभीर उणिवांमुळे उद्योगधंद्यांना दरवर्षी सुमारे २०,००० कोटी रू. तोटा सहन करावा लागतो. वीज गळतीच राष्ट्रीय प्रमाण ३० ते ३५% इतकं गंभीर आहे. सदोष व्यवस्थापन, देखभाल करण्यातील उणिवा आणि अमाप भ्रष्टाचार यामुळे वीजेच्या गळतीचं संकट आटोक्याबाहेर जात आहे.

शेतकऱ्यांची आत्महत्या रोखण्यासाठी सरकारने कर्जमाफी योजना लागू केली. पण बळीराजा खऱ्या अर्थाने सुखी आणि समृद्ध बनवायचे असेल, तर त्याला वीज आणि पाणी या दोन मूलभूत गोष्टी उपलब्ध करून दिल्या पाहिजेत. कारण आज ग्रामीण भागात १०/१२ तास भारनियमन केलं जातं. अर्थात काही शेतकरी वीजेच्या तारांवर आकडा टाकून वीज चोरी करतात. यामुळे भारनियमात वाढ होते. पण तरीही बळीराजाला रात्रभर जागून शेतीला पाणी द्यावं लागतं आणि एवढं करूनही पीक पदरात पडेल काय? याची शाश्वती नसते. ज्यावेळी शेतात वीज असते तेव्हा पणी नसते आणि कधी पाणी तेव्हा वीज नसते अशी अवस्था शेतकऱ्यांची, शेतमजुरांची होऊन बसते. हीच परिस्थिती जर कायम राहिली तर कृषीवर आधारित भारतीय

अर्थव्यवस्था कोलमडून जायला वेळ लागणार नाही.

ही उर्जेची समस्या सोडविण्यासाठी उर्जेची निर्मिती करणे आवश्यक आहे. उर्जेची निर्मिती आपण दोन प्रकारे करू शकतो. १) एक पारंपारिक उर्जासाधने वापरून २) अपारंपारिक उर्जासाधने वापरून. पारंपारिक उर्जासाधने जसे कोळसा, पेट्रोलियम पदार्थ यांचे साठे मर्यादित आहेत. तसेच त्यांच्या वापरामुळे मोठ्या प्रमाणावर प्रदूषण होते. वाढत्या प्रदूषणांमुळे ग्लोबल वार्मिंगसारखा प्रश्न निर्माण झाला आहे. म्हणूनच आज आपण अपारंपारिक उर्जासाधनांचा वापर करण्यावर भर देणार आहोत.

पवनऊर्जा, सौरऊर्जा, जलविद्युत प्रकल्प, सागरी लाटांपासून निर्माण होणारी उर्जा आणि सध्या गाजलेली अणुऊर्जा हे उर्जेचे अपारंपारिक ऊर्जास्त्रोत आहेत. भारत-अमेरिका १२३ अणुकरारांमुळे भारतातील अणुऊर्जा निर्मितीला चालना मिळेल. अणुऊर्जा करारांमुळे आज आपण ४१२० मे. वॅट उर्जेची निर्मिती करू शकतो. पण २०३० मध्ये भारताला ४,००,००० मे. वॅट विजेची गरज भासणार आहे. त्यावेळी आपण अणुऊर्जेद्वारे ४०,००० मे. वॅट एवढी उर्जा निर्मिती करू शकतो. पण यासाठी सक्षम अशा राजकीय नेतृत्वाची गरज भासणार आहे.

पुढील अडीच वर्षांत सुमारे १,७२,००० मे. वॅट इतकी वीजनिर्मिती अपारंपारिक उर्जास्त्रोताद्वारे मिळवण्याची नैसर्गिक क्षमता भारताकडे आहे. यामध्ये सर्वाधिक ५२,००० मे. वॅट बायोपॉवरची ४५,००० मे वॅट वीजनिर्मितीची क्षमता पवनऊर्जेची आहे. लहान जलविद्युत प्रकल्पापासून २५ हजार मे. वॅट वीजनिर्मिती होऊ शकते. सौरऊर्जेपासून भारतात १५ हजार मे. वॅट वीजनिर्मिती उपलब्ध साधसामग्रीच्या सहाय्याने करता येते..

पण प्रत्यक्षात या नैसर्गिक क्षमतांचा परिपूर्ण वापर केला जात नाही. म्हणूनच भारताच्या एकूण स्थापित

विद्युतनिर्मितीपैकी केवळ ५.७% वीजनिर्मिती अपारंपारिक उर्जासाधनांच्या साहाय्याने होते. अपारंपारिक उर्जासाधनांच्या साहाय्याने ७,१६९ मे. वॅट एवढी वीजनिर्मिती होते. त्यापैकी सर्वाधिक ४,४३६ मे. वॅट वीजनिर्मिती पवनउर्जेपासून केली जाते. लहान बंधाऱ्यापासून १,७०० मे. वॅट वीजेची निर्मिती केली जाते. म्हणजे या क्षेत्रात उर्जानिर्मितीला प्रचंड वाव आहे. या देशाला ऊर्जासंपन्न बनवण्यासाठी बराच काळ आणि पैसा खर्च करावा लागणार आहे.

पण आजघडीला वीजेचा प्रश्न गंभीर झाला आहे. त्याची तीव्रता कमी करण्यासाठी आपण या देशाचे नागरिक म्हणून काही प्रयत्न करायला हवेत. आपण स्वतः मनुष्यप्राणी हा ऊर्जेचा फार मोठा स्रोत आहे. सायकलवर बसून पाणी १०० फूट उंचीपर्यंत वर उचलणे, फवारा सिंचन करणे, लहान पीठाची गिरणी चालविणे, मसाला पीठाची गिरणी चालवणे यासारखी कामे आपण सहजरीतीने करू शकतो.

झोकाळ्यावर बसून आपण आरामात झोका घेतो. या झोक्याच्या साहाय्याने आपण वीजेची बचत करू शकतो. पाणी उचलणे, हातसडीचा तांदूळ तयार करणे, बोअरिंगचा हॅडपंप चालवणे यासारखी कामे आपण झोका सिंचन पंपाच्या साहाय्याने करू शकतो. तसेच भारतात पशुधन मोठ्या प्रमाणात आहे. भारतात आजमितीला ८ कोटी एवढी बैलसंख्या आहे. या बैलशक्तीच्या साहाय्याने ३२

हजार मे. वॅट वीजेची निर्मिती करता येईल. साधारण अकरा बैलांची किंमत किंवा शक्ती म्हणजे एक ट्रॅक्टर असं गृहीत धरलं तर या देशात सुमारे ८० लाख ट्रॅक्टर एवढी बैलशक्ती उपलब्ध आहे. या बैलशक्तीची जर पुरेपूर वापर केला तर ट्रॅक्टरला लागणारे इंधन आणि वीज यांची तर बचत होईलच त्याचबरोबर पैसाही वाचेल.

मनुष्यशक्तीवर चालणारी, बैलशक्तीवर चालणारी, सायकलीवर चालणारी आणि झोक्यावर चालणारी अशी काही अपारंपारिक उर्जासाधने संशोधित आणि विकसित केलेली आहेत. यांपैकी काही उर्जा साधनांना सरकारतर्फे अनुदान मिळते. ही ऊर्जा साधने आपण स्वतः तयार करू शकतो. अशा रितीने इंधन आणि वीज यांची बचत करून देशसेवा करू शकतो. कारण वीजेची बचत हीच वीजेची निर्मिती आहे.

आज अमेरिका महासत्ता आहे. तर भारत हा एक विकसनशील देश आहे. म्हणूनच आपले ४८ रु. देऊन आपण अमेरिकेचा १ डॉलर घेतो. पण एक दिवस असा येईल की भारत हा महासत्ता असेल. हीच अमेरिका आपल्याकडे येऊन म्हणेल, हे आमचे ४८ डॉलर घ्या. पण या महान भारताचा या परिपूर्ण भारताचा १ रुपया आम्हांला द्या. असा उर्जासंपन्न आणि सामर्थ्यशाली भारत आपल्याला घडवायचा आहे.

जयहिंद!

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शिक्षण प्रणाली आणि शिक्षक कसा असावा या विषयीचे मत - शिक्षक हा एक सर्जनशील विचारवंत असावा. तो बहुश्रुत असावा, आणि आपल्या ज्ञानशाखेतील एखाद्या विषयाचा तो मास्टर असावा. शिक्षण हे प्रगतीचे साधन आहे. शिक्षण माणसाला विचार देते. त्यांच्या बुद्धीची जोपासना करते, त्यांच्या अस्तित्वाची त्याला जाणीव करून देते. अस्तित्वाची जाणीव ही मानवी जीवनातील मूलभूत जाणीव आहे.

दहशतवाद - एक आव्हान

श्री.गोडबोले दत्तात्रय पंडित मकरंद अण्णासाहेब हजारे, द्वितीय वर्ष कला

मुंबईला २६/११ ला जो दहशतवादी हल्ला झाला त्यातून दहशतवादाचं एक नवंच आणि भयानक रूप आपल्यासमोर आले. एकीकडे आपण भारताला महासत्ता बनविण्याची स्वप्न पाहत आहोत अही स्वप्न खरी करण्याची जबाबदारी तुमच्या-माझ्या, आजच्या तरुणांवरच आहे. जर दहशतवादाशी लढा द्यायचा असेल तर हा दहशतवाद नेमका 'काय' आहे ते समजून घेणं महत्वाचं आहे.

दहशतवाद हा काही नवा नाही. पण रूढार्थाने त्याचा पहिला उल्लेख फ्रेंच राज्यक्रांतीच्या Region of terror (दहशतीचा कालखंड) ज्यामध्ये रॉबेस्पीअर आणि त्याच्या सहकाऱ्यांनी फ्रान्समध्ये कत्तल घडवून आणली होती. वेगवेगळ्या संघटनांनी वेगवेगळ्या कारणांसाठी दहशतवादाचा वापर केलेला आहे. म्हणून दहशतवादाची 'सर्वमान्य' अशी व्याख्या नाही. साध्या भाषेत सांगायचं तर 'एकाला मारा आणि दहा जणांना घाबरवा व शंभर जणांवर राज्य करा' असे त्याचे गणित आहे.

इथे दोन मुद्दे महत्वाचे आहेत.

१) दहशतवादाला धर्म नाही.

२) दहशतवादाने संपूर्ण जगाला ग्रासले आहे.

१९७२ साली इस्त्रायली दोलांडुवर जर्मनीत ऑलिंपिक स्पर्धांच्या दरम्यान झालेला हल्ला हा पहिला मोठा दहशतवादी हल्ला मानला जातो. जगात वेगवेगळ्या देशांमध्ये वेगवेगळ्या उद्दिष्टांसाठी अनेक दहशतवादी संघटना जन्माला आल्या.

१) P.L.O. (Palestine liberation organisation) पी. एक. ओ. पॅलेस्टिनी लोकांना त्यांच्याभूमीतून हाकलून देऊन इस्त्रायलचा जन्म झाला म्हणून त्या लोकांच्या हक्कांसाठी ही संघटना पुढे आली. सध्या चर्चेत असलेली 'हमास' ही देखील अशीच संघटना आहे.

२) Red army : ही कम्युनिस्ट विचारच्या तरुणांनी जपान मध्ये स्थापन केलेली संघटना आहे. जगात लाल क्रांती घडवून आणणे हे त्यांचं उद्दिष्ट आहे.

३) Red brigades : इटलीमध्ये कार्यरत असणाऱ्या या संघटनेचं पण तेच उद्दिष्ट आहे.

४) LTTE :- किट्टे (liberation tigers of tamil elam)

श्रीलंकेत तामिळींवर सरकारकडून झालेल्या अत्याचारानंतर तामिळांचा कैवार घेऊन ही संघटना उभी राहिली. वांशिक संघर्ष इथं सापडतो. आता मात्र या संघटनेला शेवटची घरघर लावण्यात श्रीलंकेच्या लष्कराला यश मिळालं आहे. आपले पंतप्रधान राजीव गांधी यांची हत्या त्या संघटनेनेच घडवून आणली होती.

५) I.R.A. (Irish Republican army) ही संघटना ब्रिटनमध्ये त्यांच्या वसाहतवादी धोरणाविरुद्ध आणि आयर्लंडच्या स्वातंत्र्यासाठी लढा देण्यासाठी उदयाला आली.

६) 'अल-कायदा' १९७०-८० च्या दशकात अफगाणिस्तानावर सोव्हिएत रशियाने आक्रमण केले. रशियन लोकांना हुसकावून लावण्यासाठी अमेरिकेने स्थानिक कट्टर तालिबानी गटांना मदत केली. पुढे याच 'अल-कायदा' ने ११ सप्टेंबरचा हल्ला घडवून आणला. अशा प्रकारे जो दहशतवादाला खतपाणी घालतो दहशतवाद त्याच्यावरसुद्धा उलटतो. याच उत्तम उदाहरण म्हणजे आपला शेजारी 'पाकिस्तान'. पाकिस्तान सरकारने नुकतीच 'स्वात' खोऱ्यात तालिबानीपुढे शरणागती पत्करली.

या सगळ्या उदाहरणांतून परत हाच मुद्दा अधोरेखित होतो की सगळ्या विचारसरणींनी आणि सगळ्या धर्मांच्या

लोकांनी दहशतवादाचा वापर केला आहे.

भारतातील दहशतवाद :- भारतात १९४७ च्या आधीच म्हणजे बॅ. जिना यांनी जो 'प्रत्यक्ष कृती दिन' आणि त्यातून घडवून आणलेल्या कत्तली ही पण दहशतवादाची सुरुवात होती.

नंतर १९६६-६७ पश्चिम बंगालमध्ये 'नक्षलवादी' गावातून नक्षलवादी चळवळ सुरू झाली. या चळवळीने दहशतवादी कृत्ये केली आणि अजून करते आहे. भारतात अनेक फुटिरतावादी चळवळी झाल्या. पंजाबमधील 'खलिस्तानवादी अतिरेक्यांनी सुद्धा दहशतवादी कृत्ये केली. इंदिरा गांधींची हत्या केली.

ईशान्य भारतात नागा, बंडखोर, (ULFA (United Liberation Front of Assam) सारख्या अनेक दहशतवादी संघटना आजही कार्यरत आहेत. भारतातील इस्लामी दहशतवादी संघटनांमध्ये 'सीमी, नैश-ए-मोहम्मद, 'हरकत उल जिहाद-ए-इस्लामी' (हुजी) सारख्या अनेक संघटना आहेत.

भारतात दहशतवाद पसरण्याची कारणे

१) अन्याय झाल्याची भावना :- भारतातच नाही तर जगात जिथं जिथं लोकांमध्ये आपल्यावर 'अन्याय झाला' अशी भावना असते किंवा निर्माण केली जाते तिथे तिथे दहशतवाद पसरतो. याचं उदाहरण 'काश्मिर' या भावनेमुळेच काश्मिरी तरुणांचं ब्रेनवॉशिंग करून त्यांना दहशतवादी बनवणं पाकिस्तानांना सोपं गेलं.

२) जातीय दंगे :- सुद्धा मोठ्या प्रमाणावर दहशतवादी तयार होण्यास कारणीभूत आहेत. पकडलेल्या दहशतवाद्यांना बाबरी मशीद पाडतानाच्या व गुजरातमधील दंग्यांच्या सीडी दाखविण्यात आल्या होत्या यावरून हे स्पष्ट होतं.

३) राजकारणाचे जमातीकरण :- भारतात १९८०-९० पासून जाती-धर्मावर आधारित राजकारण सुरू झाले आहे. १९९३ च्या दंगली, शहाबानो प्रकरण, बाबरी मशीद प्रकरण यातून समाजाच्या दोन महत्त्वाच्या घटकांमध्ये हिंदू आणि मुस्लिमांमध्ये तेढ वाढविण्याचे प्रयत्न केले गेले.

४) बांग्लादेशी घुसखोरी :- पूर्णपणे व्यवस्थित seal न

केलेली आपली बांग्लादेश बॉर्डर असल्यामुळे मोठ्या प्रमाणावर घुसखोर येतात. आपले सरकारी अधिकारी चिरीमिरीसाठी त्यांना मतदार ओळखपत्र देतात तर राजकारणी मतासाठी याकडे दुर्लक्ष करतात. हेच घुसखोर अतिरेक्यांना मदत करतात.

५) आर्थिक विकास :- वरवर पाहिले तर हे दहशतवाद पसरण्याचे कारण वाटत नाही पण शेवटी दहशतवादी सुद्धा माणसेच. पाकिस्तानच्या ज्या वायव्य भागात दहशतवादी प्रशिक्षण केंद्रे आहेत तो भाग आर्थिक दृष्ट्या खूप मागासलेला आहे. भारतात सुद्धा बिहार, ओरिसा, आंध्रप्रदेश झारखंड, छत्तीसगढ या मागासलेल्या राज्यांच्या जिल्ह्यांमध्ये नक्षलवादी आहेत.

यश/उपाययोजना :- जगात अनेक देशांनी दहशतवादाचा यशस्वी मुकाबला केला आहे. दहशतवादाचं स्वरूप लक्षात घेऊन त्यावर उपाययोजना केल्या जातात. इटलीत दहशतवाद पसरविणारे red brigade चे सदस्य हे इटालियनच तरुण आहेत ही गोष्ट लक्षात घेऊन तिथल्या सरकारने कडक कायदे पण काळजीपूर्वक व कुणाही निष्पापावर अन्याय होणार नाही अशा पद्धतीने अंमलबजावणी करून त्यांना आटोक्यात आणले.

पंजाबी अतिरेक्यांना बंडखोरांना शरण आणण्यात भारताने यश मिळवले आहे. इथे दोन पातळ्यांवर उपाययोजना करण्यात आल्या १) जोपर्यंत दहशतवादी शस्त्रे टाकत नाहीत तोपर्यंत 'bullet for bullet' २) चर्चेचा मात्र : पंजाबी माणसांची अस्मिता जपली गेली, नागांना विकासात सामील करून घेतले गेले.

या आणि अशा अनेक उपायांतून आपण फुटिरतावादी शक्तींवर विजय मिळविला आहे.

मुंबई हल्ल्यातून मिळालेले धडे

१) आपल्याला पोलिस दल आणि गुप्तचर यंत्रणा Raw MI यांचे आधुनिकीकरण करायला हवं.,

२) आर्थिक दरी : मुंबई हल्ल्याची एक दुर्लक्षित बाजू अशीही होती की CST वर जखमी झालेल्यांना सरकारी हॉस्पिटलमध्ये नेलं जात होतं तर ताज आणि ओबेरॉय मध्ये

जखमी झालेल्यांना मोठ्या आणि महागड्या हॉस्पिटलमध्ये नेलं जात होतं. आपल्या देशात जखमी माणसांना कुठं न्यायचं हे त्याच्या खिशातील पैशावरून ठरवलं जाते. म्हणूनच ही आर्थिक दरी कमी व्हायला हवी.

शेवटी दहशतवादावर भारतासाठी जर सर्वात प्रभावी उपाय कुठला असेल तर तो म्हणजे राष्ट्रीय एकात्मता जी

जपण्यासाठी आणि मजबूत करण्यासाठी जाणीवपूर्वक प्रयत्न करायला हवेत. 'भारतीय' हीच एकमेव ओळख असायला हवी. दहशतवाद्याला नमवणे सोपे नाही हे खरे आहे, पण अशक्य मात्र नक्कीच नाही, जर आपण सगळे या लढ्यासाठी एकत्र आलो तर नक्कीच भावी पिढ्यांना दहशतवाद मुक्त भारतात रहायला मिळेल.

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माझा प्रणाम

कु. अश्विनी जगन्नाथ चव्हाण, तृतीय वर्ष कला शाखा

पहिला माझा प्रणाम

जिजाऊच्या कुशीला

ज्या कुशीने आम्हांस

दिलेल्या तेजाच्या सूर्याला ॥१॥

दुसरा माझा प्रणाम

छत्रपती शिवरायांना

यशवंत कीर्तीवंत

नीतिवंत जाणत्या राजाला ॥२॥

तिसरा माझा प्रणाम

सह्याद्रीच्या पर्वतराजींना

तलवारीने लढलेल्या असंख्य

वीरांच्या पवित्र स्मृतींना ॥३॥

चवथा माझा प्रणाम

मावळच्या मातीला

सरसेनापती उमाबाई दाभाडे यांच्या

पराक्रमाला

अनू माझ्या तळेगावभूमीला ॥४॥

पाचवा माझा प्रणाम

आई-बहिणी, सुनांना

मंगळसूत्र कुंकवाचे ज्यांनी

दान दिले हे स्वराज्याला ॥५॥

सहावा माझा प्रणाम

कात्रजच्या घाटाला

पुण्याला नांगारलेल्या

सोन्याच्या फळाला ॥६॥

सातवा माझा प्रणाम

शनिवारवाड्याला

अटकेपर्यंत झेंडे रोवलेल्या

शूर त्या पेशव्यांना ॥७॥

आठवा माझा प्रणाम

मुळा, मुठा, इंद्रायणीला

पाणी पाजून तेवत ठेविले

त्या अखंड मराठी बाण्याला ॥८॥

नववा माझा प्रणाम

माझ्या आदर्शाना

ज्यांनी मला विश्व दाखवले

त्या माझ्या माता-पित्यांना ॥९॥

दहावा माझा प्रणाम

विद्येच्या माहेर घराला

ज्ञान, संस्कृती जतन करणाऱ्या

आमच्या भावी पिढीला ॥१०॥

अकरावा माझा प्रणाम

ज्ञानामृत देणाऱ्या माझ्या

थोर गुरूजनांना

अन मॉडर्न महाविद्यालयातील

माझ्या सवंगड्यांना ॥११॥

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लीरा - तुझी आठवण येते !

ख्रिस्तवासी प्रा. लीरा वेगस यांस श्रद्धांजली
प्रा. सौ. स्वाती अहिवळे

‘स्त्री जन्मा ही तुझी कहाणी हृदयी अमृत नयनी पाणी’ हा हृदयाचा पान्हा ही तर निसर्गाने दिलेली देणगीच आहे. पण ‘नयनी पाणी’ ह्याला कुणी स्त्री अपवाद असू शकेल? होय. असेही काही अपवाद निसर्गानं निर्माण केले आहेत. तेच हे व्यक्तिमत्त्व ज्यांच्याविषयी लिहावसं वाटलं ती माझी जिवाभावाची मैत्रीण आणि आपल्या महाविद्यालयातील एक विद्यार्थिप्रिय प्राध्यापिका सौ. लीरा वेगस. अशा ह्या मैत्रीणीचा सहवास मला लाभला ती गेली १८, १९ वर्षे. एवढीच वर्षे माझ्या नशिबी आलीत, सर्वाना हसत खेळत आनंदी ठेवण्याचा तिचा स्वभाव. दुःखी माणसाकडे नेहमीच ती फार लवकर आकर्षित होत असे. त्यांना धीर देत असे. परंतु स्वतः धीरानं वागणं किंवा स्वतःच्या अश्रूंना आवर घालणं तेही स्वतःच्या मृत्यूची चाहूल लागल्यानंतर देखील हेच एक आश्चर्य मला तिच्यामध्ये बघायला मिळालं आणि ते जगाला सांगावसं वाटलं म्हणूनच हातात लेखणी घेतली.

मॉडर्न महाविद्यालयामध्ये नोकरीच्या निमित्ताने माझा त्यांच्याशी परिचय झाला त्यांच्या आनंदी स्वभावांमुळे परिचयाचं रूपांतर मैत्रीमध्ये झालं. माझ्या सुखदुःखामध्ये ती सतत सहभागी होत असे त्यामुळे मैत्री वाढत गेली. मी ही तिच्यामध्ये मनोमन गुंतत गेले. माझ्या जीवनातील प्रश्न सोडवण्यामध्ये तिलाही फार समाधान वाटत असे. तेव्हा असं वाटायचं दुसऱ्याचे अश्रू पुसणं फार सोपं असतं पण स्वतःच्या अश्रूंना आवर घालणं ही ताकद परमेश्वर क्वचित काही व्यक्तींनाच बहाल करतो त्याच हे उदाहरण.

मार्च २००५ मध्ये त्यांना स्तनाचा कॅन्सर आहे असे निदान झाले. सर्वप्रथम तिने मला सांगितले. ऐकताक्षणी मला रडू कोसळले. मला अश्रूंना आवर घालता आला नाही. पण आश्चर्य काय तर तीच माझी आसवं पूसत म्हणाली “Swati don't make me cry. I enjoyed

my life, do you know what I said to God. 'Thank you God, I have accepted it.' आणि तिने मात्र डोळ्यातून एकही अश्रू ढाळला नाही. कॅन्सर चौथ्या स्टेजला पोहोचला होता हे माहिती असूनदेखील तिने माझ्यापुढे डोळ्यात पाणी आणलं नाही कदाचित अश्रू ढाळायचे नाहीत आणि मिळालेल्या आयुष्याचा प्रत्येक दिवस हा अनमोल आहे तो हसत खेळतच घालवायचा हे तिच्या-जीवनाचं द्विदवाक्यचं होतं. मैत्रीणींना सुद्धा संकटकाळी सल्ला द्यायची म्हणायची “While facing multiple problems one should not quit! but should keep on striving until one gets over it or finds a way to face it and turn the mountain in to a god mine with God's Help!” खरोखर असे हे तिने दिलेले अनमोल उपदेश अजूनही कानावर पडतात आणि संकटाच्या वेळी मार्ग काढण्याची ताकद मिळते.

दुःख ही सर्वांच्याच नशिबाला असतात. पण दुःखाच्या वेळी धीर द्यायला फार कमी माणसं असतात. स्वतःला कॅन्सरसारख्या रोगानं ग्रासलेलं असताना देखील ती दवाखान्यात गेल्यावर इतर कॅन्सरच्या रुग्णांना धीर देण्याचं काम करीत असे. इतरांसाठी देखील रोज प्रार्थना करत असे कारण प्रार्थनेवर तिचा फार विश्वास होता. शिवाय ती स्वतःचाही धीर खचू देत नव्हती. एवढी मोठी शक्ती खरोखरच निसर्गानं तिला बहाल केली होती. ह्याची साक्षीदारही मीच आहे. तिला स्वतःला कॅन्सरनं ग्रासलेलं असतानाच तिच्या यजमानांना हार्ट अ‍ॅटॅक आला तिचे यजमान आय. सी. यू. मध्ये होते. दरवाज्याच्या बाहेर ती उभी होती. मी तिला भेटायला गेले तेव्हा मलाही तिला कसा धीर द्यावा हे सूचित नव्हते. तिच्यावर कोसळलेलं हे दुसरं संकट बघून पुन्हा एकदा माझे डोळे पाणावले होते. माझ्या

तोंडून शब्द फुटत नव्हते. कदाचित तिला माझ्या जिवाची-उलाघाल माझ्या चेहऱ्यावरच दिसली होती म्हणून तिनेच मला धीर द्यायला सुरुवात केली. आणि म्हणाली “Swati do you know today what I said to God ‘O god I am not prying for myself. I am praying for Rony (her husband). I suffered a lot, dont make him sufferer. Please save his life.’” खरोखर हे तिचे उद्गार एकेल्यानंतर परमेश्वरसुद्धा तिच्या धैर्याचं कौतुक करेल आणि तिच्या यजमानांना दीर्घायुष्य देईल.

दुःखी माणसाच्या चेहऱ्यावरच दुःख क्षणार्धात टिपण्याची कला तिला अवगत होती. मला आठवतं एकदा ती अँडमिशन ड्युटी करत बसली होती. एक विद्यार्थिनी F. Y. B.Sc ला प्रवेश घेण्याकरता आली. तिच्याकडे पैसे नसल्याने ती अँडमिशन काऊंटरवर विनवणी करत होती की ‘पैसे दोन हप्त्यात भरले तर चालतील का?’ तेव्हा कदाचित ते नियमात बसत नसल्याने तिला नकार देण्यात आला. ती रडतच बाहेर आली. लीरानं लगेच उठून तिची चौकशी केली तेव्हा तिला कळलं की ह्या मुलीला ७८% मार्क्स आहेत पण ती एका मोलकरणीची मुलगी आहे त्यामुळे तिचे पैसे भरण्याची ऐपत नाही. तिला ८०० रु. अँडमिशनला कमी पडत होते. लीरानं लगेच बँक ऑफ महाराष्ट्रमधून पैसे काढून आणले आणि तिला दिले. ती मुलगी पैसे घेऊन लगेच काऊंटरवरी गेली पण तिला ऐकावं लागले बघा कसा गरिबीचा आव आणतात! (अर्थात त्या काऊंटरवरील व्यक्तीचाही तिने लगेच पैसे आणल्याने गैरसमज झाला होता) तिने लगेच लीराकडे बघीतलं पण लीरानं माझं नाव सांगू नकोस असं तोंडावर बोट ठेवून तिला खुणावलं आणि ती मुलगी B.Sc. Electronics पण झाली. तिचं नाव तेजश्री कुल. तिला नोकरी पण लागली. पण नोकरीच्या पहिल्या पगारामध्ये मॅडमला काहीतरी गोष्ट द्यावी अशी तिची खूप इच्छा होती. त्याकरता ती मुलगी आणि तिची आई मॅडमच्या घराचा शोध घेत मॅडमला भेटायला म्हणून गेल्या पण नियतीला ते मंजूर नव्हते. वास्तविक त्यावेळी

तिचा दवाखान्याचा खर्चही अमर्याद असाच होता. तेव्हा मी तिला म्हणाले देखील अग ... तुला स्वतःचा एवढा खर्च असताना तू त्या अनोळखी मुलीची फी कशी काय भरलीस” त्यावर ती म्हणाली “देखो स्वाती हम वैसे भी डुब गये है। और थोडा सही।” खरोखर तिच्या ह्या दानशूर वृत्तीचही कौतुक कराव तेवढं थोडच आहे.

ती दुःखी माणसाकडे नेहमीच फार लवकर आकर्षित होत असे. मला आठवतं एकदा रस्त्यावर एक म्हातारी एका वाहनाचा धक्का बसून सिग्नलपाशी पडली होती. तिला कोणीच उचलत नाही म्हणून लीरानं तिला उचललं. तिला दवाखान्यात पण नेलं तिच्यावर उपचार पण केले आणि तिचं बिलही भरलं. तिला घरी आणलं, तिची विचारपूस केली आणि मग तिला तिच्या घरी पोहोचतं केलं.

तिच्या मनाचा मोठेपणा आणखी एका प्रसंगातून मला सांगावासा वाटतो. एकदा तिच्या मैत्रिणीनं तिच्या वाढदिवसाच्या दिवशी दिला एक की-चेन भेट दिली होती ती तिने स्वीकारली पण ती बोलली ते वाक्य अजूनही कानावर पडतं म्हणाली “Thank you, but you know Nisha the biggest gift you are giving me is your time, because you are giving me a portion of yours life which you will never get back again”

आता हा वाढदिवसच काळानं आमच्या सर्वांच्याच हातून हिरावून घेतलाय उरल्या त्या फक्त तिच्या हृदयस्पर्शी आठवणी शेवटी तिला बराच त्रास होत होता. १५ ऑक्टोबर ०८ हा दिवस परमेश्वरानं तिच्यासाठी निश्चित केला होता. कदाचित त्याची चाहूल तिलाही लागली होती. म्हणूनच की काय ती फार टोकाचं बोलली होती. म्हणाली “आता मला त्रास सहन होत नाही. आणि पुढची केमो मी घेणार नाही आणि पुढे असं पण म्हणाली की “If he wants to take me, let him take me away” जवळ जवळ स्वतःच्या मनाचीही तयारी तिने केली होती. कदाचित म्हणूनच तिने मुलालाही बोलावून घेतलं होतं. कॅनडाला असलेला तिचा लहान मुलगाही नशीबानं १४

ऑक्टोबरला रात्री ३.३० ला घरी आईची भेट घेण्याकरता पोहोचला होता. मुलाशीही ३,४ तास तिने हसत-खेळत गप्पा मारल्या त्यानंतर अचानक १५ ऑक्टोबरला तिच्या लीव्हरमधील ट्यूमर फुटल्यामुळे तिला कमालीचा त्रास झाला आणि तिने अखेरचा श्वास घेतला.

तिच्यामधील परोपकाराची वृत्ती आपण सर्वांनी जोपासावी, हिच त्यांना खरी श्रद्धांजली ठरेल. परमेश्वर त्यांच्या आत्म्याला शांती देवो हीच परमेश्वर चरणी प्रार्थना.

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दहशतवाद

श्री. ओंकार कांबळे, एफ. वाय. बी. ए.

शेर पावशेर दहशतीवाद्यांनी
पेटवले भारत देशाचे रान
मुंबई राजधानी जी आमची
आहे ती आमची शान
तहस-नहस करण्याचा
पाकिस्तानी केला प्लॅन
तीन तीन युद्धे हारून सुद्धा
आजुनही आतेवाही त्यात भान
आमच्या विरुद्ध जिकण्यासाठी
सोडतो तू तुझे अतिरेकी पाप
आता गप्प न बसता
दाखवून देऊ तुला
बाप आहोत तुझे
आता बघत रहा आम्हांला
आमच्यातल्या त्या शौर्याला
आमच्यातला त्या एकीला
दिलेस तू आव्हान
परिचित नाही तुला अजून
आहे आहेत आमची रूपे हजार
आमच्या मातृभूमीची आज
ऐकावी आन
संपवून तुला उगवू आमचरण.....

●●●

आसमान के नीचे

कु. रुपाली वि. कुलकर्णी, तृतीय वर्ष, कला

क्या है आसमान के नीचे?
दुश्मनी के घने जंगल है,
पर प्यार का समंदर भी है।
तपते हुए रेगिस्तान है,
पर लहराती, हरी फसल भी है।
क्या है आसमान के नीचे?
रास्तों में काँटे बिखरे हैं,
पर मनोहर फूल भी हैं।
दुःखों के काले बादल हैं
पर सुखों की बूँदाबाँदी भी है।

क्या है आसमान के नीचे?
बुरा चाहनेवालो की आग है,
पर आग बुझानेवाला पवित्र जल भी है।
निराशा के धूप है,
पर मार्ग दिखाती छाँह की राह भी है।
क्या है आसमान के नीचे?
मन को रुलाते हादसे हैं,
पर हँसाते-गुदगुदाते राहतगार भी हैं।
ठोकर लगाते पत्थर हैं,
पर रास्ते दिखाते हाथ भी हैं।

क्या है आसमान के नीचे?
लड़ते-झगड़ते लोग हैं,
पर दुवा माँगनेवाले हाथ भी हैं।
पल में टूटते नाते हैं,
पर सदियों से जुड़े रिश्ते भी हैं।
क्या है आसमान के नीचे?
डुबता हुआ सुरज है,
पर शीतल चाँद-चाँदनी भी है।
टूटते हुए तारे हैं,
पर दिलासा देते नए सितारें भी हैं।

क्या है आसमान के नीचे?
आप हैं, हम हैं और
जजबातोंकी की आँख-मिचौली है।

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सामना दहशतवादाबरोबर श्री. प्रकाश चौधरी, एस. वाय. बी.एस. सी.

सगळ्या जागतिक परिस्थितीचा विचार केला तर असे लक्षात येईल की सगळ्यात मोठं संकट जे आहे ते असुरक्षिततेचं आहे. आतंकवादाचा भस्मासूर लोकांचे बळी घेऊन दहशत निर्माण करून समाजाचे शारीरिक आणि मानसिक खच्चीकरण करीत आहे.

आपण सगळे महाविद्यालयात शिकणारे तरुण युवा पिढीतील आहोत. आनंदाने मजा करत आहोत. याचा अर्थ अभ्यासाबरोबरच आपल्याला कुठे? काय? कसं? कोणत्या गोष्टी घडत आहेत याची विविध क्षेत्रातील माहिती असणे आवश्यक आहे. भारताच्या राष्ट्रीय अस्मितेची जाणीव बोथट झाल्यामुळे दहशतवादासारखी समस्या आज केवळ शहरापुरती मर्यादित न रहाता ही समस्या घरापर्यंत येऊन पोहचली आहे. इतिहास घडविणारी माणसं कधीही इतिहास विसरू शकत नाहीत. दहशतवादाचाही एक इतिहास आहे. एखादी इतिहासात घडलेली गोष्ट किंवा चूक आपल्याला ती पुन्हा होऊ नये म्हणून मार्ग दाखवत असते. या देशाची युवा पिढी मरणजे आपणच जर इतिहासातून काही शिकणार नसू तर आपल्यासारखे मूर्ख आपणच आहोत हे सगळ्यांनी लक्षात घेतले पाहिजे. जर दहशतवाद मुळासकट उखडून नष्ट करावयाचा असेल तर इतिहासाला सर्वप्रथम जाणून घेणे महत्वाचे आहे. ज्यावेळेस महाविद्यालयातील तरुणांना प्रश्न विचारला जातो की, आपल्या देशापुढील समस्या ते सांगू शकतील ? पण कोणी हे सांगू शकणार नाही की ज्याप्रमाणे भारताचे तुकडे भूतकाळात झाले त्याचप्रमाणे आज काश्मीर भारतापासून तुटत आहे ही एक समस्या आहे. मुंबई मध्ये पोट भरण्यासाठी घराबाहेर पडलेला मनुष्य घरी परत सुरक्षित येईल की नाही याची खात्री देता येत नाही. ही एक शरमेची गोष्ट आहे. याचा प्रत्यक्ष थरारक अनुभव आत्ताच काही दिवसांपूर्वी (२६ नोव्हें.) केवळ मुंबईकरांनी नाही, केवळ

भारतीयांनी नाही तर सगळ्या जगाने घेतला. यामुळे अनेकांना आपले प्राण गमवावे लागले आणि त्यांना वाचवताना प्रशासनाच्या अधिकाऱ्यांना देखील आपले प्राण गमवावे लागले. ६० तास दहशतवाद्यांनी सगळ्यांच्या जिवाला वेठीस धरले. यामुळे समाजात दहशत निर्माण झालेली आहे. आंतरराष्ट्रीय स्तरावर देखील आपल्या देशाला याची किंमत मोजावी लागत आहे. अनेक बहुराष्ट्रीय कंपन्यांनी आपले उद्योग गुंडाळून भारतातून आपला पाय काढून घेतला आहे. आपल्या राष्ट्राचं नाव बदनाम होत आहे. पण जर सगळ्यांनी काळजीपूर्वक विचार करून प्रत्यक्षात कृती केली तर ही समस्या सोडवता येऊ शकेल.

आपण एका उदाहरणाद्वारे समजावून घेण्याचा प्रयत्न करूया. एका घरामध्ये आलेल्या पाहुण्यांसाठी जेवण म्हणून आई तेलामध्ये पुऱ्या तळत आहे. त्या आईची मुलगी घर स्वच्छ व्हावं म्हणून झाडून काढत आहे. तिचा भाऊ उद्या परीक्षा असल्यामुळे अभ्यास करत आहे आणि त्यांचे वडील देवाची पूजा करत आहेत. सर्व मंडळी आपापल्या कामात व्यस्त आहेत. अचानकपणे त्या घरामध्ये एक विषारी साप घुसला आहे, अशी खबर सर्वांना मिळते. ही बातमी मिळताच घराच संपूर्ण चित्र आपल्याला बदललेलं दिसेल. पोट भरणं जरी अत्यावश्यक असलं तरी प्रथम आई आपल्या हातात असलेल्या झाल्याचा उपयोग सापाला मारण्यासाठी शस्त्र म्हणवून करेल. कारण तिच्या दृष्टीने सुरक्षितता महत्वाची आहे. झाडून काढण्यासाठी हातात घेतलेल्या झाडूचा मऊ भाग हातात पकडून तिची मुलगी झाडूचा शस्त्राप्रमाणे वापर करेल. परीक्षेच्या तयारीसाठी बसलेला तिचा भाऊ त्याच्या समोर असलेल्या फूटपट्टीचा शस्त्र म्हणून वापर करेल आणि त्याचे वडील जे पूजा करत होते ते त्यांच्या समोरील दगड हातात घेतील की ज्याच्यावर चंदन

घासले जाते. त्याचा ते शस्त्र म्हणून वापर करतील. म्हणजे संपूर्ण कुटुंब शस्त्रासहीत त्या सापाला मारण्यासाठी त्याच्यावर तुटून पडतील. त्याला ठार मारल्यानंतरच ते त्यांची कामे परत करू लागतील.

असं का झालं? कारण जो पर्यंत घरात साप घुसला नव्हता तोपर्यंत त्यांच्या मनात; त्यांच्या घरात सुरक्षिततेचं वातावरण होतं. आम्ही सुरक्षित आहोत या भावनेने ते आपापले काम करत होते. पण जेव्हा हे कळतं की साप घुसला आहे. तेव्हा आपण असुरक्षित आहोत. आपल्या जीवाला त्याच्यापासून धोक आहे. याची त्यांना जाणीव होते; म्हणून जे साधन मिळेल ते त्याच शस्त्र म्हणून वापर करतात आणि त्याला ठार मारतात. म्हणजे सर्वात महत्त्वाची गोष्ट सगळ्यांसाठी सुरक्षितता आहे.

आज संपूर्ण विश्व सुरक्षिततेच्या दृष्टीने संकटात आहे. या विश्वाचं रक्षण जर कोणती विचारधारा करू शकत असेल तर ती भारताची विचारधारा आहे. असं मत पीएच. डी. साठी शोधप्रबंध (Thesis) लिहिणाऱ्या हुशार, बुद्धिवंत, अमेरिकन विचारवंताचे आहेत. यामध्ये कुणाचेही दुमत नाही. परंतु संपूर्ण जगाला वाचविण्याची क्षमता असणारा भारत आज सुरक्षित आहे का ? असा प्रश्न स्वतःला विचारून पहा, त्याचे उत्तर असेच येईल, की “भारत सुरक्षित नाही.”

भारताच्या सुरक्षिततेला संकटात जर कोणी टाकले आहे तर ते पाकिस्तानने टाकले आहे. वेगवेगळ्या वृत्तपत्रांमधील बातम्या जरी आपण वाचल्या तरी आपल्याला या बदलची अधिक माहिती कळू शकते. त्यातील एका लेखात असे सांगितले आहे की, ‘पाकिस्तानात शाळेत शिकणाऱ्या लहान मुलांना त्यांच्या पुस्तकांच्या माध्यमातून अस शिकवले जात की, “भारत हा आपल्या शत्रूंचा देश आहे, त्यांच्याबरोबर युद्ध करून त्यांना पराभूत करावं हे आपले कर्तव्य आहे.” याचा अर्थ तेथे येणारी नवीन पिढी ही भारताला आपला शत्रू मानूनच वाढत आहे. त्याचप्रमाणे खोटे चलन (currency) पाकिस्तानात तयार करून ते भारतात पसरवण्याचे काम

पाकिस्तान प्रेमी मंडळी करत आहेत. अधूनमधून प्रसारमाध्यमांमध्ये बनावटी नोटा पकडल्याच्या बातम्या आपण ऐकत असतोच! यामुळे भारताची अर्थव्यवस्था ढासळत आहे. वाढत्या तंत्रज्ञानाच्या सहाय्याने आजपर्यंत हजारोंच्यावर इंटरनेट साईट्स त्यांनी हॅकर्सच्या मदतीने हॅक करून भारताची महत्त्वाची माहिती चोरली आहे. यावर मात करण्यासाठी भारताला आता सक्षम सायबर आर्मी उभारण्याची गरज आहे.

भारताच्या सुरक्षिततेला केवळ पाकिस्तानने संकटात टाकले नसून बांगलादेशाने देखील टाकले आहे. याच कारण म्हणजे भारत बांगलादेश दरम्यान असलेली सीमारेषा (बॉर्डर) इंटरनॅशनल बॉर्डरवर असलेली फेन्सिंग मध्येच संपते आणि थोड्या अंतरावरून पुन्हा सुरू होते, तर काही ठिकाणी फेन्सिंगच नाही. BSF (Border Security Force) च्या असणाऱ्या दोन चौक्यांमधील अंतर देखील जास्त आहे. यामुळे आरामात बांगलादेशातून हजारोंच्या संख्येने दररोज भारतामध्ये घुसखोरी होत आहे. ही घुसखोरी जाणीवपूर्वक करण्यात येत आहे. यामुळे बांगलादेशाच्या शेजारी असणाऱ्या भारताच्या राज्यांमध्ये घुसखोरी करून आलेले घुसखोर बहुसंख्य होत चालले आहेत तर तेथील स्थानिक भारतीय मात्र अल्पसंख्यांक होत चालले आहेत. या सीमा भागात २१५ आतंकवादी प्रशिक्षण शिबिरे तयार झाली आहेत. एकदा का बांगला देशातून घुसखोर भारतात आला की देशद्रोही राज्यकर्तेत्यांना मतांसाठी आणि पैशांसाठी रेशन कार्ड बनवून देत आहेत. यामुळे घुसखोरांना ओळखणे कठीण होत चालले आहे. अशाच घुसखोरांमधून सशस्त्र आतंकवादी देखील घुसवले जात आहेत. देशभरात झालेल्या बॉम्बस्फोटांमध्ये बांगलादेशींचा देखील सहभाग असल्याचे IB (Buero) मार्फत सांगितले जात आहे. भारतविरोधी घातपाती कारवाया करणाऱ्या य HUUJI, ULFA, ISI, SIMI, IM या अतिरेकी संघटनांचे केंद्र बांगलादेश आहे. हे सिद्ध झालेले आहे. त्यामुळेच बांगलादेश हा मित्र नसून तो शत्रू आहे. हे स्पष्ट झाले आहे. सर्वप्रथम आपण हे समजावून घेतले पाहिजे की देशतवा

केवळ कडक कायदे किंवा नियम बनवून संपतवा येऊ शकणार नाही. यासाठी त्यास जसाशतसे उत्तर दिले पाहिजे. भारतामध्ये रहात असलेल्या प्रत्येक व्यक्तीला आपल्या देशाचा, भारतमातेचा अभिमान असला पाहिजे. भारतीय समाज विघटित न रहाता तो सुसंघटित राहिला पाहिजे. म्हणजे या समाजामध्ये जातिवाद, प्रांतवाद, वर्ण-भेद, उच्च-नीच यांसारख्या समस्या नष्ट होऊन विविधतेतून एकता निर्माण झाली पाहिजे.. हा संपूर्ण समाज व्यसनमुक्त, चारित्र्य संपन्न आणि निर्भिड असला पाहिजे. समाजातील अंधश्रद्धा आणि रूढी नष्ट होण्यासाठी लोकांना खरी श्रद्धा काय आहे, याचे प्रबोधनात्मक मार्गदर्शन झाले पाहिजे.

जे लोक राष्ट्राचे अन्न खातात, राहतात. भारताच्या नागरिकत्वाचा पुरेपुर फायदा घेतात, परंतु ज्यांची राष्ट्रनिष्ठा राष्ट्रप्रेम हे परराष्ट्रावर आहे. अशांना ओळखून त्यांच्याविरुद्ध लढा समाजाने दिला पाहिजे. सध्याचे युग हे IT (माहिती तंत्रज्ञानाचे) युग आहे. विविध प्रसारमाध्यमांच्या आणि इंटरनेटच्या साहाय्याने समाजाला या सर्व समस्यांबद्दल जागृत केले पाहिजे. हे पवित्र काम या देशाच्या कार्यक्षम युवा पिढीला म्हणजेच आपल्याला करावयाचे आहे. या पिढीला विज्ञान आणि तंत्रज्ञानाबरोबरच संस्कारक्षम बनवले गेले पाहिजे. कारण ज्या देशाची पिढी आधुनिकतेबरोबर संस्कारक्षम असेल तोच देश जगामध्ये महासत्ता म्हणून प्रस्थापित होऊ शकतो. आज विविध आहारांच्या कल्पनांच्या आणि व्यसनांच्या द्वारे या देशातील युवा पिढीचे बौद्धिक, शारीरिक आणि मानसिक खचिकरण विदेशी ताकद करीत आहे. त्यामुळे व्यसनांच्या आहारी न जाता तंदुरुस्त राहिले पाहिजे. प्रत्येकाने श्रद्धेने आणि संस्काराने मानसिक बळ मिळवून सशक्त बनले पाहिजे. तरच हा देश आतंकवाद मुळासकट नष्ट करून संपूर्ण जगामध्ये एक शक्तिशाली महासत्ता म्हणून प्रस्थापित होऊ शकेल.

भारत माता की जय!!

वंदे मातरम्!!

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चुकते कधी कधी आयुष्याची वाट
भाग्यश्री जाधव, टी. वाय. बी.सी.एस.(ए)

चुकते कधी कधी आयुष्याची वाट

उरते फक्त ती रात्र घनदाट

पण भिऊ नकोस तू

बघ उजाडेल उद्या तुझीच पहाट

मनासारखं सगळं मिळत नाही,

अशावेळी जगावं वाटत नाही

पण दूर नको जाऊस तू

बघ होतील तुझ्या दिशा दाही

मागच्या दुःखाची येईल आठवण

परि ध्येय ठरवून चालत रहा

मागे फिरू नकोस कधी

तू फक्त लढत रहा

मग थकवा येतो संघर्षाचा

लढताना कधी कधी हार येते

पण दमू नकोस तू कधी

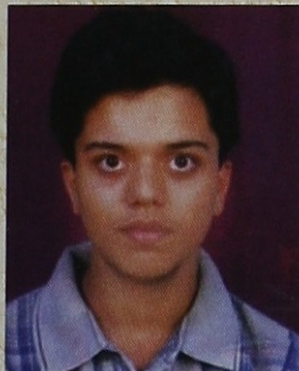
बघ, हातात कसे “यश” येते !!

●●●

CONGRATULATIONS



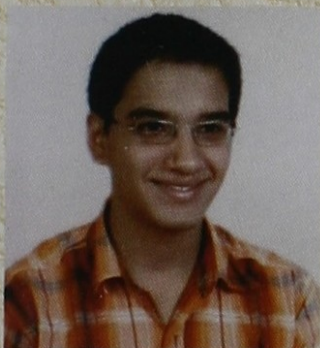
Harisangam Madhura Ajit
NCERT Scholarship



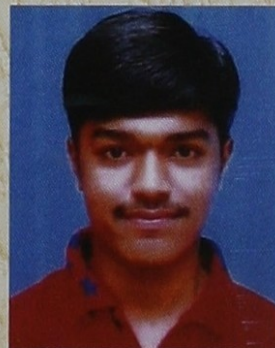
Chaudhary Pranav Vasant
NCERT Scholarship



Gavsane Ritu Milind
NCERT Scholarship



Munot Pinakin Kishor
NCERT Scholarship



Kate Akshay Nivratti
NCERT Scholarship

STUDENTS' REPRESENTATIVES



Amardeep Gaikwad
ICSR - Boys



Soniya Mutha
ICSR - Girls



Trishla Jaiswal
UR

CONGRATULATIONS



WALAVALKAR PRATIK

XI sci, Weightlifter
Gold Medal in 77k.g.Group
at District Level



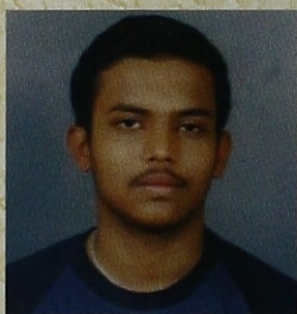
CHAVAN SACHIN

XI sci, Taik-wa-ndo
& Karate Player
1) Silver Medal
at District Level in
Taik-wa-ndo
2) Gold Medal in Karate
in 60 k.g.weight group
at District Level



KAMLESH PARDESHI

XII com, Karate Player
1) Gold Medal at District Level
in 65 k.g. weight group
2) Selected for State
3) National Karate Competition,
1st place in Kata
IIIrd place in Kunita (56 to 60 k.g.)



SOURABH WAIKE

XI Sci., Swimmer
1) At District Level
200mts. free stroke IInd place
400mts. free stroke Ist place
1500mts. free stroke IInd place
2) Regional Competition held at Pune
200mts. free stroke IInd place
400mts. free stroke IIst place
1500mts. free stroke IIIrd place
3) Selected for Maharashtra State



DHOTRE RAHUL

XI Arts, Boxer
1) Gold Medal at District Level
2) Silver Medal at
Regional Competition



CDT. Ratan Shetty
Best Cadet
selected for
RDC - 2009



YASHASHRI BOTRE

XI Arts, Cyclist
1) 1st place at District Level
2) 1st place at the Regional Level at Nagar
3) IV th place at Maharashtra state,
Mumbai (Nerul)
4) IIIrd place National cycling competition
(Haryana)



AMIT KUMBHAR

XI Sci,
Participated in open
Badminton Championship (Latur)
Selected for
National Competition

CONGRATULATIONS



ROHAN MORE

XI com, Swimmer

- 1) At District Level 200mts. Back Stroke IInd place
- 2) State L.L.S. and Endurance Championship stood IInd
- 3) In Vth Maharashtra Swimming Championship for the Deaf & he won 2 Gold, 2 Silver & 1 Bronze Medal.
- 4) At National Bhuwaneshwar he won 1 Gold, 3 Silver and 2 Bronze Medals.



SHREYAS DHANEWAR

XI Sci, Roll ball

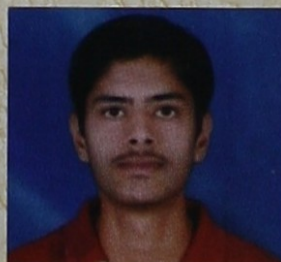
- 1) Selected for District Tournament
- 2) Selected for State Championship
- 3) Selected for National Championship
- 4) Selected for Inter National Bangladesh V/s India match
The Indian Team Received a Gold Medal over there



SANKALP GOSAVI

XI Sci, Netball

Selected for the Inter State Netball Tournament (Nasik)



TANMAY BARGAL

XI Sci, Volleyball

- 1) Selected for the Inter District Tournament
- 2) Selected for the State Level Tournament (Dhulia)



AMIT KUMBHAR

XI Sci,

Participated in open Badminton Championship (Latur)
Selected for National Competition



ASHISH RAMGUDE

XII Sci, Basketball

- 1) Selected for the Inter District Tournament
- 1) Selected for the State Level Tournament

ONE AMONG 1000 PATRONS SEHOOTS OF PASCH GERMANY

Youth Camp Visit to Germany - (31-5-2009 to 20 June 2009)
Modern College Pune 5
Students of German Dept (Junior)

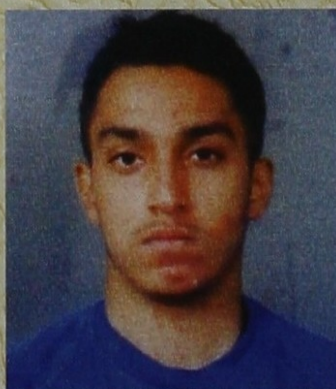


Miss Sampada Jawale
XI - Science



Miss Madhavi S. Bijfani
XI Science

PASCH CAMP - (German Camp)
HIMALAYA
Students from German Dept (Junior)



Pranav Shirole
XII Coms.



Shridhar Kulkarni
XI - Com



Prithviraj Rajebhosle
XI - Science

SPORT STARS



Zore Rahul M. A.
All India Inter University Hockey



Mahesh Dhaygude F.Y.B.A.
West Zone Inter University Base Ball



Nikhil Ravenkar M. Com I
Sr. State Volley Ball Championship
winner team member
Ashwamedh runner-up team member
West Zone Inter University Volley Ball



Manas Jondhale T.Y. B.A.
All India Inter University Korf Ball



Mayur Bomble T.Y.B.Com
All India Inter University Korf Ball
Sr. State Korf Ball Championship
winner team member



Ashish Patil F.Y.B.Com
Under 21
State Volley Ball Championship



Sandeep Prajapati
West Zone
Inter University Net Ball



Ruchira Dorlikar T.Y.B.Com
Sr. National shooting Championship



Shetal Dhamale
West Zone
Inter University Net Ball
Sr. State Korf Ball Championship
winner team member



Inter Collegiate Korf ball



Deepti Kadam
All India Inter University
Korf Ball
Sr. State Korf Ball Championship
winner team member



Sukhada Joshi
M.Sc. (comp. sci)
West Zone Inter University
Volley Ball



**Inter collegiate Netball tournament opening ceremony.
Players Introduction to the principal Dr. Zunjarrao R.S.**



‘ MODERN SHREE ’ Aadesh Dhore S.Y. B.A.

SPORTS



Our College Soft Ball Boys team got 3rd place in inter Collegiate Competition



Prof S. R. Chaudhari, with the Trophy and students participated in the Project competition held at Poona College and Received Rolling Trophy and Second Prize



Students who participated in the Project competition held at Poona College and with Received Rolling Trophy and Second Prize



Members of Staff, and the Principal with Students who participated in the Project competition held at Poona College and Received Rolling Trophy and Second Prize

SPORTS



Our College Athletics Boys 4 x 400m relay team got 1st place in inter Collegiate Athletics meet



Our College Foot Ball Boys team got 2nd place in invitational inter Collegiate Competition

मॉडर्न कॉलेजमधील एक आगळा वेगळा उपक्रम

श्री. विनय साठे, प्रमुख, जॅपनीज भाषा वर्ग

आजकाल एखाद्या विषयाची पदवी घेतली तर तीचा पुढे नोकरी किंवा व्यवसायात फार फायदा होतोच असे नाही. परंतु एखादी परकीय भाषा शिकल्यास दुधात साखर घातल्याप्रमाणे विविध फायदे होतात. आजकाल संगणकाचे ज्ञान किंवा अभियांत्रिकी पदवीबरोबर जर जपानी भाषा येत असेल तर भरपूर मोठ्या पगाराची नोकरी मिळणे हे सहज शक्य झाले आहे. जपानी विमा कंपन्या व पतपेढ्यांचे आपली विविध कामे भारताकडे पाठवण्याचे प्रमाण फार वाढल्यामुळे कला आणि वाणिज्य शाखेच्या लोकांनाही जपानीचे ज्ञान असेल तर त्यांना भल्या मोठ्या पगाराची नोकरी मिळून त्यांच्या जीवनाला एक वेगळीच कलाटणी मिळू शकते. सध्या भारत सरकार तर्फेही शालेय स्तरापासूनच जपानी भाषा हा एक ऐच्छिक विषय म्हणून समाविष्ट केला आहे. महाराष्ट्र राज्याच्या माध्यमिक व उच्च माध्यमिक मंडळाने २००६ पासून ११ वी व १२ वी च्या अभ्यासक्रमात जपानी भाषा समाविष्ट केली आहे. जपानी भाषेची प्राविण्य (प्रभुत्व) परीक्षा ही दरवर्षी डिसेंबरच्या पहिल्या रविवारी जगभर घेतली जाते. पुण्यामधून साधारणपणे २५०० विद्यार्थी ह्या परीक्षेला बसतात.

२००० सालापासून आम्ही म्हणजे जे. एल. पी. टी. प्रिपरेशन क्लासेस ह्या परीक्षेचे पूर्व तयारीचे वर्ग (जपानी भाषा वर्ग) घेतो. दर वर्षी वाढता उत्साह आणि विद्यार्थ्यांची उल्लेखनीय प्रगती हे आमच्या पूर्वतयारीच्या वर्गाचे वैशिष्ट्य आहे. आमच्या विद्यार्थ्यांचा निकाल तर सर्वोत्कृष्ट असतो. शिक्षणाबरोबरच जपानी संस्कृति , चालीरिती, खेळ, चित्रपट, गाणी व दंतकथांची भरपूर माहिती दिली जाते. जपानी लोकांचे आमच्या पूर्वतयारीच्या वर्गांना भेटी देण्याचे प्रमाण वाढत आहे. त्यामुळे जपानी लोकांबरोबर सुसंवाद साधणे हे सहज शक्य होते. आमचे हे पूर्वतयारीचे वर्ग संध्याकाळी ६॥ ते ८॥ या वेळात मॉडर्न महाविद्यालय,

शिवाजीनगर येथे घेतले जातात. कष्ट करणारे विद्यार्थी आणि तळमळीने शिकवणारा शिक्षक वर्ग यामुळे ही यशस्वी वाटचाल शक्य झाली आहे. मार्च अखेर पर्यंत ११वी, १२ वी बरोबर, बाकी सर्वांचे परीक्षासत्र संपत असल्याचे लक्षात घेऊन उन्हाळ्याच्या सुट्टीत काय करावे हा प्रश्न सोडवण्यासाठी दरवर्षी एप्रिल पासून बेसिक लेव्हल साठी नवीन वर्ग चालू होतात. ११ वी, १२ वी ला जपानी भाषा हा विषय घेणाऱ्यांना व एक परकीय भाषा यावी असे वाटणाऱ्यांना ही एक सुवर्णसंधी आहे. नोकरी करणाऱ्यांना आठवड्यात फक्त शनिवार रविवार ३-३ तास जपानी भाषा शिकता यावी म्हणून एक वर्ग असतो.

मॉडर्न महाविद्यालयांत वर्ग चालू करून आता साधारण दहा वर्ष झाली आहेत. विद्यार्थी संख्या साधारण सर्व प्रकारच्या परीक्षांच्या तयारीसाठी १५० च्या वर विद्यार्थी आहेत. जपान गव्हर्नमेंटकडून घेतली जाणारी परीक्षा ह्यापुढे वर्षात दोन वेळा होणार आहे. मॉडर्नमध्ये चालणारा हा उपक्रम दरवर्षी दैदीप्यमान यश मिळवत आहे. दरवर्षी मॉडर्नच्या ५ विद्यार्थ्यांना खास सवलतही उपलब्ध करून दिली जाते. दरवर्षी सर्वात चांगले गुण मिळवणाऱ्या पहील्या तीन विद्यार्थ्यांना ५० % फी परत दिली जाते. आज उत्तम शिक्षण मिळाल्यामुळे आमचे बरेच विद्यार्थी थेट जपानमध्ये स्थायिक होऊन व्यवसायही करत आहेत. आज विद्यार्थ्यांना जपानी भाषा शिकण्याची संधी उपलब्ध करून दिल्याने जपानी भाषा वर्गाचे सर्व शिक्षक महाविद्यालयाचे शतशः ऋणी आहेत. आपणही ह्या उपक्रमांत सहभागी होऊन आपल्या आयुष्याच्या गाडीला (रथाला) चांगले वळण देऊ शकता. २९ जून २००९ पासून नवीन वर्ग चालू होत आहेत.

●●●

“टाटा जागृती यात्रा” - अनुभवकथन (२००८)

मनोगत : श्रीकांत मंगल गबाले (T.Y.B.A.)

शब्दांकन : श्रीराज श्रीधर जाखलेकर (T. Y. B. Sc. Zoology)

दि. २४ डिसें. २००८ ते दि. १९ जाने. २००९. या कालावधीत “जागृती सेवा संस्था, मुंबई” यांनी आयोजित केलेली आणि “टाटा ग्रुप ऑफ इंडस्ट्रीज” ने वित्तसहाय्य पुरविलेली “टाटा जागृती यात्रा - २००८” संपन्न झाली.

“Awakening Indians to India” या मूलभूत संकल्पनेवर आधारलेली ही यात्रा यापूर्वीही एकदा १९९९ साली “आजाद हिंद रेल यात्रा” या नावाने काढण्यात आली होती.

युवकांमध्ये “सामाजिक आणि व्यावसायिक उद्योजकता” (social & Business Enterprenurship) वाढावी हा हेतू डोळ्यांसमोर ठेऊन आयोजित केलेल्या या यात्रेत सहभागी होण्यासाठी देशभरातून तसेच विदेशांतून एकूण १०,००० अर्जदारांतून आम्हां ३५० लायक उमेदवारांची निवड केली गेली.

मुंबई-तिरुअनंतपुरम-कन्याकुमारी-पाँडिचेरी-चेन्नई-हैदराबाद-बेंगलोर-भुवनेश्वर-जमशेदपूर-दिल्ली-तिलोनिया-आनंद-मुंबई असे १८ दिवस भारतभ्रमण करणारी ही यात्रा संपूर्णतः सामाजिक आणि व्यावसायिक दृष्टिकोन समोर ठेऊन घडविली गेली. ज्याला सामाजिक कार्याची अथवा व्यवसाय करण्याची आवड आहे, इच्छा आहे त्या प्रत्येकाला या यात्रेतून काहीतरी नवीन शिकता यावे, अनुभवाने संपन्न होता यावे.

या यात्रेत आम्ही वर उल्लेखिलेले भारतातले निरनिराळे प्रदेश, प्रांत जवळून पाहिले जाणले. तेथील प्रमुख सामाजिक, औद्योगिक प्रकल्पांना भेटी दिल्या. तेथील कार्यवाहकांना भेटून, त्यांच्याशी बोलून त्यांच्या प्रकल्पांबद्दल, संस्थांबद्दल माहिती घेतली. मोठमोठ्या मेट्रोसिटीपासून ते अतिशय लहान दुर्गम खेड्यापर्यंत भारत पाहिला, अनुभवला.

या प्रवासात आम्हाला अनेक Role Models भेटले. त्यांनी चालविलेल्या संस्था, राबविलेले नानाविध उपक्रम त्यांचे यश-अपयश, त्यामागील त्यांची भूमिका या सर्वांचा जवळून अभ्यास करण्याची संधी लाभली. त्यापैकी काहींनी कोणतेही औपचारिक शिक्षण नसूनही त्यांच्या उद्योगक्षेत्रात घेतलेली उंच कर्तृत्वभरारी उल्लेखनीय आहे. काहींनी कोणतीही औद्योगिक पार्श्वभूमी आणि वित्तीय पाठबळ नसताना केवळ स्वतःच्या

हिमतीवर, इच्छेच्या आणि विचारांच्या जोरावर उभारलेल्या आणि यशस्वीपणे चालविलेल्या औद्योगिक संस्था (कंपनी) या नवोदित उद्योजकांना आदर्श ठरतील अशाच आहेत.

या अशा विधायक गोष्टींमुळे भारत हा जुन्या रूढी परंपरांचा, कर्मकांडात जखडलेला पुरातन देश वगैरे सर्वसामान्य व सर्वमान्य संकल्पना गळून पडतात व भारत हा खरोखरीच एक विकसित, बलशाली महासत्ता होण्याच्या मार्गावर आगेकूच करीत आहे असे वाटते आणि पटतेही.

या यात्रेतून अनेक गोष्टी नवीन शिकण्यास मिळाल्या. येथे संपूर्ण भारतातून ३५० तरुण यात्रेकरू आले होते. सर्व सामाजिक, आर्थिक बौद्धिक स्तरांतून आलेल्या या यात्रेकरूंची एक अभिनव चळवळ येथे उभारली गेली. या प्रत्येकाला स्वतःची अशी एक वेगळी ओळख होती, प्रत्येकाकडे वेगळे गुण आणि क्षमता होती. प्रत्येकाच्या गुणांमधून नक्कीच काहीतरी घेण्यासारखे होते. अनेकांचा स्वतःचा व्यवसाय होता. काही नोकरदार होते तर काही माझ्यासारखेच विद्यार्थीही होते. आमच्यामधील Group discussions आणि interractions मुळे त्यांचे presentation skills, अभ्यासाची पद्धत तसेच management skills इ. शिकता आले.

विचारांना संपूर्ण कलाटणी देणारी ही यात्रा भारतातल्या प्रत्येक संवेदनशील आणि नैतिक मूल्यांची जोपासना करणाऱ्या व्यक्तीने केली पाहिजे असे मला मनापासून वाटते. खऱ्या भारताला, त्याच्या विशालतेला व विविधतेला, आधुनिकतेला व प्रगतीला तसेच त्याच्या वेदनांना जवळून अभ्यासण्याची ही सुवर्णसंधी कुठल्याही सामाजिकभान व कर्तव्याची जाण असणाऱ्या तरुणाने गमावू नये.

या वर्षीही (२००९ साली) एक यात्रा आयोजित करण्यात येणार आहे. त्यामध्ये सहभागी होण्यासाठी खालील संकेतस्थळाला भेट द्यावी.

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‘दहशतवादी संघटना’

श्रीकांत मंगल गबाले, T.Y.B.A. (Geography)

जगातील सर्वश्रेष्ठ सत्तेवर ९/११ चा हल्ला, आणि सर्वश्रेष्ठ महासत्ता बनण्याच्या वाटेवरील भारतावरील २६/११ चा हल्ला म्हणजे जागतिक शांतता नष्ट करून दहशतीचे क्रूर साम्राज्य संपूर्ण जगावर लादण्याचे पाऊलच! रॅन्ड कॉर्पोरेशन या जागतिक संस्थेने केलेल्या संशोधनानुसार १९६८ ते २००६ या कालावधीत जगात ६४८ दहशतवादी संघटना अस्तित्वात आल्या. सध्या त्यातील ४०४ अतिरेकी संघटना संपुष्टात आल्या असून अजूनही २४४ संघटना सक्रिय आहेत. पण त्यातील ३२% अतिरेकी संघटना धार्मिक उद्देशांनी प्रेरित आहेत. अनेक अतिरेकी संघटना हल्ले धार्मिक भावनेतून झाले आहेत. सद्यस्थितीत धार्मिक भावनेतून अनेक युवकांना या दहशतवादी संघटनांनी आपली शिकार बनवले आहे हे नवतरुण उच्चविद्याविभूषित, शिकलेले असतात. सध्या ‘लष्कर-ए-तयब्बासारख्या’ मोठ्याप्रमाणात कार्यरत आहेत. दहशतवादी संघटनांची मुळे ‘तालिबान’ संघटनेत आहेत. ओसामाबिन लादेनसारखे आतंकवादी म्होरके याचे नेतृत्व करतात. अमेरिका आज पाकिस्तानला अनेक तऱ्हेने साहाय्य करते परंतु वर्ल्ड ट्रेड सेंटरवरील हल्ला व भारतातील अनेक हल्ले पाकिस्तानाची लायकी सांगून जाते. पाकिस्तान व तालिबान दहशतवादास खतपाणी घालत आहेत. पाकिस्तानाचा मुंबईवरील हल्ला हा त्याचाच परिपाक आहे. भारतात अशांतता पसरविणाऱ्या पाकिस्तानाची आर्थिक, सामाजिक, अंतर्गत सुरक्षा अशा सर्व आघाड्यांवर ‘बुडत्याचा पाय खोलात’ अशीच स्थिती आहे. जम्मू-काश्मिरवर डोळा ठेवून अतिरेक्यांना मदत करण्याचे धोरण कायम ठेवले आहे. भारतात कारवाया करणाऱ्या

पाकिस्तानातील आणि पैसा जमविणारी केंद्रे २२०० एवढी प्रचंड आहे. पाकिस्तानचे ५००० अतिरेकी भारतच्या काश्मिर खोऱ्यात कारवाया करणारे आहेत.

पाकिस्तानच्या या कारवायांमुळे दहशतवाद्यांकडून पुढे अनेक धोके निर्माण होणार आहेत. किरणोत्सारी पदार्थ पळविण्याच्या मोबदल्यात सरकारकडून सवलतीची, स्फोटाने अण्विक ठिकाणे लढविण्याची, ISI लष्करांशी असणाऱ्या संबंधांमुळे दहशतवाद्यांच्या हातात प्रत्यक्ष अण्वस्त्रे जाण्याचा धोका आणि सरकारला ‘ब्लॅकमेल’ करण्याचा धोका मोठ्या प्रमाणात निर्माण होण्याची शक्यता आहे.

या सर्वांचा परिणाम म्हणजे अमेरिकेवरील ९/११ चा हल्ला व मुंबईवरील २६/११ च्या हल्ल्यात दहशतवाद्यांनी वापरलेले तंत्र. लष्कर-ए-तयब्बा’ ने काश्मिर व भारताशिवाय अमेरिका आणि पाश्चात्य हितसंबंधांनाही लक्ष्य बनविण्याचे संकेत आहेत. त्याचबरोबर ‘अल्-कायदा’ संघटनाही कार्यरत आहे.

पाकिस्तानच्या मुंबईवरील दहशतवादी हल्ल्यामुळे भारत-पाक संबंधांना तडे जाण्यास सुरुवात झाली आहे. भारताच्याविरोधी जन्मलेल्या पाकिस्तानच्या राजकारणाचा मूलाधार अजूनही बदललेला नाही, म्हणूनच पाकिस्तानबरोबरच ISI & चीन भारताला कट्टर इस्लामी दहशतवादाच्या विळख्यात अडकवण्यासाठी प्रयत्नशील आहेत. भारताने ही रणनीती वेळीच लक्षात घ्यावी आणि भविष्यकालीन धोरणांची आखणी करावी.

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भारतीयांचे कर्तृत्व विश्वट्यापी

नंदकिशोर रमाकांत एकबोटे, नियामक मंडळ सदस्य व मानद कार्यकारी इंजिनिअर

भारतीय जीवनामध्ये कालगणना ही अत्यंत महत्वाची पद्धत, आपण प्रथम ही विश्वाला दिली. या वर्षी कलीयुगाब्द ५१११ आहे. म्हणजे ख्रिस्तपूर्व ३१०२ वर्षापूर्वी कलीयुगाला प्रारंभ झाला. परंतु आपण ही कालगणना जगाला दिली, शिकवली तरीसुद्धा आक्रमकांनी आपली स्वतःची कालगणना आपल्यावर लादली आणि आपण ती स्वीकारली, याचे कारण “आत्मविस्मृती” व “असंघटन” व याच दोन दुर्गुणांमुळे आपली भारतीयांची ओळख जगाला नीट होत नाही, ती ओळख स्मरणात रहावी म्हणून हा एक अत्यंत छोटा प्रयत्न या लेखाद्वारे आहे.

अल्बर्ट आर्इन स्टार्इन हे शास्त्रज्ञ अभारतीय, परंतु आपल्याविषयी काय लिहितात, “आपण भारतीयांचे खूप देणे लागतो, ज्यांनी गणना कशी करावयाची हे जगाला शिकवले, त्याविना कोणत्याही ठळक शास्त्रीय शोधाचा जन्म झाला नसता.” (स्वतःच्या आत्मचरित्रातून)

मार्क टवेन असे म्हणतात, “भारत भूमी ही मानवी वंशाचे पाळणाघर, मानवी वक्तव्यांचे जन्मस्थान, इतिहासाची आई, पुराणांची आजी व परंपरेची पणजी आहे.”

रोमन रोलॅंड (फ्रेंच शास्त्रज्ञ) भारत भूमीबद्दल काय लिहितात, “अनादी व अनंत काळापासून मानवाच्या अस्तित्व व विकासाचे आशास्थान म्हणजे भारत होय.”

सर वॉल्टर राले यांनी आपल्या जगाच्या इतिहासात पृष्ठ ९९ वर असे लिहिले आहे - “भारतखंडात प्रथमच मनुष्यप्राणी जन्मास आला व तेथूनच तो सर्व पृथ्वीवर पसरला.”

मिसेस मॉर्निंग आपल्या Ancient & Mediaeval India Vol II P - 148 या पुस्तकात असे लिहितात, “भारतीयांच्या मनाची व बुद्धीची भरारी जितकी उंच व दूर पोचलेली आहे. तितकी पृथ्वीच्या पाठीवरील कोणत्याही राष्ट्राची पोचलेली नाही.”

प्रो. हीरेन (Histrocultural Research) याचे

हीस्ट्रॉरीकल रिसर्च यात भारतीयांचे श्रेष्ठत्व यासंदर्भात असे म्हणतात - “केवळ आशिया खंडातील नव्हे तर युरोप खंडातील लोकांच्याही सर्व ज्ञानाचा व धर्माचा उगम भारतातच आहे.”

तत्त्वचिंतक एलफिंस्टन काय म्हणतात. भारतीयांचे सर्व विषयातील ज्ञान वाढलेले होते. तरीपण ईश्वरस्वरूपाच्या ज्ञानाचा जो भव्य दीप भारतीय आर्याजवळ होता व ज्याच्या साह्याने त्यांनी सर्व आध्यात्मिक प्रदेश हिंडून त्यात अभूतपूर्व व दुस्साध्य शोध लावले, त्यांचा एखादा मंद किरणसुद्धा विशाल व ग्राढ ग्रीक विद्वतेला मिळालेला नाही. तेणेकरून तिला संशय रुप अंधःकार व नास्तिकवादरूपी खाचखळगे यातून मार्ग काढणे फार कठीण झाले. म्हणजे त्यांना असे म्हणावयाचे आहे की कुठे आर्य आणि कुठे ग्रीक!

खरे तर, पूर्वीपासून आतापर्यंत होत असलेला सर्व ज्ञानशाखांचा विस्तार किंवा जगातील सर्व सुधारणा ज्या अंक गणितातील शून्यावर आधारित आहेत, ते ‘शून्य’ भारताने जगाला विनामूल्य दिले. याचे सारे श्रेय जाते भास्कराचार्याला त्यांना आपण विसरतो म्हणजेच “आत्मविस्मृती”

मातीची भांडी कशी बनवावी, ते विमान कसे उडवावे इ. पर्यंतचा सर्व कला, शोध, ज्ञान - विज्ञान, गणित, संख्याशास्त्र, त्रिकोणमिती, खगोलशास्त्र, भूगोल, रसायनशास्त्र, शरीरशास्त्र, आयुर्वेद, शल्यचिकित्सा, अंकशास्त्र, भाषाशास्त्र, लिपीशास्त्र, शासनव्यवस्था, राज्यकारभारकोश, दुर्गशास्त्र, अर्थशास्त्र, राष्ट्राचे संरक्षणशास्त्र, राजकारणात मातृशक्तिचे स्थान, स्थापत्यशास्त्र, पुष्पकविमान शास्त्र, युद्धशास्त्र नीती इ. मानवाच्या प्रत्येक सर्वांगीण विकासासाठी आपला भारतवर्षामध्ये वरील सर्व ज्ञान घेण्याकरीता विद्यापीठे

होती. त्यावेळी कुठल्याही प्रेषितांचा जन्मसुद्धा झाला नव्हता. ख्रिस्तपूर्व ७०० वर्षांपूर्वी जगातले पहिले विद्यापीठ “ तक्षशीला ” येथे स्थापन झाले. सध्याच्या अफगाणिस्तानामध्ये त्याचे अवशेष शिल्लक आहेत, म्हणजे अफगाणिस्तानात आर्यसंस्कृती होती ती नष्ट झाली याचे कारण? आत्मविस्मृती !

पायथागोरसने आपल्या आपस्तंभ व बौद्धायन यांच्या त्रिकोणमिती नामक ग्रंथांतून समद्विभूजत्रिकोणाचा कर्ण (तिसरी बाजू) कसा काढतात हा सिद्धांत स्वतःच्या नावावर खपवला. याचे कारण काय?

ख्रिस्तपूर्व ४०० वर्षांपूर्वी स्थापन झालेले ‘ नालंदा ’ विद्यापीठ सध्या बिहारमध्ये का नष्ट झाले ? कोणी जाळले ते ग्रंथ? कित्येक वर्षे अभ्यास करून लिहिलेले मानवजातीचे कल्याणकारी ग्रंथ, ज्ञान, विज्ञान, कला का नष्ट झाले.

भारद्वाज ऋषींनी विमानाचा लावलेला शोध आता सर्वजण मान्य करतात. जर्मनीने स्वतःहून सांगितले की विमानाचा शोध भारतीय ऋषींनी लावला व सध्या पुष्पकविमान नामक ग्रंथ जर्मनीच्या संस्कृत विद्यापीठात आहे.

का नाही? भारत जगाला ओरडून सांगत की, हे सर्व शोध आमच्या ऋषींनी लावले आहेत याला कारण आत्मविस्मृती !

युद्धात तुटलेले नाक, कान, हात, पाय, इ. अवयव जोडून आद्य शल्यचिकित्सा विशारद सुश्रुत यांना आपण विसरावे का?

सर्वश्री रामदेवबाबा जगाला ओरडून सांगत आहेत पतंजली योग, व चरकाचा आयुर्वेद या दोन्ही ऋषी किती जगावर उपकार केले, त्यांचे स्मरण आपण जगाला करून द्यावे की नाही? अणू व रेणूचा शोध लावणारे काणदऋषी यांनी जगाला अणुशास्त्र दिले, मूलभूत संकल्पना दिली त्याबद्दल कृतज्ञता भारतीयांनी व जगानी ठेवावी की नाही?

नागार्जून यांनी स्थापत्यशास्त्रात केलेले संशोधन आजही मूलभूत मानले जाते.

ब्रम्हगुप्त, मातंगऋषी, विश्वामित्रऋषी, आगस्तीऋषी, कौटिल्य, म्हाया स्थापती (सध्या उत्तर अमेरिका, मेस्किको

राष्ट्र) यांनी जगभर केलेला प्रवास नौकाशास्त्र अवगत असल्याशिवाय केला काय?

कोण म्हणतो कोलंबस व वास्को द गामा यांनी शोध लावला? पण आपण मात्र त्यांचा उदोउदो करतो व आपल्या सरकारची यंत्रणा त्यांच्या गळ्यात श्रेयाची माळ घालते. हे असे का?

आर्यभट्टाने क्षेत्रफळ काढणे व ‘ पाय ’ ची किंमत ३.१४२ जगाला दिली. त्याचप्रमाणे (अ + ब) (अ + ब) (अ + ब) इत्यादी सर्व ब्रम्हगुप्त, आर्यभट्टाने जगाला दिले.

तसे बघितले तर पेटंट ही प्रक्रिया योग्य असेल तर अनेक शोधांचे पेटंट भारताने घ्यावेत पण आपल्या ऋषींनी मानवजातीचे कल्याण हाच मार्ग ध्येय ठेवल्याने तसा विचार पण कधीही केला नाही याला म्हणतात भारतीय संस्कृती. त्याला सध्या प्रचलित नाव आहे हिंदू संस्कृती.

वरील सर्व वैज्ञानिकांनी, शास्त्रज्ञांनी शोध लावून जगावर उपकार केले अशी भावना कधीच ठेवली नाही. कारण सर्व विश्वच आपले आहे अशी भावना होती म्हणूनच त्यांना ‘ कृणवंतो विश्व आर्यम् ’ ही संकल्पना सुचू शकते आणि हाच वारसा सध्या भारतीय चालवत आहेत.

उदा. : २१ व्या शतकातील काही ताजी उदाहरणे

- १) सन मायक्रो सिस्टिमचा सह संस्थापक आहे - श्री. विनोद खोसला.
- २) हॉटमेल या ई - मेल यंत्रणेचा जनक व निर्माता आहे - श्री. साबीर भाटीया.
- ३) पेंटीयम चिप चा निर्माण करणारा भारतीय आहे - श्री. विनोद धाम.
- ४) विंडोज् २००० व नवीन मायक्रोसॉफ्ट चाचणी संचालक आहे - श्री. संजय तेजवारीक.
- ५) जगप्रसिद्ध एटी अँड टी - बेलचा, प्रयोग शाळेचा अध्यक्ष आहे - श्री. अरूण नेत्रावल्ली.
- ६) इंटेल कॉर्पोरेशनमध्ये भारतीय शास्त्रज्ञ आहेत - १७ %
- ७) अमेरिकेमध्ये भारतीय असलेले डॉक्टरांचे प्रमाण ३८%

- ८) नासामध्ये भारतीय शास्त्रज्ञांचे प्रमाण ३६ %
९) मायक्रोसॉफ्ट कंपनीत भारतीय संचालक, शास्त्रज्ञ, कर्मचारी, ऑफीसर्स आहे ३४ %.

अशी किती तरी उदाहरणे संपूर्ण जगात देता येतील. भारतीयांविषयी म्हणून मनात विचार येतो की, भारतीय भूमी कशी आहे ?

ज्या आक्रमकांनी नालंदा, तक्षशीला विद्यापीठातील ग्रंथ जाळले, त्यांचा व त्यांच्या वंशजांना जातो. या मातीतच पराभूत करणारे छत्रपती शिवाजी महाराज, राष्ट्रप्रेम म्हणजेच हिंदूधर्माचे रक्षणकर्ते छत्रपती संभाजी महाराज व गुरु नानक देव यांची ही भूमी !

जगातील विनाकारण होत असलेली हिंसा थांबवणारे सर्वश्री भगवान बुद्ध, भगवान महावीर यांची ही पवित्र भूमी.

अनेक साधुसंतांची, ऋषीमुनींची, महाराजांची, शूरवीरांची, वीरमाता भगिनीची, शास्त्रज्ञांची, समाजसुधारकांची, राज्यकर्त्यांची, हुतात्म्याची, खेळाडूंची ही अमृतभूमी. त्यागभूमी, शौर्यभूमी, प्रभुरामचंद्र व भगवान श्रीकृष्ण आपल्या आचरणातून दाखवतात.

“ जननी जन्म भूमीश्च स्वर्गादिपि गीरीयसी ”
म्हणजे माझी जन्मभूमी मला स्वर्गापेक्षा प्रिय आहे, म्हणजेच जन्मभूमी स्वर्गासारखी आहे.

बंधुनो, भगिनीनो आपल्या मनात निश्चितच असा विचार येईल की मी स्वतः काय करावे ?

आपण एकच करावे की माझ्यामुळे भारताचे नाव मोठे होईल. स्वतः मोठे होण्यापेक्षा आपल्या कर्तृत्वाने, गुणाने भारत मातेला मोठे करा.

हे आपल्याला सांगायचा हेतू काय ? तर भारतमातेची सेवा.

चला, आपण एक उत्तम शास्त्रज्ञ, सैनिक - अधिकारी, खेळाडू, राज्यकर्ते व अमृपुत्र होऊन दाखवू.

हिमालय समारभ्य यावद् इंदू सरोवरम् ।

तवं देव निर्मितम् देशम् हिंदूस्थानम् प्रचक्षते ॥

(बाराहित संहिता)

याचा अर्थ असा की, हिमालयापासून प्रारंभ होऊन हिंदू महासागरापर्यंत असलेला विस्तीर्ण प्रदेश हा प्रत्यक्ष परमेश्वराने निर्माण केलेला हिंदूस्थान देश आहे.

म्हणूनच आपल्या भारतीयांवर आलेल्या आक्रमकांनी पद्धतशीरपणे, नियोजनबद्ध आपली श्रद्धास्थाने लोकांच्या मनातून नष्ट व्हावीत असा जाणीवपूर्वक प्रयत्न केला व त्याला आपण भारतीय बळी पडलो. म्हणूनच आपली अस्मिता व संघटन नष्ट झाले व कित्येक वर्षे आपण मागे राहिलो.

परंतु यापुढे मात्र असा निर्धार करू की, आपले भारतीय विज्ञान जगाच्या पाठीवर कसे श्रेष्ठ होते असा विचार करून हा भारत देश जगाच्या पाठीवर गुरुस्थानी सूर्यासारखा तळपत ठेवू या.

याक्षणी देशाच्या सीमेवर लढणाऱ्या व आतापर्यंत हुतात्मा झालेल्यांना माझे शब्दपुष्प अर्पण करून प्रार्थना करतो,

चला आपण भारतमातेला परम वैभवाच्या शिखरावर आरुढ करू.

...



चित्रपटाचे समाजावर होणारे परिणाम

ईश्वर सुरेश भंडारे , एस. वाय, बी.ए

करमणुकप्रधान परंतु सामाजिकतेचं भान असलेले वास्तव मांडण्याचे एक फार प्रभावी संस्कारक्षम माध्यम म्हणजे चित्रपट असे मला वाटते.

चित्रपट हे मानवनिर्मित प्रसारमाध्यम आहे. त्यामुळे माणसांचा, त्याच्या दृष्टीकोनाचा चित्रपटाच्या निर्मीतीवर मोठा प्रभाव दिसून येतो. अगदी सुरुवातीला दादा साहेब फाळके यांनी ' राजा हरीशचंद्र ' या मुकचित्रपटाद्वारे चित्रपटनिर्मितीला सुरुवात केली. नंतर बोलपटांना सुरुवात झाली. महाभारत , रामायण यावर आधारीत चित्रपट निघाले. सुरुवातीच्या काळात चित्रपट हे समाजप्रबोधनाचे माध्यम होते. मनोरंजनाबरोबर समाजाचे प्रबोधन चित्रपटाने केले पाहिजे असे मला वाटते. प्रभातच्या चित्रपटांनी मनोरंजनाबरोबर समाजाचे प्रबोधन केलेले दिसून येते. भालजी पेंढारकरांच्या चित्रपटांनी समाजजागृतीचे काम केले. साधी माणसं, माणुस, प्रपंच यासारख्या चित्रपटांनी त्याकाळच्या समाजाचे वास्तव लोकांसमोर मांडले. जास्त अपत्याचे स्त्रियांवर व संपूर्ण कुटुंबावर काय परिणाम होतात हे प्रभावीपणे दाखवून दिले.

काही लोक म्हणतात की, चित्रपट हे समाजाचे प्रतिबिंब आहे. तर काहीजण असे म्हणतात , चित्रपटाचे प्रतिबिंब समाजात दिसून येते. त्यामुळे या विषयाला नाण्याच्या दोन बाजू आहेत.

अलिकडच्या काळात हिंदी चित्रपट गुन्हेगारीचे, व्यसनाधीनता, अश्लिलतेचे उदात्तीकरण करताना दिसतात. उदा. : वास्तव, कंपनी, सत्या, अबतक छपन्न, शुटआऊट ॲट लोखंडवाला यामुळे नकळत समाजात गुन्हेगारांबद्दल कुतुहल निर्माण झालेले दिसून येते. वास्तवतेच्या नावाखाली गुन्हेगारीचे उदात्तीकरण करणे बरोबर नाही. चित्रपटामुळे समाजात गुन्हेगारी, अश्लीलता, उथळ मनोरंजन याला प्राधान्य देताना दिसते. सुंदर अर्थपूर्ण

गीतांचे विडंबन केलेले दिसून येते. त्यामुळे नव्या पिढीला हेच खरे आहे असे वाटण्याची शक्यता आहे. चित्रपटामध्ये अवास्तव चित्रण केल्यामुळे समाज वास्तवापासून दूर जाण्याची शक्यता आहे. चित्रपट हे लोकजागृतीचे प्रभावी माध्यम असूनही त्याचा चुकीचा वापर आज मोठ्या प्रमाणावर होताना दिसतो. त्यामुळे उत्तम कथा, अर्थपूर्ण गीतरचना, सकस, दर्जेदार संगीत, उत्तम अभिनय या गोष्टी किंवा कलागुण मागे पडत चालले आहेत.

वास्तवाहून प्रतिमा सुंदर वाटायला लागलेली आहे. उदा. : लगे रहो मुन्नाभाई या चित्रपटातील महात्मा गांधींची प्रतिमा लोकांना भावते. परंतु या देशात मूळ स्वरूपात असलेल्या महात्मा गांधींच्या विचारांबद्दल, तत्त्वज्ञानाबद्दल लोक फारसे बोलताना दिसत नाहीत. गांधीजींचे तत्त्वज्ञान चित्रपटाच्या माध्यमातून लोकांपर्यंत पोहचते. तेव्हा लोक अधिक जागृत होतात. प्रत्येक ठिकाणी लोक अहिंसेचे आचरण करण्यास सुरुवात करतात. चित्रपटामध्ये यासाठी खास गांधीगिरी हा शब्द वापरण्यात आला आहे. लोक चौकाचौकात सिंगल तोडणाऱ्याला गुलाबाचे फूल देवून स्वागत करत होते. हे आपण वर्तमानपत्रांमध्ये फोटोसहित पाहिले असेल व वाचले असेल. एवढेच काय वनराईचे मोहन धारिया सुद्धा त्यामध्ये सामील होते. चित्रपटात वास्तवाहून प्रतिमांचे सुंदर चित्रण केलेले असते. परंतु ते सारे वास्तव नसते.

अशाप्रकारे चित्रपटाला नाण्याला जश्या दोन बाजू आहेत तशा दोन बाजू आहेत. चित्रपटाचे चांगले - वाईट दोन्हीही परिणाम समाजावर होतात. सानेगुरुजींच्या शामची आईसारखे चित्रपट समाजावर, बालमनावर देशभक्तीचे व चांगल्या आचरणाचे संस्कार घडवून जातात. ' ध्यासपर्व ' सारखा चित्रपट रघुनाथ कर्वेची ओळख करून देतो व त्यांनी स्वातंत्र्यपूर्व काळात केलेले समाजकार्य लोकांसमोर

मांडतो. तर ' मी शिवाजीराजे भोसले बोलतोय ' सारखा चित्रपट मराठी माणसाला खडबडून जागे करतो.

चित्रपटाचे चांगले - वाईट दोन्ही परीणाम समाजावर होतात. म्हणून चांगले आणि वाईट यांच्यामधला फरक जाणून चांगले ते आत्मसात करण्यासाठी चित्रपटाचे माध्यम वापरून विद्यार्थ्यांचे , समाजाचे प्रबोधन आवश्यक आहे. त्यांच्यातला राजहंस जागा करणे आवश्यक आहे. तरच ते दूध आणि पाणी यांच्यातला फरक करू शकतील.

खालील ओळीत मला आवडलेल्या चित्रपटातील काही संवाद आहेत ते वाचा आणि मर्म जाणून घ्या. त्यामध्ये आपण वास्तवात काय विसरत चाललोय हे सांगितले आहे.

इस शहर की दौंड में दौड़के करना क्या है ।

अगर यही जीना है दोस्तों तो मरना क्या है ॥

पहले बारीश में ट्रेन लेट होने की फीक्र है ।

भुलगये भिगते हुए टहलना क्या है ॥

सिरीयल के किरदारोंका सारा हाल है मालुम ।

पर माँ का हाल पूछनेकी फुरसत कहाँ है ॥

अब रेत में नंगे पाव टहलते क्यों नहीं ।

एकरस्ते आठ है चॅनल पर दिल बहलते क्यों नहीं ॥

इंटरनेटपे दुनियासे तो टच मे है ।

लेकीन पडोसमे कौन रहता है, जानते तक नहीं ॥

मोबाईल, लॅण्डलाइन, सबकी भरमार है ।

लेकीन जिगरी दोस्त तक पहुँचे ऐजेतार कहा है ॥

कब डुबते हुए सुरज को देखा था याद है ।

कब जाना था शाम का गुजरना क्या है ॥

तो दोस्तो शहर की इस दौंड में दौड़ के करना क्या है ।

अगर यही जीना है दोस्तो तो मरना क्या है ॥

म्हणून माझ्या मित्र आणि मैत्रिणींनो चित्रपटविश्व व वास्तव आपण जे जगतो ते विश्व यात खूप मोठा फरक आहे. तो फरक ओळखायला शिका. आपण धावत धावत मोठे होत नाही हे समजून घ्या.

बळीराजा

ईश्वर सु. भंडारे , एस. वाय. बी. ए.

या देशाचा प्रधान तु

खर तर आहेच प्राण तु

ऊतु नको मातु नको

घेतला वसा टाकु नको

दुष्काळ येतो नि जातो

दुःखाच्या जोडीशिवाय

सुखाची गोडी कळणार नायं

अंधाला एक डोळा देशील काय ?

अमाप पैसा घेशील काय ?

तु नाय म्हणशील

कारण शरीर साक्षात परमेश्वर असतं

त्याचं मुख्य अमृत्य असतं

सोपं नाय जगणं पण जगशील काय ?

तुझ्या वेदना मला कळतील काय ?

जग दोन दिवस हळहळ करेल

राजकारण चर्चा करेल.

नंतर उठतील, पळतील

खातील, पितील, नाचतील

म्हणून म्हणतो मित्रा, तुला जगायचं हाय, तुला

जगायच हाय.

त्यावर आत्महत्या हे उत्तर न्हाय, उत्तर न्हाय.

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मेरी प्रिय कलाकृति

कु. रूपाली वि. कुलकर्णी, तृतीय वर्ष, कला

‘विनायक दामोदर सावरकर का नाम सुनते ही इनके प्रति आदर और सम्मान की भावना निर्माण होती है। ‘स्वातंत्र्यवीर सावरकर’ यह कलाकृति लेखक रमेश मुधोलकर द्वारा लिखित है। इसमें सावरकर जी की संपूर्ण जीवनी तथा क्रांतिकारी जज्बे को इस प्रकार अंकित किया है कि पाठक उससे प्रभावित हो जाता है।

विनायक जी का जन्म नासिक जिले के भगूर नामक गाँव में २८ मई, १८८३ को हुआ। उन्हें बचपन में ‘तात्या’ कहते थे। उनकी माँ का देहांत बहुत जल्दी हो गया। उन्हें दो भाई और एक बहन थी। उनके पिताजी ने उन्हें माँ की कमी कभी महसूस नहीं होने दी। बचपन में वे बहुत शरारती थे। उनका बचपन हँसते-खेलते गुजर गया।

उनकी प्राथमिक शिक्षा भगूर में ही हुई और आगे की पढ़ाई के लिए वे नासिक आए। वहाँ उन्होंने युवकों को संगठित किया। उन्हें पढ़ने में बहुत रुचि थी। इस कारण वे दृढ़ विचारोंवाले और जागृत बने। अपने दोस्तों में वे देशप्रेम निर्माण करते थे और उन्हीं के साथ मिलकर उन्होंने ‘मित्रमेला’ संस्था की स्थापना की। वे चाहते थे कि दिमाग के साथ शरीर भी सशक्त होना आवश्यक है इसलिए उन्होंने व्यायाम पर भी जोर दिया। इसी बीच प्लेग की बीमारी से उनके पिता का देहांत हुआ। १८९९ में उन्होंने परिपूर्ण रूप से ‘मित्रमेला’ संस्था की स्थापना की और अपना ध्येय भी निश्चित किया।

१६ वर्ष की आयु में ही उन्होंने अँग्रेजों पर आरोप लगाए और उससे नासिक में हलचल मच गई। १९०१ में वे मैट्रिक की परीक्षा पास हो गए। पर वे आगे पढ़ न पाए। इसी बीच उनका विवाह श्री. चिपलूनकर जीकी कन्या से हो गया और उनकी अगली पढ़ाई की जिम्मेदारी चिपलूनकर जी पर आ गई।

कॉलेज के दिनों में उन्होंने देश स्वतंत्रता की दृष्टि से एक और कदम उठाया। उन्होंने विदेशी कपड़ों की होली के आंदोलन का नेतृत्व किया। इसके लिए उन्हें बहुत अच्छा साथ मिला। इसी आंदोलन से आग्रेजों का ध्यान सावरकर जी पर गया। आगे उन्होंने बी. ए. की शिक्षा भी पूरी की। ‘मित्रमेला’ संस्था में से ही १९०६ में पुणे में ‘अभिनव भारत’ की स्थापना की गई।

उसके बाद वे इंग्लंड गए। उन्होंने अपने काम की शुरुआत इंग्लंड जानेवाली बोट में ही कर दी। वहाँ के युवकों को अपने कार्य की जानकारी दी। ‘भारत भुवन’ में वे बम और पिस्तौल तैयार करने लगे और आंदोलन भी किए। वे समय समय पर अखबार में लेखन भी करते रहे। कुछ दिनोंके बाद वे फ्रांस गए और वहाँ बम की शिक्षा लेने के बाद इंग्लंड आने लगे परंतु पकड़े गए। बोट से भारत के जेल में ले जाते वक्त उन्होंने वहाँ से छूटने की कोशिश की। छोटे से छेद में से समंदर में ली हुई छलाँग त्रिखंड में गूँजी थी। परंतु वे कामयाब हो नहीं पाए। उन्हें अंदमान में आजन्म ‘काले पानी’ की सजा हुई। वहाँ उनपर बहुत जुल्म हुए। वे ५० साल जेल में रहे।

अंदमान से छूटने के बाद उन्हें रत्नागिरी में नजरकैद में रखा गया। रत्नागिरी से बाहर न जाने का आदेश दिया गया। उस काल में उन्होंने अस्पृश्यता निवारण किया, साथ ही कुछ ग्रंथ लिखे एवं काव्य की रचना की।

उसी समय गांधीजी की माँग से भारत स्वतंत्र हो गया परंतु भारत से पाकिस्तान अलग हो गया। इस कारण ‘नथुराम गोडसे’ ने गांधीजी की हत्या की। इसके पीछे सावरकर जी का हाथ माना गया परंतु सबूत न मिलने के कारण उन्हें छोड़ दिया गया। सावरकर जी को इस बात का बहुत दुःख हुआ।

लोगों ने सावरकर जी के तत्त्वोंका स्वीकार किया इस बात से वे बेहद खुश थे। अब अंत हुआ तो भी दुःख नहीं ऐसा उन्हें लगने लगा। उन्होंने अनेक सम्मान प्राप्त किए। १९६३ में उनकी पत्नी का देहांत हो गया। उनके मित्र भी उनसे दूर हो गए। वे और भी उदास हो गए।

३ फरवरी से उन्होंने अपना खाना-पीना छोड़ दिया। धीरे-धीरे उनकी ताकत कम होती गई, परंतु अंततक वे जागृत रहे। २६ फरवरी १९६६ में सुबह ११ बजकर १० मिनटपर उनका देहांत हो गया।

उन्होंने अपने जीवन में अस्पृश्यता निवारण, भाषाशुद्धि, ग्रंथलेखन और सैनिकीकरण को महत्त्व दिया। अपने जीवन के ७० वर्ष उन्होंने देश को स्वतंत्रता दिलाने के लिए खर्च किए। ऐसे देशवीर को हमारा प्रणाम!

जायसी

कु. वंदना वि. भिडे, तृतीय वर्ष, कला

हिंदी सूफी काव्यधारा के कवियों में मलिक मुहम्मद जायसी का स्थान सर्वोपरि है। अन्य प्राचीन कवियों के समान ही इनके जीवन के संदर्भ में ठोस जानकारी नहीं मिलती। इनके जन्म-तिथि को लेकर विद्वानों में पर्याप्त मतभेद है पर अंतः साक्ष्य के आधार पर कहा जा सकता है कि इनका जन्म विक्रमसंवत् १५२१ के आसपास हुआ था। इनका जीवन काल शेरशाह सूरी के शासनकाल से सम्बद्ध है। इस संबंध में इन्होंने स्वयं लिखा है।

“भौ अवतार मोर नौ सदी,
तीस बरस ऊपर कवि वदी।”

रायबरेली के जायास नगर में जन्म लेने के कारण, ये ‘जायसी’ कहलाए। इनके पिता का नाम मलिक शेख अमरेज था। शैशव में ही माता-पिता की मृत्यु के कारण वे साधुओं की संगति में रहने लगे। जनश्रुति के अनुसार ये विवाहित थे, पर इनके पुत्र मकान के नीचे दबकर मर गए थे जिससे इनका मन विरक्त हो गया।

“सय्यद, अशरफ पीर हमारा,
जेहि मोही पंथ दीट उजियाला।”

इनके गुरु का नाम सय्यद अशरफ पीर बताया जाता है। ये अपने समय के सिद्ध फकीरों में गिने जाते हैं। इनके व्यक्तित्व से प्रभावित होकर अमेठी के राजा इन्हें अपने यहाँ ले आए थे। वहाँ के राजघराने में इनका बहुत सम्मान था। इनका निधन संवत् १५९९ वि. में हुआ।

जायसी के व्यक्तिमत्त्व के बारे में कहा जाता है कि ये कुरूप थे, एक नेत्र से विहीन तथा एक कान से रहित थे। एक बार शेरशाह सूरी ने इनकी कुरूपता का उपहास उड़ाया तो इन्होंने बड़े शांत भाव से पूछा, - तुम मुझ पर हँस रहे हो अथवा उस कुम्हार-ईश्वर-पर। शेरशाह अत्यंत लज्जित हुआ और इनका अत्याधिक सम्मान किया। भगवान ने जहाँ इन्हें रूप देने में कृपणता दिखाई थी, वहाँ शुद्ध प्रेमपरायण

हृदय देने में तथा मधुर कंठ देने में उतनी ही उदारता दिखाई है।

जायसी द्वारा रचित तीन रचनाएँ बताई जाती हैं :

१) अखरावट २) आखिरी-कलाम ३) पदमावत।
अखरावट में वर्णमाला के एक एक अक्षर को लेकर सिद्धांत संबंधी तत्त्वों जैसे ईश्वर, सृष्टि, जीव आदि परविचार प्रकट किए गए हैं। इसकी रचना बारहखड़ी प्रणाली पर की गई है। आखिरी कलाम में सृष्टि के अंत तथा भुहम्मद साहब के महत्त्व का वर्णन है। यह एक सूफी सिद्धांत का ग्रंथ है।

जायसी के काल में सामाजिक तथा राजनीतिक परिस्थिति अशांतिपूर्ण थी। मुसलमानों के आक्रमण होते रहते थे। छोटी-मोटी रियासते अपने को एक पूर्ण स्वतंत्र राष्ट्र समझती थी। अपनी प्रतिष्ठा बढ़ाने के लिए अनधिकार चेष्टाओं को प्रयोग में लाती थी। राजाओं की रूपवती कन्याएँ युद्ध का विशेष कारण बन जाती थी। वीरों के गौरव गान उनके हृदय में प्रणय का संचार करते थे। पदमावत काव्य की यही विशेषता है। इस में चित्तोड के राजा रत्नसेन और सिंहलीद्वीप की राजकुमारी पद्मावती की प्रेम-कथा का वर्णन है।

पदमावत ही कवि की अक्षय कीर्ति का आधार-स्तंभ है जिसमें रत्नसेन और पद्मावती की लौकिक प्रेम कहानी द्वारा अलौकिक प्रेम की व्यंजना की गई है। यह हिंदी महाकाव्यात्मक तथा फारसी की मसनवी शैली के आधार पर रची गई रचना है। इस ग्रंथ में प्रेम की साधना और सिद्धि दोनों अवस्थाओं का चित्रण हुआ है। यह ग्रंथ हिंदी साहित्य का एक अमूल्य रत्न है।

जायसी प्रेम की पीर के अमर गायक थे। इन्होंने प्रेम को ईश्वरप्राप्ति का एकमात्र साधन माना। हिंदू घरों में प्रचलित प्रेमकथाओं को आधार बनाया, जो इनके समन्वयवादी दृष्टिकोण का परिचय है। भारतीय संस्कृति में व्याप्त

अंधःविश्वास, जादू-टोना, तंत्र-मंत्र आदि का भी इन्होंने उपकरण के रूप में प्रयोग किया।

प्रेम को अत्यधिक महत्त्व देने के कारण ही जायसी ने नारी का उदात्त रूप स्वीकारा। उनके लिए नारी परमात्मा का प्रतीक है। 'पदमावत' में उन्होंने पदमावती को ब्रह्म का और रत्नसेन को जीवात्मा का प्रतीक माना है। जायसी के अनुसार साधना का मार्ग अगम्य और दुर्गम है जिस पर चलने के लिए गुरु का होना अत्यंत आवश्यक है।

जायसी ने माया की कल्पना शैतान के रूप में की है जो ब्रह्म और जीव के मिलन में बाधा डालती है। जायसी के काव्य में प्रकृति आलंबन और उद्दीपन दोनों रूपों में अंकित है।

सत्संग द्वारा विभिन्न प्रकार का ज्ञान उन्हें प्राप्त हुआ। वे हठयोग वेदान्त, ज्योतिष आदि के अच्छे जानकार थे। मुसलमान होते हुए भी उन्होंने हिंदुरीतिरिवाजों, धार्मिक विश्वासों, तथा देवी देवताओं के विषय में बहुतसा ज्ञान अर्जित किया था। इस ज्ञान के दर्शन उनकी तीनों रचनाओं में मिलते हैं।

जायसी की भाषा ठेठ अवधी भाषा है। इनके काव्य में शृंगार रस अंगी रस के रूप में आया है। उसके दोनों रूपों का अच्छा परिपाक हुआ है। इसमें प्रधानता वियोग-शृंगार की है। नागमती के माध्यम से वर्णित विप्रलंभ शृंगार इनके अक्षय यश का एक आलोक-स्तंभ है।

अलंकारों के प्रयोग में भी जायसी सिद्धहस्त थे। उपमा, रूपक तथा उत्प्रेक्षा इनको विशेष प्रिय है। शैली की दृष्टि से इन्होंने फारसी की मसनवी शैली को अपनाया और दोहा-चौपाई शैली को भी। प्रतीक एवं बिंब विधान की दृष्टि से तो इनका 'पदमावत' एक महाकोश के समान है।

बड़ी कोमलता और काव्यमयता के साथ उन्होंने हिंदू-मुस्लीम के बीच एक अजनबी पन को मिटाने का प्रयास किया। जायसीमें रहस्यवाद भी दिखाई देता है। अन्य सूफी कवियों समान जायसी प्रेमिका को परमात्मा का प्रतिक माना है। प्रेमी को आत्मा का प्रतिक माना है। इनके रहस्यवाद पर भारतीय अद्वैतवाद की भी झलक दिखाई पड़ती है।

अंत में यह कहा जा सकता है कि प्रेमाख्यान काव्य-परंपरा में जायसी का स्थान अत्यंतम है। बाबू गुलाब राय के शब्दों में "जायसी महान कवि है, उसमें कवि के समस्त सहज गुण विद्यमान हैं। उसने सामायिक समस्या के लिए प्रेम की पीर की देन दी। उस पीर को उसने शक्तिशाली महाकाव्य के द्वारा उपस्थित किया। वे अमर कवि हैं।"

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आई, ती तूच आहेस!

कु. रुपाली वि. कलकर्णी, तृतीय वर्ष, कला

ती आठवणी जपणारी,
ठेच लागल्यावर फुंकर घालणारी,
अश्रूंच्या खडकांवर हास्याचा झरा होणारी,
एकटेपणा वाटल्यावर नाती जोडणारी,

आई, ती तूच आहेस!

अंगावर ऊबदार पांघरूण घालणारी,
झोपल्यावर स्वप्नात येणारी,
कोवळ्या उन्हाणे उठवणारी,
प्रत्येक क्षणी बरोबर राहणारी

आई, ती तूच आहेस!

अथांग विश्वाच्या वाळवंटात वाट दाखवणारी,
अविश्वासाच्या दुनियेत विश्वास शिकवणारी,
अनिश्चिततेच्या जंगलात खात्री देणारी,
जीवनाच्या वळणां-वाटांवर मदत करणारी,

आई, ती तूच आहेस!

आयुष्याच्या प्रत्येक ऋतूत साथ देणारी,
आई, ती तूच आहेस!

● ● ●

Theory of Primes

Mr. Mehboob Baywan (F.Y.B.Sc. A)

The real number system is one of the fundamental concepts in Mathematics. The branch of calculus is entirely based upon the real number system. There are different types of number systems. - i) Natural numbers ii) rational number & irrational numbers & prime numbers are one of them.

Primes :- A non-zero integer p ($\neq \pm 1$) is called prime. it has no divisions other than ± 1 & $\pm p$.

The first ten prime number are as follows :

2,3,5,7,11,13,17,19,23,29

The property of primality is known because of being a prime. Two is the only even prime number, the term odd prime refers to any prime greater than two. The study of prime numbers is a part of number theory. Prime numbers have been the subject of intense research, yet some fundamental question such as the **Reimann hypothesis** & the **Goldbach conjecture**. The problem of modelling the distribution of prime numbers is a popular subject of investigation for number theorists.

In **ring theory** a branch of 'abstract

algebra the term **prime element** has a specific meaning. Here a non-zero non-unit ring element is defined to be prime, when a divided be for ring element b & c with this meaning, the additive inverse of any primek number is a also prime. When we considering set of integers as a ring. -7 is a prime element. But for more simplification "prime number" considered means a positive interger prime.

History of prime number

The ancient Egyptians that they had some knowledge at prime numbers. Their Expansion of in the Rhind papyrus has quite different forms for primes & composites.

Ancient Greeks Euclid elements contain Important theorems & the fundamental theorem at arithmetic. After the Greeks in 17th century In 1640. **Pierre defermat & Fermat's little theorem.**

$2^{2^n} + 1$ are prime they are called **Fermat** numbers & he verified this $n = 4$. The French monk Marin Mersenne looked at primes of the form $2^p - 1$ with p a prime

Euler's work in number theory he show

infinite series $1/2 + 1/3 + 1/5 + 1/7 + 1/11 + \dots$ is divergent.

Primality of one

Until 19th century, most mathematicians considered the number 1 a prime with the definition being just that a prime is divisible only by 1 & itself but not specific number is required for distinct divisors.

Prime divisors :

Prime can be considered the "basic building block" of the natural number. The fundamental theorem of arithmetic states that every positive integer larger than 1 but it can be written as a product of one or more primes in a way which is a unique.

eg:- $23244 = 2^2 \times 3 \times 13 \times 149$

Properties of primes

1) The value of the Riemann zeta function at each point in the complex plane is given as a meromorphic continuation of a function is a product over the set of all prime. $\text{Re}(s) > 1$

$$\zeta(s) = \prod_p \frac{1}{1 - p^{-s}}$$

Evaluating different integers by using above formula.

$$\prod_p \frac{1}{p} = \frac{1}{2}$$

$$\prod_p \frac{1}{p^2} = \frac{6}{\pi^2}$$

2) The characteristic of every field is either zero or prime number

3) If $p > 1$ the polynomial $x^{p-1} + x^{p-2} + \dots + 1$ is irreducible over \mathbb{Z}_p/\mathbb{Z} if p is prime.

4) If G is a finite group & p^n is the highest power of the prime which divides the order $|G|$, G is subgroup of order p^n

5) If p is a prime & $p \nmid (a_1, a_2, \dots, a_n)$, then $p \nmid a_i$ for at least one i ($1 \leq i \leq n$)

6) If $a (\neq \pm 1)$ be any non-zero integer. Then $a = \pm p_1 p_2 \dots p_k$. Where p_i 's are primes.

7) There are **arbitrarily large gaps** in the sequence of primes.

1) Prime number theorem :

It describes the asymptotic distribution of the prime numbers.

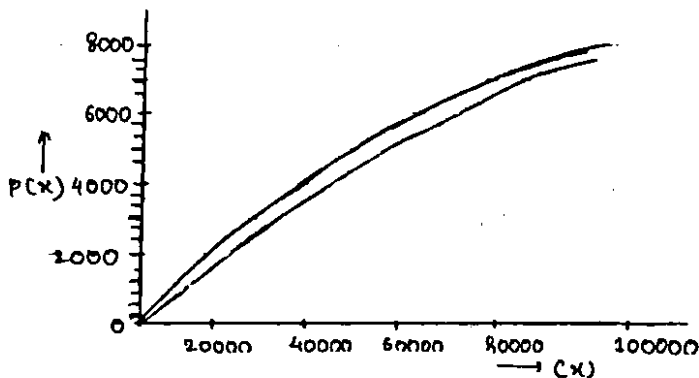
Statement :- Let $\pi(x)$ be the prime counting function that gives the number of primes less than or equal to x for any real number eg $\pi(10) = 4$ because there are four prime numbers (2, 3, 5, 7) less than or equal to 10

Two functions $\pi(x)$ and $x/\ln(x)$ as x approaches infinity is 1 which is expressed by the formula.

$$\lim_{x \rightarrow \infty} \frac{\pi(x)}{x/\ln(x)} = 1$$

They are known as the asymptotic law of distribution of the prime number. The notation of this result as

$$\pi(x) \sim \frac{x}{\ln x}$$



Graph comparing $\pi(x)$ red, $x / \ln x$ is green.

2) Complexity of primality Testing

- Number of digit of a natural number $n / \log n$
- polynomial algorithm (algorithm of class p) - number of step for input n is $O(\log n)$ for some k .
- Sieve of Eratosthenes.

No. of steps =

$$p \sim n^{\frac{\log n}{\log p}} \quad \pi(n) \sim \frac{\log n}{n}$$

3) The Ansatz :

Each necessary criterion for primality of n is little termat.

$$a^n \equiv a \pmod{n}$$

For a not divisible by n . for fixed a powering needs $O(\log n)$ eg. $n = 2^d$ use.

$$a^n = ((a^2)^2)^{\dots}^2 \quad (d \text{ many } 2)$$

Carmichael numbers : $a^n \equiv a \pmod{n}$ for all a relatively prime to n .

eg. $561 = 3 \cdot 11 \cdot 17$

But this theorem, given let a be

relatively primeton, then n is a prime iff

$$(x + a)^n \equiv x^n + a \pmod{n}.$$

Proof:- assume n is composite. Let P be a prime dividing n . say p .

$$\frac{n}{p} \frac{p^n (n-1) \dots (n-P+1)}{(p-1)!}$$

4) Aks theorem

Let s be a set of integers such that a is relatively prime to n for all pairwise different a in s .

Let r be a prime not dividing n & such that $n^{cr-1/a} \equiv 1 \pmod{r}$ for some prime q .

$$(x^h)^n \equiv x^n + b \pmod{x^r - 1}$$

Proof : Let p be a prime divisor of n such that $p^{(r-1)/q} \equiv 1 \pmod{r}$

we want to show that n is a power of p choose. $(\ell_1, \ell_2) = (j_1, j_2)$

$$0 \leq \ell_1, \ell_2, j_1, j_2 \leq \square$$

$$r \square, t = n^{\ell_1}, p^{\ell_2} = n^{j_1} p^{j_2} = t_2 \pmod{r}.$$

$t_1 = t_2$. This clearly implies that n is power of p

Let k be the field obtained by adjoining a primitive r th root of unity. Say S or Say F_p . degree n of k over F_p equals the order p mod r .

Since $\frac{r-1}{n}$ but does not divides $\frac{r-1}{q}$

then we deduce that $\frac{h}{q}$

$$\text{then } \delta_1^{t_1} \delta_2^{t_2}$$

by assumption. $(\delta_1 a_1)^{t_1} (\delta_2 a_2)^{t_2}$

If G denotes subgroup of k then generated by $\delta a \in G/(t_1-t_2)$

5) Euclid's Lemma : If p is prime & a, b are integers such that $p|ab$ then either $p|a$ or $p|b$.

Proof: If $p|a$ then the theorem obvious
If $p \nmid a$, then $(p, a) = 1$ $\exists x \& y$ such that $1 = px + ay$

multiplying both sides by b , we get

$$b = (px)b + (ay)b.$$

$$b = p(xb) + (ab)y$$

$$b = p(xb) + ky \quad 1|p|ab \text{ we have } ab = pk \text{ for } k \in \mathbb{Z}$$

$$p \mid b$$

Hence $p|ab =$ either $p|a$ or $p|b$

6) Unique factorization theorem :
Every integer $a > 1$ can be expressed as a product of positive primes. This factorization is unique

Proof: If we take $a = 2$

If $a = 2$. If ' a ' is a prime then integer itself stands as product of single factor. If a is not prime, then it is a composite.

Let $a = P_1, P_2, \dots, P_k$ & also $a = q_1, q_2, \dots$ be two prime factorizations.

So we have

$$P_1, P_2, \dots, P_k = q_1, \dots, q_2, \dots, q_r$$

therefore $p_i / (q_1, q_2, \dots, q_r)$

p_j / a_j for at least one j , $(1 \leq j \leq r)$ so p_j & a_j both are prime. hence $P_1 = a_j$

7) The number of primes is infinite.

That is, there is no end to the sequence

of primes 2, 3, 5, 7, 11, 13,

proof : suppose there are only finite prime numbers. P_1, P_2, \dots, P_k then form the numbers

$$n = 1 + p_1 \cdot p_2 \cdot \dots \cdot p_k \dots \dots \dots (I)$$

If p_i / n , $n = p_i r$ for $r \in \mathbb{N}$ so that from (I)

$$1 = p_i r - p_1 p_2 \cdot \dots \cdot p_k = p_i (r - p_2 \cdot p_3 \cdot \dots \cdot p_k)$$

we show that $p_i / 1$ which is impossible since p_i is prime. therefore $p_i \nmid n$. similarly p_2, p_3, \dots, p_k cannot divide n . Hence any prime number n is distinct from p_1, p_2, \dots, p_k .

This process can continue no. of times hence there infinitely many primes.

Special types of primes from formulas for primes.

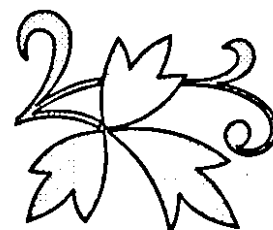
A prime is called factorial if it is of form $n! \pm 1$

The first factorial primes are :

$n! - 1$ is prime of $n = 3, 4, 6, 7, 12, 30, 32, 33, 38, 94, 166$ (sequence A002982)

$n! + 1$ is prime of $n = 0, 1, 2, 3, 11, 27, 41, 73, 77, 166$ (sequence A002981)

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Theory of Primes

Mr. Gaurav Patil (XI E)

Kroncker once fashioned a memorable statement, 'God created the natural number & all the rest is the work of mortals.' No doubt, how he made the natural numbers still awes us, humans. Each natural number can be written as a product of primes. Essentially, primes are the building blocks of Natural Numbers.

Prime numbers are those natural numbers greater than one, who have no other divisors, except for one & itself in natural numbers. These numbers have been intriguing people, as lot before the 3rd Century B.C.

Although some hints in the Egyptian records suggest that they had some knowledge of Prime Numbers, an explicit study of prime numbers was first carried out by Greeks. Euclid carried out extensive study on Prime Numbers & compiled them in a book called Euclid's Elements. He established many results, most, important of them being that there are infinitely many primes. Another approximate contemporary, Erathosthenes, give a simple algorithm to find out primes upto a given natural number. This algorithm has been named as the sieve of Erathosthenes.'

After the 3rd century B. C. the study of number theory in general came to an abrupt pause. Not until the 17th century A. D. was the study of primes revived completely. Fermat a well-known amateur mathematician of all times, held many secrets of prime numbers & exposed a few to the following generations. Most of his results were published after his death by his son Samee. Posterity wished that the margins of the books in those times were larger or that Fermat was little less secretive of his results and methods. Pierre De Fermat's little theorem was a significant discovery in the properties of primes. A century later Wilson found a beautiful result regarding primes. This result was named as the Wilson's Theorem in his honour.

After this revival number theory progressed at the speed of light. Different types of prime now commanded attention of the leading mathematicians. Mersenne studied primes which when added one give a perfect power of two. Such primes are called Mersenne primes. Sophie Germain studied primes such that p and $2p+1$ are both primes. These are called Sophie Germain primes. Fermat was also, fascinated by numbers called Fermat Numbers.

1	2	3	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	sieve of
61	62	63	64	65	66	67	68	69	70	Erathosthenes
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

Carl Fridrich Gauso, a perfectionist, took up the task of proving major intuitive results which were taken to be granted by the contemporary mathematicians. The most important of these was the fundamental theorem of Arithmetic. The Fundamental Theorem of Arithmetic states that every natural number can be expressed as a product of primes, uniquely. Gauss also worked out many other results but he was always reluctant to publish

In the last 2 centuries, Leonard Euler contributed a lot to number theory & primes. Lucas generalized Fermat's Little theorem to a test of primality. Ramanujan studied the zeta function & gave some conclusive results on it.

Many people question the applications of this theory. They do not know that they owe their sound sleep at night to the prime numbers. As prime numbers gained wide application in Cryptography, they have allowed us to secure secret messages.

Also, the zeta function in number theory may bear a significant relationship with the energy levels of quantum systems.

Prime numbers & their magic hypnotised many artists & writers as well. The French composer Debussy used prime numbers to create unpredictable rhythms. The novel *Quixote* was dedicated to the mesmerizing effect of the prime numbers.

As the theory progressed, so did its open ends increase. The larger the theory grew, the more mystic it stood. Thus, there are a lot of unsolved questions who haven't solution at the moment. Also whenever a solution to a previous question is discovered it raises many other questions. Thus, the theory of primes is neverending

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Green Chemistry

Rucha Dugge (XI F)

What waste is created when you buy and consume a bottle of soda? Is the plastic bottle, which you can recycle, the only waste? What are the negative environmental effects associated with this bottle of soda? The bottle is not the only waste. When considering the effect that the bottle of soda has on the environment you must think about the process of creating the bottle of soda. What waste was created when the plastic bottle was made? What chemicals were used and how were these chemicals made? How much electricity and water was needed? What about in the making of the soda? Is that it? No, we can take this a step further. The bottle still has to be disposed. What is needed to recycle the bottle? What chemicals and waste were made? Green chemists examine the entire process used to make a product and try to improve it.

Chemistry has improved our quality of life, and made thousands of products possible. Unfortunately, this achievement has come at a price : our collective human health and the global environment are threatened. Our bodies are contaminated with a large number of synthetic industrial chemicals, many of which are known to be toxic and carcinogenic while others remain untested for their health effects. They come to us from unlabeled products, chemically contaminated food, air, water and dust. Many chemicals work their way up the food chain and circulate round the globe :

pesticides used in the tropics are commonly found in the Arctic; flame retardants used in furniture and electronics are now commonly found in marine mammals. Yet as cancer rates rise and evidence increases about the link between certain chemicals and birth defects and learning disabilities our regulatory system has been unable to make chemical producers provide full testing information or promote inherently safer chemicals. While some efforts are underway to overhaul chemicals policy, the focus must also be on overhauling the way chemicals are designed from the outset. This is what Green Chemistry sets out to do.

Green Chemistry is the use of chemistry for the prevention of chemical pollution to the environment by using chemicals that are benign, or not harmful. Green chemistry results in reduced waste, safer outputs, and reduced or eliminated pollution and environmental damage. Green chemistry encourages innovation and promotes the creation of products that are both environmentally and economically sustainable. Green chemistry applies across the life cycle, including the design, manufacture, and use of a chemical product. Green chemistry technologies provide a number of benefits, including reduced waste, eliminating costly end-of-the-pipe treatment, safer products, reduced use of energy and resources, improved competitiveness of chemical manufacturers and their customers. As a chemical philosophy, green chemistry derives from

organic chemistry, inorganic chemistry, biochemistry, analytical chemistry, and even physical chemistry. However, the philosophy of green chemistry tends to focus on industrial applications. Click chemistry is often cited as a style of chemical synthesis that is consistent with the goals of green chemistry. The focus is on minimising the hazard and maximizing the efficiency of any chemical choice. It is distinct from environmental chemistry which focuses on chemical phenomena in the environment. Research is currently ongoing in the area of supra-molecular chemistry to develop reactions which can proceed in the solid state without the use of solvents. This approach to the protection of human health and the environment represents a significant departure from the traditional methods previously used. Although historically societies have tried to minimize exposure to chemicals, green chemistry emphasizes the design and creation of chemicals that are not hazardous to people or the environment. It has been applied to a wide range of industrial and consumer goods, including paints, dyes, fertilizers, pesticides, plastics, medicines, electronics, dry cleaning, energy generation, and water purification.

At the heart of green chemistry is the recognition that hazard is simply another property of a chemical substance. Properties of chemicals are caused by their molecular structure; they can be modified by changing that structure. The types of hazards that can be addressed by green chemistry vary. They include physical hazards, toxicity, or global hazards (climate change or stratospheric ozone depletion).

Therefore, in the same way that a substance can be designed to be red or hard, it may also be designed to be nontoxic. The Environmental Protection Agency (EPA) states that the mission of Green Chemistry is, "To promote innovative chemical technologies that reduce or eliminate the use or generation of hazardous substances in the design, manufacture, and use of chemical products," Green Chemistry contains any aspects and types of chemical processes that reduce the negative effects of certain chemicals, in a way, using chemistry to fight chemistry.

Green Chemistry started after the Pollution Prevention Act of 1990 was passed. The office of Pollution Prevention and Toxics (OPPT) began to develop ways to make chemical products and processes less hazardous to humans and the environment. There are many principles of Green Chemistry; to prevent waste, to use less hazardous chemical synthesis, design safer chemicals and solvents, make chemicals more energy and cost efficient, reduce derivatives and toxins, prevention of pollution, and accident reduction.

The late sixties and early seventies were times when the environment received a great deal of attention including the formation of the Environmental Protection Agency (EPA) and the celebration of the first Earth Day, both of which occurred in 1970. In the intervening years in excess of 100 environmental laws have been passed. While these laws have accomplished a great deal in terms of improving our environment by controlling our exposure to hazardous substances, we still have a long

way to go.

Green chemistry has gained a strong foothold in the areas of research and development in both industry and academia. Examples of green chemistry/technology that have been developed encompass most of all areas of chemistry including organic, biochemistry, inorganic, polymer, toxicology, environmental, physical, industrial etc.

The journal Green Chemistry made its debut in 1999, the Green Chemistry Institute was recently created and the Presidential Green Chemistry Challenge Awards were established in 1995.

The Presidential Green Chemistry Challenge Awards were announced in 1995 by the Clinton administration and the first awards were presented in 1996. These awards are a means of recognizing outstanding achievements in applied green chemistry/technology and are the awards in chemistry given out on the presidential level.

The 12 principles of green chemistry are minimize waste, minimize the spread of toxic materials, promote non-persistent chemicals in the environment, minimize the potential for accidents, maximize the percentage of incorporation of materials used into the final product, preserve the efficiency of function while reducing toxicity, minimize the use of auxiliary substances, minimize the use of derivatives, maximize the use of catalytic processes, Develop appropriate analytical methodology.

From the Green Chemistry principles the Green Engineering principles that follow were developed. The principles focus one's thinking in terms of sustainable design

criteria and have proven time and again to be the source of innovative solutions to a wide range of problems. Systematic integration of these principles is key to achieving genuine sustainability for the simultaneous benefit of the environment, economy, and society. The 12 Principles of Green Engineering can be used to re-engineer entire systems. The Principles are integrated and hence must be applied in whole, rather than in isolation, to achieve significant outcomes. Green Chemistry and Green Engineering are fields that provide a sophisticated tool kit to help achieve radical resource productivity. The new processes are less harmful to the environment. Often this means that the new processes are safer for workers, less expensive, more energy efficient, and require fewer materials.

One example of the difference between traditional chemistry and green chemistry is the use of petroleum. Today's chemical industry relies almost entirely on non-renewable petroleum as the primary building block to create chemicals. This type of chemical production typically is very energy intensive, inefficient, and toxic—resulting in significant energy use, and generation of hazardous waste. One of the principles of green chemistry is to prioritize the use of alternative and renewable materials including the use of agricultural waste or biomass and non-food-related bio-products. In general, chemical reactions with these materials are significantly less hazardous than when conducted with petroleum products. Other principles focus on prevention of waste, less hazardous chemical syntheses, and designing safer chemicals including safer solvents. Other

focus on the design of chemicals products to safely degrade in the environment and efficiency and simplicity in chemical processes.

Chemists and chemical engineers applying green chemistry look at the entire life cycle of a product or process, from the origins of the materials used for manufacturing to the ultimate fate of the materials after they have finished their useful life. By using such an approach, scientists have been able to reduce the impacts of harmful chemicals in the environment. Research and development in the field of green chemistry are occurring in several different areas. Some plastic products can now be made from plant sugars from renewable crops, like corn, potatoes and sugar beets instead of non-renewable petroleum. Bioengineering is also seen as a promising technique for achieving green chemistry goals. A number of important process chemicals can be synthesized in engineered organisms, such as shikimate, a Tamiflu precursor which is fermented by Roche in bacterial.

The detection, measurement, and monitoring of chemicals in the environment through analytical chemistry have long been a tool for environmental protection. Instead of measuring environmental problems after they occur, however, green chemistry seeks to prevent the formation of toxic substances and thus prevent such problems. By making sensors and other instruments part of industrial manufacturing processes, green analytical chemistry is able to detect even tiny amounts of a toxic substance and to adjust process controls to minimize or stop its formation altogether. In addition,

although traditional methods of analytical chemistry employ substances such as hazardous solvents, green analytical methods are being developed to minimize the use and generation of these substances while conducting analysis.

In addition, many companies have found that it can be cheaper and even profitable to meet environmental goals. Profits derive from higher efficiency, less waste, better hazardous chemicals, and following all these requirements can be complicated. But green chemistry allows companies to comply with the law in much simpler and cheaper ways. Finally, green chemistry is a fundamental science-based approach. Addressing the problem of hazard at the molecular level, it can be applied to all kinds of environmental issues. Green chemistry is a highly effective approach to pollution prevention because it applies innovative scientific solutions to real-world environmental situations.

In 2000, Daryle Busch, former president of the American Chemical Society said "Green chemistry represents the pillars that hold up our sustainable future. It is imperative to teach the value of green chemistry to tomorrow's chemists. It is clear that many industries and the research of many academics recognize the significance of green chemistry. However very little discussion of green chemistry has found its way into the chemistry curriculum. The need to make a concerted and sustained effort to green the curriculum so that future chemists are taught to "think green" should be recognized.

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Contributions of Indian Statisticians



Miss Shweta Jadhav (T. Y. B. Sc. Statistics)

In India there are great people who contributed in Statistics. In 20th Century Prof. P. C. Mahalanobis and Dr. C. R. Rao Dr. R. C. Bose, Dr. Basu.

'Indian Statistical Institute' is great institute of statistic people. Statistic is very interesting subject. These great human being done crucial work in Indian as well International level.

P. C. Mahalanobis (1893-1972)

Prashant Chandra Mahalanobis was outstanding statistician of our country. He founded Indian Statistical Institute and remembered for Mahalanobis distance, a statistical measure.

Mahalanobis belonged to Bengali family. He received B. Sc. (Physics) in Calcutta. In Cambridge he done research on physics. When he back to India took interest in statistics. In 1931, Mahalanobis set up Indian Statistical Institute. Mahalanobis also founded Sankhya The Indian Journal of Statistics.

Mahalanobis was interested in mathematical statistics and its applications. His main contribution was to perfect the technique of sampling. He used sampling technique for socio-economic data, consumer expenditure, public opinion, etc. Mahalanobis did pioneering work in the designing of sample surveys, organisation of field work and tabulation records. He was architect of independent India's industrialisation strategy that was embodied in the second Five year plan (1956-61)

We can say that he was first statistician from Indian in international statistical circle. He also established the National sample survey (N. S. S.) Many societies, institutes

and universities given him doctorate and gold medals. And government of India given him in 1968 Padma Vibhushan. He has written more than 270 research papers. And he searched great statistician for I.S.I. so he developed statistician for new India.

Dr. C. R. Rao (1920)

Calyampudi Radhakrishna Rao is the one of brightest stars in the Indian sky of statistics and mathematics. An exceptional academician, he is dedicated soul in the development of statistics.

Rao earned M. A. in mathematics in Andhra University, M. A. Statistics in Calcutta university and Ph. D at Cambridge University. He has received 27 honorary doctoral degrees from colleges and universities in 16 countries on 5 different continents, including 7 from Indian only.

He was statistician in ISI (Indian Statistical Institute) He has experience at universities of U.S. and U. K. including Cambridge, Pennsylvania, California of 20 years.

The Times of India (newspaper) chose Rao as one of the top ten scientists of modern India considering work done by each scientist.

He is an inspiring teacher and has guided the research work of numerous students. He was president of like Indian Econometric Society and International Statistical Institute. He has worked with famous statisticians like Blackwell, Fisher, Neymann, Hamming. He is author of over of dozen books and hundreds of research publications in prestigious journals.

Among his best-known discoveries are the Cramer-Rao bound and the Rao-

Blackwell theorem related to estimators. He contributed to estimation theory, statistical inference, linear models, multivariate analysis, Combinatorial design, biometry, mathematical genetics, generalized matrix inverses, functional equations. He has done research on different subjects including engineering. He discovered numbers of theorems. Dr. Rao's own contribution to econometrics and development of econometric research in India.

Dr. C. R. Rao was awarded Padma Vibhushan by Government of India. U. S. president George W. Bush on 12 June 2002 awarded him the United States National Medal of Science that nation's highest award for lifetime achievement in scientific research. And he got many more awards and medals by different institutes. He got S. S. Bhatnagar prize and Guy Medal in Silver of Royal Statistical Society.

Dr. R. C. Bose (1901 - 1987)

Raj Chandra Bose was well-known mathematician and statistician best known for his work in design theory and the theory of error-correcting codes in which the class of BCH codes is partly named after him.

R. C. Bose was born in Hoshangabad. He completed M. A. in pure mathematics at the University of Calcutta. He published his work on the differential geometry of convex curves. The development of a mathematical theory of design would be Bose's main aim. In university of Calcutta Bose became head of the department of statistics. He published his papers on multivariate analysis and design of experiments was awarded D. Litt in 1947. He did important work on coding theory. He accepted a chair at Colorado State university. He disproved famous conjecture made by Leonhard Euler after 175 years.

Dr. Damodar Dharmananda Kosambi (1907 - 1966)

Many great minds are experts in the

subjects of their choice, Rare are the Kosambi's who gain mastery over a variety of fields.

He did studies in Cambridge University. As statistician, D. D. Kosambi successfully forecasted the yield of crops in China and developed methods of quality control of industrial goods. He postulated the freshly minted coins of approximately the same weight lose weight as they are handled.

He was an allrounder. He has given great contribution to study of coins using mathematics and statistics. He also got national peace prize. From Alexander, Chandragupta Maurya to recent Indian coins he has done research.

Dr. P. V. Sukhatme (1911 - 1997)

Pandurang Vasudeo Sukhatme was an eminent statistician. He did his work in agricultural field.

P. V. Sukhatme taken education in Pune. He studied Ph. D. and D. Sc. in London for his work on bipartitional functions. He worked on application of statistical methods in study problems relating to agricultural production nutrition and health. He developed several statistical methods for preliminary sampling of crops to gather crucial information. He developed theory of non-sampling errors.

Prof. Sukhatme is well known in this field for the Sukhatme-Margen hypothesis which in plain language implies the low level of caloric intake, energy metabolic efficiency.

Sukhatme was awarded the 'Guy Medal' by Royal Statistical Society for his paper on nutrition. He got fellowship of different institute of Indian and foreign institute. He was awarded Padma Bhushan by the president of India in 1973. He was awarded the Hari Om Ashram Thrust Award by university Grants Commission in 1983.

Debabrata Basu (1913 - 2001)

Debabrata Basu was an Indian statistician, who specialised in the foundations of statistics. Basu's theorem on the independence of a complete sufficient statistic and an ancillary statistic was given in a paper in 1955.

Debabrata Basu studied mathematics at Dacca University. Following the partition of India 1947 Basu made trips to India to Calcutta university. joined ISI as research scholar with C. R. Rao. Basu experimented with the likelihood principle but from around 1968 he settled for being a Bayesian. After teaching at the Indian Statistical Institute Dr. Basu moved to the United States and taught statistics of Florida State University from 1975 to 1990 when he was made an emeritus professor.

Dr. S. S. Shrikhande (1917)

Sharadchandra Sankar Shrikhande has notable work for his work along with R. C. Bose and E. T. Parker in their disproof the famous conjecture made by Leonhard Euler in 1782.

He born in Sagar, Madhya Pradesh. Shrikhande was in Banaras Hindu University, head of mathematics dept. In Mumbai University Currently he is in Michigan.

His speciality was combinatorics and statistical designs. He is known for Shrikhande graph which is used in balanced incomplete block designs for experiments. He published different papers. Shrikhande and his students written many papers on combinatorics Indian national science Academy. Indian Academy of Sciences given him chair person

Dr. Vasant Shankar Huzurbazar (1919 - 1991)

Dr. Vasant Shankar Huzurbazar was great scientist in statistics. He was interested in his own research in mathematics, logic, statistics and other.

He completed his College in Kolhapur. He done research in Cambridge. Dr. Herold Jefrij was his guide.

Dr. Huzurbazar was doing work on probability and sufficient statistics and likelihood equation. He published research papers on different subjects.

Huzurbazar was Head of department of mathematics and statistics (1953 - 1979) in University of Pune. He done important and great work for these departments. He developed these departments as research centre. So he got PadmaBhushan (1974) by Government of India.

Dr. Vidyadhar Godambe (1926)

Dr. Vidyadhar Godambe from past 50 years known as great statistician on international level. He done great research in Sampling. Canadian Academy of the sciences and humanities selected him as honorable person (2002)

Dr. Godambe taken post graduation from Pune University. When he was in Bureau of economics and statistics he published his six research papers. He completed Ph. D. in London. He done work on Optimality criterion of estimating function. In Canada he researched on sampling from finite population.

Dr. Godambe invited from many universities for teaching. He got fellowship from different universities and institutes.

Some Great Contributors In Statistics
Ganesh Vyankatesh Joshi (1851 - 1911)

Dr. Vinayak Govind Panase.

Debabrata Bhirav Lahiri

Dr. Vinayak Mahadev Dandekar

K. R. Nair

Gopinath Kalyanpure

R. R. Bahaddur

S. N. Roy

and many others.

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Junior College

Preface

In the academic year 2008-2009, the Junior College witnessed spectacular achievements in academic, sports, co- curricular activities. The main aim and objective of the Junior College Wing (Arts, Science and Commerce) is to promote and motivate a better academic standard of students. We would like to take a brief review of the success of the Junior Wing.

Administration Authorities

Hon Dr. Rajendra Zunjarrao	Principal
Hon. Prof. Jagdish Chinchore	Vice principal
Hon Prof. Mahendra Gohel	Supervisor

Total Number of students

XI Commerce	503	XII Commerce	475
XI Science	580	XII Science	530
XI Arts	170	XII Arts	160
XI Arts (E. M.)	40	XII Arts (E. M.)	40

H. S. C Examination Feb / March -2008 (Subject First)

Kaulagi Ajinkya	Physics
Thakur Rajan	Biology
Narooka Raunaksing	Computer Science
Gadekar Kranti	Electronics
Kauza Karipal	(Information Technology) Science
Durve Gayatri	(Information Technology) Commerce

College Examinations

Shinde Ashwini	Arts	First in all subjects
Raj Mhatre	Commerce	First in all subjects
Luniya Rupali	Science	First in mathematics
Charulata Dabhade	Commerce	First in B. K. (99 / 100)

Scholar Batch- A Renowned Activity

The special scholar Batch of Science, Arts, and commerce is being conducted from the last twenty one years. Students are selected for these scholar batches of each faculty. Teachers take lots of efforts in the summer vacation and teach the students. Normally the students of scholar Batch do not join any coaching class outside.

Teachers teach to Scholar batch

Science Scholar batch

Mrs. A. A. Satbhai (Co-ordinator)	Mrs. S. B. Rathod	Mr. B. W. Bhome
Miss. S. Gaitonde	Mr. R. N. Ingole	Mr. S. J. Karekar
Mrs. K. B. Rajadhyaksha	Mrs. Sangita Nighot	Mr. M. G. Gohel
Mrs. S. K. Barve	Mr. A. A. Khandagale	Mrs. M. B. Shinde
Mrs. Manisha Mandhare	Mr. Sunil Doiphode	Miss. Asha Saqar
Prof. A. V. Rayarikar (H.O.D. Maths Dept)	Mrs. Charulata Butata	Prof. J. J. Pawar
Mr. Jaiprakash Dashputre	Mrs. Sanjeevani Kuwalekar	

Commerce Scholar Batch

Dr. Mrs. S. S. Karve (Co-ordinator)	Mrs. Rekha Agashe	Mrs. Veena Nargund
Mrs. Suneeta Gosavi	Mrs. Kanchan Rajadhykshe	Mrs. Sanjeevani Gharpure
Mr. Rajeev Kulkarni	Miss. Sujata Gaitonde	Mr. Sunil Doiphode
Mrs. Vandana Joshi	Mrs. Vaishali Gurjar	Mrs. Sanjeevani Kuwalekar

Arts (E.M.) Scholar Batch

Mrs. Beena Muttalgiri (Co-ordinator)	Mrs. Rex	Mr. R. V. Kulkarni
Mr. Vinod Suryawanshi	Mrs. Ketki Bhalerao	Mrs. Iyshwarya Iyear
	Mrs. Sanjeevani Kuwalekar	

Passing Percentage (H.S.C. Board Exam)

XII Science	87%
XII Arts	85%
XII Commerce	82%

MH- CET conducted by M. C. C. G.

Conducted three extra MH CET pattern Tests in July, Nov- 2008 and Jan 2009. 95% students appeared. For languages, extra H. S. C. pattern tests were conducted. Mr. B. W. Bhome is the in- charge of MH CET exams. 450 students had taken admission for MH- CET

Activities conducted by the Scholar Batches

Science Scholar Batch

Special guidance lectures -

Hon Prof Mrs. Jyotsna G. Ekbote. Dept. of Zoology, Fergusson College Chairperson, Modern College Local Management Committee.

Hon- Prof. A. V. Rayrikar. Head of the Dept. of Mathematics. Modern college.

Hon- Prof Mrs. Fulambrikar. Dept. of Botany, Aabasaheb Garware college

Hon Prof. B. W. Bhome. Dept. of Physics. Modern college.

Hon- Prof. J. J. Pawar. Dept of Physics Modern college.

Memorable Educational Tour- Modern college had arranged a special educational tour for science scholar batch. Prof. Amrita Satbhai (Co-ordinator) took special efforts to arrange this tour. Students visited GMRT at KHODAD-Vighnagar Sugar Factory, and OZAR GANESH TEMPLE. Prof. Jagdish Chinchore- Vice Principal, Science subject teachers and all scholar batch students have participated and enjoyed this tour.

Commerce Scholar Batch

Four students named Piyusha Mahadeokar, Abhilash Bhandari, Shridhar Kulkarni and Kaivalya Patil were sent to participate in National Debate Competition for XI and XII classes, conducted by Students Excellence Group Institute of Chartered Accountants of India, Pune Branch. Abhilash Bhandari was selected for regional level contest held at Mumbai and he won First Prize and Trophy. Mrs. Suneeta Gosavi guided him personally.

Mrs. Prajkta Bedekar delivered a speech on 'Share Marketing'.

Special movie show related to the subjects 'Sahakar and co-operative' society-named 'Manthan' was arranged with the help of National Film Archives. Prof.

Mrs. Suneeta Gosavi took a lot of efforts to arrange this show.

In any language, special efforts must be taken for pronunciation because it conveys the proper message to the learners. Prof. Mr. Rajeev Kulkarni arranged a film show- ' My Fair Lady ', based on Bernard Shaw's dreame Drama- 'Pygmalion'.

A power point presentation was arranged by Mrs. Suneeta Gosavi for Commerce scholar batch related to the subject 'Organisation of Commerce and Management.

Mrs. Sanjeevani Gharpure arranged a special programme on 'Commercial Banking'.

Mrs. Sanjeevani Kuwalekar German Teacher, has taken special efforts to develop the soft skills, communication skills, writing skills of German language. The essay competition named 'Parikatha' was also arranged by her.

The scholar batch students prepared 'Hastalikhit' under the able guidance of Mrs. Vandana Joshi.

Mr. Deepak Shah (Member of the Scholar Batch co-ordination committee non teaching staff) has given full co-operation.

Sports: Team events

Volley Ball Team	Runners up Consecutively second year.
Individual	Inter school events
Walawalkar Pratik	1 st Weight lifting selected for group
Chavan Sachin	1 st Karate, 2 nd Tqe - Kwondo
Botre Rahul	1 st Boxing
Yashashree Botre	1 st cycling zonal comp. state comp. selected for national.
Saurabha yadwar	1 st 400 mt- free strok, 2 nd 200 mt and 1500 mt free stroke swimming, state level.

Kamlesh Pardeshi	1 st 65 kg Karate sected for zone.
Sheetal Yadav	1 st Long Tennis Ladies Open Gold Medal (Hemachal Pradesh) 34 Ladies national competition.
Talekar Shayam	2 nd Tqe - Kwondo, 3 rd karate
Rohan More	2 nd Back stroke swimming Solapur state level competition. 1 Gold, 3 Silver, 1 Bronze Medals selected for nationals.
Amit Kumar	Latur open state level Badminton Comp. Member of Pune Team.
Shreyash Dhanwar	State level Roll Boll competition selected for Bangala Desh finals.
Rohit Dongaonkar	<div style="display: inline-block; width: 40px; height: 40px; border: 1px solid black; vertical-align: middle;"></div> <div style="display: inline-block; vertical-align: middle;"> <p style="text-align: center;">Volley Ball</p> <p>selected for zonal competition</p> </div>
Pallavi Goda	
Radhika Fulambrikar	
Pritam Naik	
Ankit Gothi	
Chetan Baramatkar	<div style="display: inline-block; width: 40px; height: 40px; border: 1px solid black; vertical-align: middle;"></div> <div style="display: inline-block; vertical-align: middle;"> <p>Net Ball state level representation</p> </div>
Sankalpa Gosavi	

Inter class Tournaments

Volley Ball	First	XI Commerce
Kabbadi	First	XII Commerce (H)
Foot Ball	First	XII- Science (E)

Arts Circle

Our Arts circle has also proved a notable achievement in the important events namely, Duet singing, Dance, Drama, Elocution, Mahaspardha- at college level. Prof. Dr. Mrs. Sushama Jog co-ordinator and the members of the Arts Circle have taken lot of efforts.

Competitative Exams

Science Olympiad Foundation

a) National Cyber Olympiad-	students registered	XI 12 + XII 06 = Total 18
b) National Science Olympiad-		XI 47 + XII + 08 = Total 55
c) International Maths Olympiad		XI 59 + XII + 06 = Total 65

Indian Association of Physics Teachers

Students Registered Physics 21, Chemistry 15, Biology 02, Astronomy 11,

Mac Millans International Assessment of Indian schools

English 05, Maths 01, Science 02

National Council of Educational, Research and participants.

NISE 2008

Monet Pravin Kishore
Kate Akshay Nivrutti
Chaudhari Pranav Vasant
Gosavane Ritu Milind
Harisangam Madhura Ajit

Selected for Award of Scholarship

College Toppers and Medal winners

Gaurav Digambar Patil XI Science

Selected for - Indian National Astronomy Olympiad (Senior) through National Standard Exam. in Astronomy (NSEA)

Qualified for - Indian National Olympiad in Informatics 2009 through Zonal Informatics Olympiad.

International Mathematics Olympiad Training Camp (IMOTC) through Postal Coaching.

XI National Science Olympiad

Aanand Prakash Bamb 96.01 Percentile Score (XI)

Pritam Ramesh Gaurd 98.02 (XII)

II International Mathematics Olympiad

Pranav Vasant chaudhari 96.23

Anubhav Alok Shrivastava 91.70

Indian Association of physics Teachers IAPT's

Abhijit Muley score 67

Prithviraj Rajebhosale - National standard examination in Biology - 1st in college

Subrajeet Deshmukh National standard examination in Astronomy 87,

National standard exam in chemistry.

Nihar Godbole 84 N.S.E.C.

Ankit Gudadhe 99 N.S.E.C.

II level exam XI National Science Olympiad

Pritam Ramesh Garud (XII) 257 All India Rank

Priya Shete (XII) 629

Aanand Prakash Bamb (XII) 758

National Service Scheme (N.S.S.)-

In the year 2008-2009 many programs were arranged by N.S.S.

N.S.S. Committee

Chairman Prof Jagdish Chinchore, Vice Principal

Advisor Prof Mansing salunke , Prof Mrs. Veena Nargund

Programme officers Prof Popatrao Salunke Prof Mrs. Sanjeevani Gharpure

Members-

Mr. Umesh Gavli	Mr. Wagh Walmik	Mr. Vinod Suryawanshi
Mr. Vilas Alhat	Mr. Avinash Patil	Mrs. Sunita Nighot
Mrs. Chabukswar	Mr. Gangurde	Mrs. Vandana Joshi
Mr. Manisha Mandhare	Mr. Rajendra Gaikwad	

Mr. Prakash Sable (Non Teaching Staff)

Mrs. Mangala Salunke (Non Teaching Staff)

- Inaguration of N.S.S. at the hands of Hon Principal Rajendra Zunjarrao, Vice principal Mr. Jagdish Chinchore

- College cleanliness Programme

- Kranti Din 9th August

- Independence Day 15th August

- N.S.S. Day

- Visit to Nehru Bal Sudhar Gruha, Industrial centre.

- Khande Navmi- Pooja

- Special winter Camp at Pimpri sandas , Tal- Haveli, Dist Pune (Poonam Mathpati selected as best volunteer. Omkar Sambare Best student Award.

Teacher's Achievements

Mr. Manisha Salunke (Dept. of Geography) -

Text books published 2008-9

XII Geography - Theory and Practical, English and Marathi

XI Geography - Theory

Secondary school books- 2 National open schooling Delhi

P.D.G.T.A. published 5 books

Lectures delivered- (Teacher training) Resource Person - Shrirampur, Satara, Ahmednagar, Pune

Special guidance lectures to students - Satara, Manchar, Pune

Participation in National Seminar Organised by Modern B.Ed (HI) college.

Study Tour- Pawar wadi- Aundh Satara

Dr. Mrs. Swati Karve- (Dept. of Marathi)

1) Late Cap Avinash Kelkar Puraskar Lalit writing

2) Sahitya Premi Diwali edition Shri Moharamwar Puraskar

3) 'Shatabadi'- Diwali edition Interview on SAM T.V.

4) Late Maltibai Dandekar Jeevan Gaurav Puraskar worked as a member of selection committee.

5) Striyanchi Shatapatre Project (1850 to 1950) project completed and published.

Mr. Dilip Khandale (Dept of Marathi)

- Aadarsh Shikshak puraskar Pune corporation

Mrs. Rekha Agashe, Mrs. Suneeta Gosavi, Mrs. Mangala Shinde selected as a author of Text Books prepared by Maharashtra State Board of secondary and Higher

Secondary education.

Mr. Jayant Jorwekar

- Selected as a representative of Maharashtra state Board of Secondary and Higher Secondary education. He worked as a chief Resource Person for N.C.F. document 2005, directed by N.C.E.R.T. - Bhopal (Jan 6 & 7)

- Appointed as a Co-ordinator of the Author Board Organisation of Commerce std XI and XII, prepared by Maharashtra Board.

- Selected as a chief Resource person for Teacher's In- service training to be held in the month of May 2009.

Mrs. Veena Nargund, Dept of Commerce, honoured by Best Teacher Award' given by Progressive education society.

Mr. Rajeev Kulkarni - won the Best vocal acting Prize in the inter-branch competition scheduled by progressive Education Society Platinum Jubilee year 2008-2009.

Mr. B.W. Bhome - Appointed as Chief Resource Person for in service Teacher's Training. He is also In-charge of MH-CET exams.

Mrs. Mangala Shinde (Dept of Botany) - Delivered lecture on 'Personality Development and Yog practices (Hujurpaga Commerce College arranged this lecture)

Mr. Mahendra Gohel (Dept. of Chemistry)

Selected as a Resource Person for in service Teachers Training

Excellent work done by German Teacher Mrs. Sanjeevani Kuwalekar

* Partner school for the future German Dept and PASCH have offered a donation of 10 computers, 10 Laptops, 1 T.V.set, 1 LCD player and 1 D.V.D. player etc, electronic instruments worth Rs. 4,00,000 to set up a language lab.

* A conference of Teachers in German and Heads of the institution at Colomby was held by Max Muller Bhavan (Goethe Institute) between 25 to 28 Jan 2009. It was attended by Mrs. Sanjeevani Kuwalekar.

* 29 Sep. 2008, a Feed back workshop on text book Themen Akutell (for classes IX to XII) was organized by Modern College Pune 5. Ms. Sophie Engel from Max Mullar Bhavan was the chief Guest. 25 teachers attended the workshop which was also led by the Principal and vice principal.

* A fairy competition for story writing and drawing was held on 23 Sep 2009, It was based on German fairy tales.

* Mrs. Sanjeevani Kuwalekar was awarded a Scholarship which invited her to Shwerin, Germany during 9th and 29th Nov. 2008, for an educational excursion.

- * On 10th Feb 2009, German Carnival Competition was held in Modern college Pune 5, in Assembly Hall.
- * Modern college students, Ms. Prajakta Gandhi, Madhavi Bijalani and Sampada Jawale will be visiting Germany for a youth Camp to be held there during 31st May to 20th June.
- * Prithvi Rajebhosale, Shridhar Kulkarni and Pranav Shirole have been chosen for a PASCH camp in the Himalayas.
- * Modern college will sign a Prestigious Memorandum of understanding on 22nd April 2009 and will become one among 1000 partner schools of PASCH Germany.

HEARTIEST CONGRATULATIONS

Our Vice - Principal, Prof Jagdish P. Chinchore has been appointed as a Secretary of our Progressive Education Society Pune- 5,

**Congratulations sir,
With Regards
All Junior College Teachers**

We offer our sincere thanks to Honourable Principal Dr. R.S. Zunjarrao, Prof A. G. Gosavi- visitor, Vice principal Dr. Y.R. Waghmare, Vice principal Dr. Mrs. Sulabha Deuskar, Vice principal Prof. S. S. Deshmukh, All Junior college Teachers, Registrar Mr. Ravindra kale, All office staff, Non teaching staff for their excellent co-operation.

Prof. Jagdish Chinchore
Vice Principal

Prof. Mahendra Gohel
Supervisor

Gaurav Patil's achievements
Medals in various Olympiads
German language 3 students selected for Himalaya trip a visit to Germany

About the MOU to be signed between PASCH : German School Partners for Future.

April 22, is a special day in the field of German Education which started in Pune in 1914. 9 schools and colleges, who will be accepted are Partners for the Futures".

The credit goes to German External Affairs Minister Mr. Frank Walter steinmeler. His dream was closely knit schools with 1000 partner schools abroad who want to give their children access to German language and education. The German Govt. spent 45 million pounds in one year for this purpose.

The Lucky Nine are

WE ARE PROUD OF YOU



Prof. Sanjivani Kuvalekar

Visited Germany
Under Academic Exchange
Programme



Dr. A. V. Kamble

Ph. D (Pune University)



प्रोग्रेसिव्ह एज्युकेशन सोसायटी द्वारा
'कानिटकर स्मृतिदिनी' दिला जाणारा
आदर्श शिक्षिका पुरस्कार (२००८-२००९)

प्रा. सौ. वीणा नरगुंद

वाणिज्य विभाग

मॉडर्न महाविद्यालय पुणे ५

Prof. Trupti Chaudhari

M. Phil (Statistics)
Pune University

Dr. Sanjeevani Rahane

Ph. D (Pune University)



प्रा. दिलीप खंडाळे

मराठी विभाग (कनिष्ठ)

आदर्श शिक्षक पुरस्कार

पुणे महानगरपालिका

२००८-२००९

Prof. P. G. Dixit

Appointed as
Deputy Secretary
P. E. Society, Pune 5
(2009-2013)

Dr. R. B. Barmukh

Ph. D Pune University

GLIMPSES



"Impact of Globalization on service sector in India"
या राज्यस्तरीय चर्चासत्राच्या उद्घाटन प्रसंगी संस्थेचे कार्याध्यक्ष मा.डॉ. गजानन एकबोटे,
डॉ. अशोक कोळसकर व प्राचार्य डॉ. राजेन्द्र झुंजारराव



P. G. Association

Chief Guest **Ms. Vandana Chavan**, Advocate & former Mayor of Pune.

Left is..... : Dr. Deuskar S. A. V. P. of P. G. Association.

Prin. Dr. R. S. Zunjarrao & Chairman of P. G. Association Ms. Parab Surekha

GLIMPSES



संख्याशास्त्र अभ्यासक्रम कार्यशाळा
श्री. फिरंगे एम. एस., परीक्षा नियंत्रक, पुणे विद्यापीठ



Dr. Y. R. Waghmare (V.P.) addressing the students at
Prize Distribution Ceremony of Commerce Association

GLIMPSES



मराठीच्या आंतरराष्ट्रीय चर्चासत्रासाठी इंग्लंडहून आलेल्या श्रीमती अश्विनी नातू यांचा सत्कार करताना नामदार हर्षवर्धन पाटील डावीकडून उपप्राचार्य जगदीश चिंचोरे, प्राचार्य डॉ. राजेंद्र झुंजारराव आणि पी.ई. सोसायटीचे अध्यक्ष डॉ. गजानन एकबोटे



मराठीच्या आंतरराष्ट्रीय चर्चासत्रामध्ये पुणे विद्यापीठाचे कुलगुरु डॉ. नरेंद्र जाधव यांचा सत्कार करताना पी. ई. सोसायटीचे अध्यक्ष डॉ. गजानन एकबोटे

GLIMPSES



सौ. मंगला पुंडलिक साळुंके गुणवंत शिक्षकेतर सेवक पुरस्कार-पुणे विद्यापीठ (२००८-०९)
डावीकडून - श्री गोरे, श्री रविंद्र काळे (रजिस्ट्रार)

प्रा. सौ. ज्योत्सना एकबोटे, अध्यक्ष, स्थानिक व्यवस्थापन समिती, मॉडर्न महाविद्यालय
सौ. मंगला साळुंके, मा. कुलगुरु डॉ. नरेंद्र जाधव, पुणे विद्यापीठ. यांच्याकडून पुरस्कार स्वीकारताना,
सोबत. मा. ना. श्री. राजेश टोपे. उच्च व तंत्रशिक्षण मंत्री, महाराष्ट्र राज्य



कलामंडळ वार्षिक पारितोषिक वितरण समारंभ सोम. दि. ९ फेब्रु. २००९
प्रमुख अभ्यागत : ख्यातनाम कथक नृत्यकर्मी अमला शेखर
यांचे स्वागत करताना उपप्राचार्य श्री. चिंचोरे सर

GLIMPSES



A seminar by Dr. Deepak Shikarpur on "Current Trends in IT Industry"

Dr. Pandit Vidyasagar,
Director B. C. U. D.
Visited lab session at
National Workshop on
Embedded Systems



Annual
NCC Day
(30-12-2008)

1. Modern High School and Junior College, Pune 5.
2. Loyala High School and Junior College.
3. St. Vincent Highschool.
4. S.P. Junior College.
5. Orchid school.
6. Symbiosis High school and Junior college.
7. Abhinav English Medium School.
8. Muktangan.
9. Fergusson College.

Arts Association

Arts association is an interdisciplinary organization. Guest lectures, workshops, student's presentations, various competitions, study visits are organized for students studying in Arts faculty.

Following is the brief review of the activities conducted this year:

Guest Lectures:-

Dr. Sanyogita Nadkarni - Child Psychology.

Dr. Alpana Paranjape- Learning disability.

Dr. Medha Sidhaye- Teaching of Marathi in Morri

Dr. Shashikala Ray- Importance of Hindi language

Exhibition of Hindi literature- In this exhibition students displayed original collected and translated Hindi literature.

3 students were given prizes for their displays in this exhibition.

Study Visits-

Psychology special as well as general students visited Vipassana center in Pune. Dr. Nikhilji Mehta delivered lecture on Vipassana. A film prepared on how Vipassana is successfully used for prisoner's in Tihar jail.

Dr. Snehal Taware, Mrs Suneeta Purohit extended their co-operation in conducting these activities.

Mrs. Amruta Oke.
Chairperson,
Arts Association.

N.C.C. Unit

Our College has following NCC wings:

36 Maharashtra	= 50 Cadets
Army Wing (Boys)	
3 Maharashtra	
Naval Wing	= 40 Cadets
2 Maharashtra	
Air Wing	= 08 Cadets
2 Maharashtra	
Army wing (Girls)	= 13 Cadets
Total	= 111 Cadets.

1. The Activities of 36 Maharashtra BN. Army Wing (Boys)

Lt B. B. Yenage, NCC Officer (ANO), and senior of the Army SD Unit of the College, SUO Dheeraj Ga'kwad, Cadets under their leadership participated and completed the following activities during the year 2008-09.

1. Five Cadets participated in National Integration Camp held at Ranchi, Bihar from 27th May 2008 to 7th Jun 2008.

2. Environment Day 11th JULY 2008, 25 Cadets actively participated in Tree Plantation Programme held at Agriculture College. Under the guidance Col M Chaturvedi, Commanding Officer, 36 MAH BN, NCC.

3. Three Cadets participated in THAL Sainik Camp held at Pune GP HQ. from 15th Jun 2008 to 24th Jun 2008.

4. In JULY 2008, Senior Cadets and ANO conducted motivational programme for new enrolment in NCC was conducted by Lt B B Yenage and S

Lt A V Kamble for Arts, Science and Commerce students to Join NCC.

5. Annual Training Camp held at Sai Seva Dham, Kahne Phata from 19th JULY 2008 to 28th July 2008. 19 first year Cadets participated in the Camp.

6. 12 Cadets participated in Disaster Management and Relief Camp 'AVHAN 2008' held at Nagpur from 19th Aug 2008 to 31st Aug 2008.

7. 20 Cadets participated in Duty in Ganesh Festival procession on 14th and 15th Sep 2008. with Pune police.

8. CDT Ratan Shetty and CDT Nikhil Bhorde both from First Year Commerce selected for Republic Day Camp-I. held at Pune GP HQ from 22nd Sep 2008 to 1st Oct 2008.

9. 20 Cadets enrolled as Volunteers for Common Wealth Youth Games held at Balewadi, Pune from 12th Oct to 18th Oct 2008.

10. 5 cadets from first year NCC participated in Army Attachment Camp held at MIRC, Ahmednagar from 3rd Nov to 15th Nov 2008.

11. 8 Cadets participated in Annual Training Camp-II held at TB II, BEG, Dighi, Pune from 8th Nov to 17th Nov 2008.

12. 20 Cadets worked as volunteers in 23rd Pune International Marathon held on 7th Dec 2008.

13. Third Annual Training Camp held at Sai Seva Dham, Kahne Phata from 20th Dec to 29th Dec 2008. Two Cadets participated in the Camp.

14. 25 Cadets work as Volunteers for Pulse Polio program held on 21st Dec 2008 and 1st FEB 2009.

15. Annual Social is the most exciting event conducted by the college, our Cadets also contributed at the time of

our Annual Social Gathering.

16. Our Cadets attended the duties when called by the GP. HQ and by the 36 Mah. Bn. Time to time.

17. NCC day celebration in our college, held on 30th Dec 2008. Cadets Organized. Our Principal Dr R S Zunjarrao was our Chief Guest for parade observation and 15 Cadets were march pass felicitated by our principal who participated in National and Directorate level Camps.

Individual participation in Various Camps

1. National Integration Camp:

1. SUO Dheeraj Gaikwad,
2. JUO Mohan Bhuttewadkar and
3. CSM Sanjog Shinde of TY B A
4. CPL Rohit Ingavale of XII Com
5. LCPL Nikhil Kamble of XII Arts.

Achievements:

Got First prize in Group dance.

Second prize in NIA presentation Best performance in Camp to SUO Dheeraj Gaikwad.

2. Cdt Ratan Ram Shetty First year cdt of F Y B Com class participated in 26th January Republic Day Camp. He was selected as Best Cadet to take part in this Camp.

3. Five Cadets from First year NCC took part in Army Attachment Camp held at MIRC, Ahmednagar.

4. **Cdt Manish Kaspate** was honored with best cadet in fire fighting competition.

5. SUO Dheeraj Gaikwad and JUO

Mohan Bhuttewadkar both cadets are very sincere and they worked very hard to compete in the NCC activities of this year

2. Activities of 3 Maharashtra Naval wing:

S Lt Ashok Kamble, NCC Officer.

1. Cadets participated in Kayaking Competition held at Hyderabad and they represented Maharashtra directorate. Got two Gold medals.

2. L Cadet Narke Mahesh participated in sea Training camp and represented Maharashtra Directorate.

3. Cadet Capt Mayur Gaikwad participated in Chilka Sailing Camp. He participated in 12 days Pune to pandharpur Sailing Expedition Camp.

4. Our Cadets also participated in Social Services with Blood Donation Camp, Ganesh Festival, Pune International Marathon etc.

3. Activities of 2 Maharashtra Air Wing:

All the cadets actively participated in all the events conducted throughout the year 2008-09.

Pune International marathon

Flying at AFTT in the National Defence Academy

Gliding at Gliding Institute of Hadapsar.

Individual participation in Various Activities-

1. CUO Swati Suman participated in All India Flying Competition and bagged a gold medal

2. CDT Shekhar Jadhav bagged Silver medal in Flying Competition. at all India Vayusainik Camp.

3. Cadet Shraddha Kate was recommended flyer from the state.

4. Cdt Swati Suman was the first girl cadet from Maharashtra state to fly at Prime Ministers rally at Delhi and she was awarded a Lap Top by Mrs. Sudha Murthy of Infosys.

5. Cdt Manoj Janjalkar was competed his basic mountairing Camp from Himalaya Mountaineering Institute, Darjeeling.

6. Cdt Aditya Joshi and Cdt Shekhar Jadhav got the opportunity to visit to the Air Force stations at Dundigal Bidar.

7. Cdt Vidya Rawal and Cdt Amol Sathe participated in NIC held at Panchgani.

4. 2 MAH GLS BN, NCC (Army Girls Wing):

1. BUO Karuna Pardeshi won bronze and Gold medal in rifle Assembling and stripping competition held at ATC. She was selected for all India PDIP Delhi and won Gold medal as a Best Cadet.

2. Cdt Dipali Dalvi attended NIC at Bodhgaya, Bihar and she was nominated with gold medal in Rangoli competition and Group Dance.

3. Cdt Aarti Deokar represented the College in Hospital attachment Camp held at in the AFMC, Pune and got Bronze medal written examination

conducted by Command Hospital. She also participated in cultural activity.

4. All other Cadets participated in Annual Training Camps held at Mulshi and Kahne Phata. They also participated in Female Foeticides rally and Environmental awareness Programme.

5. All Girl Cadets participated as Volunteers for Common Wealth Youth Games and Pune International Marathon.

In all there are various activities of our NCC units of the College during the Academic Year 2008-09. For the participation of Cadets in Various Camps Held at National, State and District level with annual Training Camps. Our Principal and Heads of different Departments help for allowing the Cadets to attend the Camp and also help in the Completion of the practical completed during the Camp period.

We sincerely thank everybody, who helped us in any way to complete the NCC activities during the Year 08-09.

Lt B. B. Yenage
S Lt A. V. Kamble

SPORTS (Jr. Wing)

We are very proud to state that 200 players of Junior College participated in the team events as well as Individual events at the Inter school and various levels for the year 2008-09 organized by District Sports Office and Municipal Corporation.

The following students achieved merit in Individual games

- 1] **WALAVALKAR PRATIK - XI sci** - weightlifter, won a Gold Medal in 77 k.g. group at district level.
- 2] **CHAVAN SACHIN - XI sci** - Taik-wo-ndo A Karate player won a Silver medal at district level in Taik-wo-ndo & Gold Medal in Karate in 60k.g. weight group
- 3] **SHYAM TALOKAR XI sci** - Taik-wo-ndo A karate player won a Silver Medal at district level & Bronze Medal in Karate in 55k.g. weight group.
- 4] **DHOTRE RAHUL - XI Arts** - In Boxing, he gave a tough fight to his opponent in the finals & won a Gold Medal at district level & was selected for Regional competition which was held at Sangamner & he won a Silver Medal.
- 5] **KAMLESH PARDESHI - XII com** - Karate player won a Gold Medal in 65k.g. weight group at District level & was selected for State & National Karate competition.
In State championship he got the IIIrd place & was selected for Himachal Pradesh 13th National Karate championship 2008 & won the Ist place in Kata IIIrd place in Kunita. [56 to 60 k.g.]
- 6] **YASHASHRI BOTRE - XI Arts** - cyclist, got the Ist place at District level, under 19 group and was selected for Regional level. She got the Ist place at the Regional level at Nagar & was selected for Maharashtra state. Competition held at Mumbai [Nerul]
She stood IVth & was selected for National cycling competition held at Haryana she got IIIrd place at National level.
- 7] **SOURABH WAIKAR XI Sci.** - Swimming: [under 19] He was selected for Maharashtra state for his performance & record stated below
At District level
200 mts. free stroke - IInd place
400 mts. free stroke - Ist place
1500 mts. free stroke - IInd place and selected for Regional competition held at Pune.
200 mts. free stroke - IInd place
400 mts. free stroke - IInd place
1500 mts. free stroke - IIIrd place
- 8] **ROHAN MORE - XI com.** - Swimming, Inter school under 19 group, at District level 200 mts. Back Stroke IInd place
He participated in State Level Life Saving & Endurance Swimming Championship & stood IInd.
In Vth Maharashtra Swimming Championship for the Deaf he won 2 Gold, 2 Silver & 1 Bronze Medals.

At National Bhuwaneshwar he won 1 Gold, 3 Silver & 2 Bronze medals.

- 9] **AMIT KUMBHAR XI Sci.** - Participated in Open Badminton Competition which was held at Latur .He was selected for National Competition.
- 10] **SHEETAL YADAV XI com.** - Our lawn Tennis player did very well in the District & Regional level. She stood Ist & was selected for the State level. In Inter State Tournament she stood IIIrd and was selected for National Competition [Himachal Pradesh] where she stood Ist
- 11] **SHREYASH DHANEWAR XI Sci.** - Excelled in the Roll Ball Inter District Tournament & was selected for State Championship. He performed very well & was selected for the National Championship & his overall performance helped him in getting selected for Inter National Bangladesh Vs India match. The Indian team won the gold medal over there.
- 12] **SANKALP GOSAVI XI Sci.** - was selected for the Inter State Netball Tournament which was held at Nasik on 26th to 28th Sept. 2008
- 13] **ASHISH RAMGUDE XII Sci.** - Basketball player did very well at Inter District Tournament & was selected for State Level Tournament
- 14] **CHETAN BARAMATIKAR XII Com** - Hockey player did very well at Inter District Tournament & was selected for Regional Tournament which was held at Nagar

The following students participated in various Games at Regional Tournament -

	NAME	CLASS	GAME
1)	Tanmay Bargal	XI Sci.	Volleyball
2)	Rohit Dongaonkar	XII Sci.	Volleyball
3)	Ankit Goti	XI Sci.	Volleyball
4)	Preetam Naik	XII Sci.	Volleyball
5)	Miss Radhika Fulambrikar	XII Com.	Volleyball
6)	Miss Pallavi Gouda	XI Arts	Volleyball
7)	Chetan Baramatkar	XII Com.	Hockey

Our Volleyball Boy's Team gave a tough fight to Garware College Team in the Finals and the team got the Runners-up Prize in Interschool under 19 Championship.

The following players were in the team. They played well.

- | | |
|---------------------|----------------------|
| 1) Rohit Dongaonkar | 2) Preetam Naik |
| 3) Nikhil Vaswani | 4) Ankit Goti |
| 5) Harshal Patil | 6) Yogiraj Shelke |
| 7) Rohit Ingawale | 8) Shreepad Chandane |
| 9) Ramakant Sul | |

This year too the Inter-class Tournament for Individual and Team events were conducted. The students from various classes participated actively.

The Result is as follows.

GAMES	Winner	Runners-Up
FOOTBALL	XII E	XII J
KABADDI	XII J	XI K
VOLLEYBALL	XII	XII H

Individual events

CHESS-	Nishad Deosthali XI F	Rohit patil XIF
TABLE- TENNIS [SINGLES]	Pushkraj Shrotriya XII C	Serine Varghese XII C
TABLE- TENNIS [DOUBLES]	Rahul Dhadiche XI J	Nasim Shaikh XI J
	Gautam sharma XI J	Viral Patel XI J

Best Football Award (Kalpak Dixit Memorial Prize) was won by Saicharan Rajgopal from std. XII Sci. This Award is given by Professor P.G. Dixit (Statistics Dept.)

Physical Education examination was conducted at the end of Ist and IInd term.for the students of F.Y.J.C. and S.YJ.C.

We thank our Principal, Vice-Principal, Sports advisor, teaching and non-teaching staff for having helped the Department and the students.

V.M.SHERIKAR
D.S. KUTE
**Director of Sport &
Physical Education**

SPORTS (Sr. Wing)

A Gymkhana Managining Committee, constituted under the Presidentship of Principal Dr. R. S. Zunjarrao as follows,

Vice Principal	Dr. Y. R. Waghmare	(Advisor)
Vice Principal	J. P. Chinchore	(Vice President)
Prof. A.V.Raiyarikar		(Chairman)
Prof. V. S. Phale		Co-ordinator
Prof. V.M.Sherikar		
Prof. D. S. Kute		
Prof. S. R. Pokharkar		
Prof. M.S. Salunke		
Prof. R. V. Vidap		
Prof. J. J. Pawar		
Prof. K. D. Gopale		
Prof. B. B. Yenge		
Prof. G. M. Tarte		
Prof. Radha Khedekar		
Shri. S. M. Inamdar		

Student Representatives for various games were selected as Gymkhana representatives.

	Amardeep Gaikwad	I. C.S.R. (M)
1.	SoniaMutha	I. C.S.R. (W)
2.	Mohini Devare	Athletics. (W)
3.	Krishna Sawant	Athletics. (M)
4.	Sandeep Prajapti	Netball
5.	Mayur Bombale	Handball, Basketball
6.	Ganesh Nagwade	Hockey
7.	Rohit Mandlik	Korfball
8.	Ganesh Palande	Kho-Kho
9.	Mahesh Dhaygude	Baseball, Softball

Students of Senior College participated in the team events as well as individual events organized by Pune City Zone under university of Pune.

Our students (Boys & Girls) participated in Football, Baseball, Basketball, Volley ball, Handball, Softball, Netball, Kabaddi, Kho Kho, Hockey, Table Tennis, Badminton, Chess, Athletics, Swimming, Best Physique, Boxing, Shooting, Lawn Tennis, Judo, Cross Country Race and Cycling etc.

The following students achieved merit in their individual games.

- * Miss. Ruchira Dorlikar T.Y.B.Com represented 22nd National Shooting Competition which was held at Kerala & the team won the Bronze medal (10mts Air Rifle) Silver Medal (50 mts Rifle) and Individual Silver Medal in 50 mts Rifle Shooting.
- * Vinod Kagde of F.Y.B.Com. excelled in Inter Collegiate Best Physique Competition won the IInd Place & was selected for University of Pune Zonal Competition.
- * Akshay Belure of S.Y.B.Sc.(Comp. Sci.) excelled in Inter Collegiate Judo Competition won the IInd Place & was selected for University of Pune Zonal Competition.
- * Shahid Rajput of FYB.A excelled in Inter Collegiate Athletics won the IIIrd Place in Long Jump event & was selected for University of Pune Zonal Competition.
- * Mohini Devere of S.Y.B.A. excelled in Inter Collegiate Athletics won the IIIrd Place in Triple Jump event.

The following College Teams achieved merit in the team sanies.

- * College athletics Boys 4 x 400 mts. Relay team got the 1st place in Inter Collegiate Athletics Meet. The team members were Krishna Sawant, Prakash Choudhari, Pranit Shinde, Rakesh Takwade.
- * College Netball Boys team got the 1st place in Inter Collegiate Competition. The team members were Amardeep Gaikwad, Mayur Bombale, Manas Jondhale,

Sandeep Prajapti, Rohiet Mandlik, Krishna Sawant, Praniet Shinde, Omkar Jadhav.

- * College Volleyball Boys team got the IInd place in Inter Collegiate Competition. The team members are Nikhil Ravenkar, Ashish Patil, Nikhil Bhorde, Amardeep Gaikwad, Sandeep Prajapti, Avinash Darwade.
- * College Korfball Boys & Girls team got the IInd place in inter Collegiate Competition. The team members are Mayur Bombale, Manas Jondhale, Sandeep Prajapti, Rohiet Mandlik, Amardeep Gaikwad, Deepti Kadam, Shital Dhamale, Vrundha Joshi, Reshma Honrao, Kavita Kodre.
- * College Football Boys team got the IInd place in invitational Inter Collegiate Competition which was organized by Swami Vivekanand Smruti Samittee Pune.
- * The College Softball Boys team got the IIIrd place in Inter Collegiate Competition. The team members were Kiran Borate, Mahesh Dhaygude, Kiran Kusalkar, Vishal Zha, Arun Shirke, Amiet Kambale, Santosh Jathar, Hrishikesh Undale, Amol Kulkarni, Deepak Yadav.

Our Zonal Players

Sr.No	Name of the Student	Class	Game
1	AmitJadhav	F.Y.B.Com	Cross Country
2	Swapnil Bhasmare	F.Y.B.A.	Kabaddi
3	Kunal More	S.Y.B.Com	Kahaddi
4	Akshay Belure	S.Y.B.Sc.(Comp. Sci.)	Judo
5	Shahid Rajput	F.Y.B.A.	Athletics
6	Rohiet Mandlik	S.Y.B.Sc.	Korf Ball / Net Ball
7	Krishna Sawant	T.Y.B.Com	Net Ball
8	Pradeep Balkrishanan	F.Y.B.Com	Foot Ball
9	Vinod Kagade	F.Y.B.Com	Best Physique
10	Kiran Borate	M.A. I	Base Ball / Soft Ball
11	Prinet Shinde	F.Y.B.Com	Net Ball
12	Manasi Ranade	S.Y.B.Sc.(Comp. Sci.)	Net Ball
13	Reshma Honrao	T.Y.B.Com	Korf Ball / Net Ball
14	Vrundha Joshi	T.Y.B.Com	Net Ball

Our National Players

Sr.No	Name of the Student	Class	Game	Laval	Venue
1	Ruchira Dorlikar	T.Y.B.Com	Shooting	National	Kerala
2	Nikhil Ravenkar	M. Com I	Volley Ball	State	Ambejogai
3	Mayur Bomble	T.Y.B.Com	Korf Ball	State	Nagpur
4	Ashish Patil	F.Y.B.Com	Volley Ball	State	Solapur
5	Shital Dhamale	T.Y.B.Sc.	Korf Ball	State	Nagpur
6	Deepti Kadam	S.Y.B.Sc.	Korf Ball	State	Nagpur

Sr.No	Student's Name	Class	Game	Laval	Venue
1	Zore Rahul	M.A.	Hockey	All India Inter University	Haridwar
2	Amardeep Gaikwad	T.Y.B.Com	Net Ball	West Zone Inter University	Patiyala
3	Nikhil Ravenkar	M. Com I	Volley Ball	West Zone Inter University	
4	Manas Jondhale	T.Y.B.A.	Korf Ball	All India Inter University	Hyderabad
5	Sukhada Joshi	M.Sc.(C.Sci.)	Volley Ball	West Zone Inter University	Kerala
6	Mahesh Dhaygude	F.Y.B.A.	Base Ball	West Zone Inter University	
7	Soniya Mutha	S.Y.B.Com	Lawn Tennis	All India Inter University	
8	Mayur Bomble	T.Y.B.Com	Korf Ball	All India Inter University	Hyderabad
9	Deepti Kadam	S.Y.B.Sc.	Korf Ball	AH India Inter University	Hyderabad
10	Sandeep Prajapti	T.Y.B.Com	Net Ball	West Zone Inter University	Patiyala
11	Shetal Dhamale	T.Y.B.Sc.	Net Ball	West Zone Inter University	Patiyala

As per the tradition of our college this year too the Inter Class Tournaments were conducted for individual and team events. Students from various classes participated Actively.

The results are as follows :

* Individual Games

Table Tennis Men (singles) :-

Winner: Sameer Khilari **Runners-up:** Shridhar Deshpande

Table Tennis Men (Doubles) :-

Winner: Prashant Rajput & Kedar Malwadkar T.Y.B.Sc

Runners-up: Amit Gaikwad & Varun Panchbahai T.Y.B.Sc

Table Tennis Women (singles):-

Winner: Prachi Jog T.Y.B.Sc (Comp. Sci)

Runners-up: Maitreyi Pathak T.Y.B.Sc (Comp. Sci)

Chess:-

Winner: Abhijeet Darekar M. Sc (Comp. Sci)

Runners-up: Swapnil Shintre S.Y.B.Sc (comp sci)

*** Team Games**

Inter Class Football Winners :- T.Y.B.Com - B

- | | |
|-------------------|---------------------|
| 1. Aditya Oswal | 2. RajPatil |
| 3. VishalShinde | 4. Rohan Lahoti |
| 5. Mangesh Shinde | 6. Krishna Sawant |
| 7. Ganesh Palande | 8. Nitin Sonawane |
| 9. MaheshRaut | 10. Ganesh Nagawade |

Inter Class Football Runners-up :- T.Y.B.Sc (Comp. Sci.)

- | | |
|-------------------------|-------------------------|
| 1. Shailendra S. Bakare | 2. SuvitV. Patil |
| 3. Akshay V. Belure | 4. Rishikesh V. Gaikwad |
| 5. Rohit M. Kundgar | 6. Amrut R. Marne |
| 7. Kundan D. .Bansod | 8. Abhijit Lokhande |
| 9. Harshal S. Shinde | 10. Vaibhav S. Salunke |

**KRANTIVEER VASUDEO BALVANT PHADKE PRIZE WINNER
MODERN SHREE 2008-09**

ADESH DHORE, S.Y.B.A.

This year we organized the University of Pune Inter Zonal Basketball Women's Tournament and we also organized the Inter Collegiate Netball (men & women), Korfball (men & women) tournament.

Two of our past students were the recipients of the prestigious 'Shiv Chhatrapati Award'. Mr. Rajeev Boadas for his excellent performance in Table Tennis and Miss Jyotsna Chitroda for her outstanding act in Rope Malkhamb. The award is given by the Government of Maharashtra.

The Gymkhana Day was celebrated on 6th Feb 2009, Mr. Nandan Bal, International Tennis Player & Indian Davis Cup Team Coach was the Chief Guest. He gave away the prizes to the winners.

We thank our Principal, Vice Principal, Gymkhana representatives, Sports advisor, coaches, teaching and non teaching staff for the help they rendered to the Department and students.

Prof. A. V, Rayarikar
Chairman G. M. C.
Prof. Vikram Phale
Director of Physical
Education

Prize Distribution Committee

Chairman : Dr. Ashok Kamble, Commerce Department

S. K. Rahane (Advisor)

S. R. Pokharkar (Advisor)

Dr. N. M. Patil

L. M. Sherkhane

R. N. Ingole

S. K. Barve

V. K. Jagtap

Nisha Bhandare

S. J. Karekar

A. A. Khandagale

M. S. Ghanekar

Dr. M. M. Sane

Ameeta Kulkarni

V. V. Kale (Office)

V. B. Alhat

Veena Nargund

S. N. Gosavi

Vandana Joshi

The annual prize distribution function was organised on 21st Feb. 2009. Dr. Tej Nivalikar, Director, Adult & Continuing Education, University of Pune, presided over the function.

His lecture was thought provoking for the students. He appealed the meritorious students to participate in various extra curricular activities of the college in addition to concentrating on academics. He also suggested the students to follow the guiding principles laid down by Saint Gadge Baba, Karmaveer Bhaurao Patil and Mahatma Phule.

Prof. Dr. Ashok Kamble,
Chairman,
Prize Distribution Committee

Prize Winners 2008 - 2009

	Name	Criteria	Name of the Prize
1.	Dalal Sana	T.Y.B.Sc. Physics student submitting Best Project	H. B. Joshi Prize
2.	Gunder Padmavati	T. Y. B.Sc. Physics student submitting Best Project	H. B. Joshi Prize
3.	Chaudhari Anita	T. Y. B.Sc. Electronics student submitting Best Project	A Gondhalekar Prize

	Name	Criteria	Name of the Prize
4.	Jadhav Dnyandeo	Student writing the best Computer Proj. at T.Y.B.Sc Com. Sci.	R. M. Marathe Prize
5.	Shinde Chintaman	Best Student at chemistry	M. M. Gokhale Prize
6.	Sherin Charley	Deserving & Studious girl student of Sr. wing T.Y.B.Sc.	Golden Jubilee Fund Prize Late Jagannath Kale Prize
7.	Gaikwad Kirti	Deserving & Studious Girl student Sr. Wing Excellent Academic Achivement (Sr. Wing)	Late Pandurang Vishnu Mahadkar Prize
8.	Dighe Snehal	Deserving student of T.Y.B.Sc. Physics	Y. P. Gambhir Prize
9.	Mali Anuradha	Deserving student of T.Y.B.Sc. Physics	Y. P. Gambhir Prize
10.	Chaudhari Shriya	Deserving student of T.Y.B.Sc. (Ele. Sci.)	D. Y. Gambhir Prize
11.	Hema Sutar	Deserving student of N.S.S. Sr. Wing	Late B. P. Satpute Prize
12.	Iyyer Umna	Deserving student of N.S.S. Sr. Wing	Late B. S. Pathak Prize
13.	Mathpathi Poonam	Deserving student of N.S.S. Sr. Wing	Late B. S. Pathak Prize
14.	Shaikh Shahid	Deserving student of T. Y. B.A. doing goodwork in N. S. S. for two years.	Shankar Shelar Prize
15.	Sambare Omkar	Best Performance in NSS camp. Jr. Wing	Late Sadashiv Salunke Prize
16.	Swati Suman	Best Performance in Air wing NCC activities with excellent academic record	Late Sudhabai Shankar Kale Prize
17.	Jadhav Tushar	Deserving & studious student of Jr. Wing	Golden Jubilee Fund Prize Late Jagannath Kale Prize

	Name	Criteria	Name of the Prize
18.	Shinde Pallavi XI H	Deserving & studious student of Jr. Wing	Late Kamlabai J. Kale Prizr
19.	Nirawane Ujwala	Deserving & studious student of Sr. Wing	Late Vinayak J. Kale Prize
20.	Kadam Mahesh	Deserving & studious student of II class	Late Vishnu Trimbak Tatake Prize
21.	Barane Deepali	Deserving & studious student of XII class	Late Shankarrao Kanitkar Prize
22.	Yadav Sheetal	Excellent Achievements in sports Jr. wing.	Late Pandurang Vishnu Mahadkar Sports Prize
23.	Doralikar Rucha	Excellent Achievements in sports Jr. wing.	Late Pandurang Vishnu Mahadkar Sports Prize
24.	Kulkarni Shreedhar XI G	Excellent performance in cultural activities Jr. Wing	Late Pandurang Vishnu Mahadik Prize
25.	Jambe Shubhangi	Excellent performance in cultural activities Sr. Wing	Late Pandurang Vishnu Mahadik Prize
26.	Shinde Ashwini	Excellent Academic Achivement (Jr. Wing)	Late Pandurang Vishnu Mahadik Prize
27.	Joshi Amruta	Illustratious Past student	Momento
28.	Safai Mugdha	Best Graduate of the year	Prin. V. K. Jog Prize
29.	Raut Tejal XIC	Best student Jr. Wing	Late Jyotsna Godbole prize, Late Mrs. Sucheta Chirputkar Prize., Best student Trophy, Momento
30.	Jaiswal Trishla	Best student Jr. Wing	Late Jyotsna Godbole prize, Late Mrs. Sucheta Chirputkar Prize, Best student Trophy, Momento
31.	Bhosale Pradeep	Best student Post Graduate	Late Prof. G. M. Bansude Trophy, Momento
32.	Revankar Nikhil	Best sportsman	V. R. Date Prize
33.	Dhore Adesh	Modern Shree	Vasudeo Balwant Phadke Prize

Sr. College

	Name	Criteria	Name of the Prize
1	Sringare Sneha	Highest total at F.Y.B.A.	Staff Fund Prize
2.	Borah Priyanka	Highest Marks in F. Y. BA. (English)	Late Gopalrao Parab Prize
3.	Jaiswal Trishla	Highest total in S.Y.B.A.	Staff Fund Prize
4.	Gaikwad Rahul	Highest Marks at S.Y.B.A. in History	Sumatibai Bhiwagade Prize
5.	Safai Mugdha	Highest total at T.Y.B.A. & Univ. Rank holder	Staff Fund Prize. Past student prize. Vasudeo Pandit Ravishankar Rasane prize. Memento
6.	Solanki Sonali	Highest Marks in specia English in TYBA.	Late Balkrishna Rasne Prize
7.	Waghmare Sujata	Highest Marks in Spl. Marathi TY.B.A.	Late Balnath Pathak Prize Narayan Chepe Prize
8.	Gaikwad Kirti	Highest total at F.Y.B.Sc. Highest marks in Biology Highest marks in Maths group Highest marks in Statistics Highest marks in Maths.	Staff Fund Prize Narayan Bhagat Prize Narayan Bhagat Prize Laxmibai Tatke Prize Vishwanath Dhondade K. S. Kale Prize
9.	Devi Nisha	Highest marks in chemistry	
10.	Gavas Sulaksha	Highest marks in Statistics in S. Y. B. Sc.	Late Indirabai Chirputkar Prize
11.	Shirke Priya	Highest marks in Maths at S.Y. B.Sc.	Prof. Pramila Chikate Prize
12.	Dighe Snehali	Highest marks in Electronics & Physics at S.Y. B.Sc.	Balkrishna Rasane & Ravishankar Rasane Prize

	Name	Criteria	Name of the Prize
13.	Sakhare Reshma	Highest marks in S.Y.B.Sc. Chemistry	Sadashiv Vishwanath Joag Prize
14.	Jadhav Sweta	Highest total at S.Y.B.Sc.	Matoshri Yashodabai Gadgil, Kaluskar Scholarshiop & staff fund Prize.
15.	Pokharkar Yogesh	Deserving student of statistics with good academic record	Statistics Dept. past student Association Prize.
16.	Gavade Rohan K	Highest total at T.Y.B.Sc. Maths.	S. K. Argade Prize Pralhad N. Satbhai prize
17.	Shelke Seema	Highest total at T. Y. B.Sc. Statistics	Nirmala Potnis Prize. Past student Prize Momento
18.	Nimbalkar Vishwas	Highest total at T. Y. B.Sc. Physics	Ravishankar Rasane Prize. Late Prakash Bhagat Prize. Department of Physics Prize.
19.	Namjoshi Chetan	Highest total at T. Y. B.Sc. Electronics	Balkrishna Rasane Prize
20.	Srivastava Apurva	Highest total at T. Y. B.Sc. Chemistry	Late Mai Bhide Prize Sadashiv Vishwanath Joag Prize
21.	Bhagat Sunil	Highest total at T. Y. B.Sc. Botany	B. B. Bhide Prize
22.	Pujari Damodar	Highest total at T. Y. B.Sc. Zoology	Prof. Mora Teja Chavan Prize
23.	Bhosale Pradip S.	Highest total in T. Y. B.Sc.	Staff Fund Prize Momento
24.	Waghmare Asmita	Highest total at F. Y. B.Com. Highest marks in Maths at F.Y.B. Com	Staff Fund Prize Vishwanath M. Rairikar Prize
25.	Diwane Jyoti	Highest total at S.Y. B.Com	Staff Fund Prize

	Name	Criteria	Name of the Prize
26.	Salgaonkar Arati	Highest marks in Stat. at S. Y. B.Com	Late Sau Indirabai Chirputkar Prize
27.	Shah Bhushan Sanjay	Highest marks in Economics in S. Y. B.Com	Mrs. Sandhya Vartak Prize
28.	Saraf Shaitali	Highest marks in Economics in S.Y.B.Com	Mrs. Sandhya Vartak Prize
29.	Londhe Priyanka	Highest Total at T. Y. B. Com	Staff Fund Prize Nirmala Potnis Prize Past student Prize Trimbak Gondhalekar Prize Vasudeo Pandit Prize Prof. Dr. R. W. Kulkarni Prize Memento
30.	Kulkarni Smita	Highest marks in Adv. Costing at T. Y. B.Com	Late Shri Bhalchandra Rahane Prize Balkrishna Rasane Prize
31.	Pande Minal	Highest marks in M. Law at T. Y. B. Com	Ravi Shankar Rasane Prize
32.	Deshmukh Tejashri	Highest marks in Banking at T. Y. B.Com	Vishwanath Mahadeo Rairikar Prize
33.	Kulal Sandhya	Highest marks in Auditing at T. Y. B.Com	Chandrakant Shinde Prize
34.	Londhe Priyanka	Highest marks in Accountancy & Auditing at T. Y. B. Com	Matoshri Mulabai Karnavat Prize
35.	Kobel Bhushan	Highest marks in M. Com I	Staff Fund Prize
36.	Kulkarni Isha	Highest total in M.Com II	Staff Fund Prize, Memento
37.	Nikam Amol	Highest total marks in M. A. (English)	Memento
38.	Limkar Shubhada	Highest total in M. A. II (Marathi)	Memento

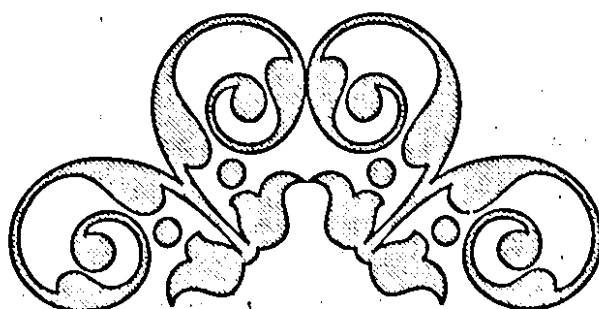
	Name	Criteria	Name of the Prize
39.	Navadkar Sambhaji	Highest total in M. A. II (Geography)	Momento
40.	Paijar Harshada	Highest total in M.Sc. Electronics	Laxman Deuskar Prize
41.	Botre Viresh	Highest total in M. Sc. II Electronics	Laxman Deuskar Prize
42.	Chaudhari Rohini	Highest total in M. Sc. II Botany	Momento
43.	Biswas Pallavi	Highest total in MCS II	Momento
44.	Nanavate Jyotsna	Highest marks in Marketing at T.Y. B. Com	Late Jivita Gujar Memorial Prize
45.	Bhosale Amita	Highest marks in Banking at S. Y. B.Com	Late Rajaram Govind Satam Prize
46.	Atre Mayur	Highest marks in Banking at S. Y. B.Com	Late Rajaram Govind Satam Prize
47.	Padalkar Aniket	Highest marks in Banking at S. Y. B. Com	Late Rajaram Govind Satam Prize
Jr. College			
1.	Mahajan Pranav (Xi Sci.)	Boy from Modern High School with highest total at X	Late Govind Nirgudkar Scholarship
2.	Jadhav Snehankita (Xi Sci.)	Girl from P.E.S.Girl's High School with highest total	Dwarka Sangamnerkar Prize Late Seetabai Nirgudkar Scholarship
3.	Talwalkar Bhagyashree (F. Y. B. Com.)	Securing highest marks in Marathi at XII Board Exam.	Late Gauribai Mahadeo Sidhaye Prize. Scholarship Prize
4.	Talele Milind	Securing highest marks in English at XII Board Exam.	Scholarship Prize
5.	Liman Gauri	Securing highest marks in Hindi at XII Board Exam.	Scholarship Prize

	Name	Criteria	Name of the Prize
6.	Dabhade Suraj (XII Sci.)	Securing highest marks in Hindi at XII Board Exam.	Scholarship Prize
7.	Karale Ashwini (XII Sci.)	Securing highest marks in Sanskrit at XII Board Exam.	Late Shreepad Malhar Joshi Prize Pralhad Nimbraj Satbhai Prize. Scholarship Prize
8.	Kulkarni Abhishek (XII Sci.)	Securing highest marks in German at II Board Exam.	Late Shreepad Malhar Joshi Prize Scholarship Prize
9.	A. D. Swapna (XII Sci.) Devendra	Securing highest marks in Geography XII Board Exam.	Scholarship Prize
10.	Bamane Avinash (XII Arts)	Securing highest marks in Geography XII Board Exam.	Scholarship Prize
11.	Shinde Ashwini (XII Arts)	Securing highest marks in Economics, History & Psychology at XII Board Exam.	Scholarship Prize Staff Fund Prize New Scholarship Prize Balkrishna Rasane Prize
12.	Shitole Mayuri (XII Arts)	Highest total at XI Arts	Staff Fund Prize
13.	Shinde Vrushali (F. Y. B. A.)	Highest total at XII Arts & admission to F. Y. B.A. in this college	Vasudeo Tatke Prize
14.	Kadrolli Satish (XII Com.)	Highest total at XI Commerce Highest marks in Secretarial Practice at XI Commerce.	Staff Fund Prize G. D. Nargund Prize
15.	Chaudhari Prakash (XII Com.)	Highest marks in Secretarial Practice at XI Commerce.	G. D. Nargund Prize

	Name	Criteria	Name of the Prize
16.	Lokhande Sachin (XII Com.)	Highest marks in Book - Keeping at XI Com.	Late Prof. Jyotsna Godbole Prize
17.	Mhatre Raj. (XII Com.)	Highest total at XII Com. Board Exam. Highest total at XII Com. Board Exam. & admission to F. Y. B.Com. In this college. Boy with highest total at XII Com.	Balkrishna Rasane Prize. Late Vasudeo Tatke Prize. Late Jyotsna Godbole Prize. Staff Fund Prize. New Scholarship Prize.
18.	Lunia Rupali (XII Com.)	Girl with highest total at XII Com. Board Exam. Highest marks in Mathematics at XII Com. Board Exam.	Late Jyotsna Godbole Prize. A. P. Phadke Prize. Kamalabai Panse Prize. New Scholarship Prize.
19.	Mali Gauri (XII Com.)	Highest marks in Secretarial Practice at XI Commerce board exam.	Scholarship Prize
20.	Dabhade Charulata (XII Com.)	Highest marks in Book - Keeping at XII Commerce board exam.	Late Jyotsna Godbole Prize. Scholarship Prize
21.	Mehta Mitul (XII Com.)	Highest marks in Organization of Commerce and Management at XII Com. Board Exam.	Scholarship Prize
22.	Narawane Kalyani (XII Sci.)	Highest total at XI Sci. exam. Highest marks in Physics, Chemistry & Maths at XI Science Exam.	Dwarkabai Parasnis Prize. Late Shri Balkrishna Likhite Prize Staff Fund Prize.
23.	Galande Ravindra (XII Sci.)	Highest marks in XI Science in Mathematics.	Late Balkrishna Likhite Prize

	Name	Criteria	Name of the Prize
24.	Walunj Abhilash (XII Sci.)	Highest marks in Science in Maths.	Late Balkrishna Likhite Prize
25.	Harisangam Sharvaree (XII Sci.)	Highest total at XII Sci. Board exam. Highest Marks in Physics & Chemistry in board exam. Highest marks at XII Science & merit admission to Engineering.	Yashwantrao Sukhtankar Prize., Rasane Prize. Late Raobahadaur Balwant Prize. Late Balkrishna Likhite prize Late Dr. D. K. Atre Prize. R. B. Wagle Memorial Prize Staff Fund Prize. Scholarship Prize, Memento Vasudevrao Tatke Prize Nirmala Potnis Prize.
26.	A. D. Swapna Devendra	Highest total at XII Sci. Board Exam. And admission to F.Y. B.Sc. in this college	A. P. Phadke Prize. Kamlabai Panse Prize. Late Balkrishna Likhite Prize Scholarship Prize.
27.	Pacharne Akash (XII Sci.)	Highest marks in Mathematics at XII Sci. Board Exam.	A. P. Phadke Prize. Kamlabai Panse Prize. Late Balkrishna Likhite Prize Scholarship Prize.
28.	Bagal Swapan (XII Sci.)	Highest marks in Mathematics at XII Science Board Exam.	A. P. Phadke Prize. Kamlabai Panse Prize. Late Balkrishna Likhite Prize Scholarship Prize.
29.	Hattikal Snehal (XII Sci.)	Highest marks in Mathematics at XII Science amongst the student from NCL English Medium School	Pilot Officer Late Ganesh Mate Prize.
30.	Kaulgi Ajinkya (XII Sci.)	Highest marks in Physics at XII Science Board Exam.	Scholarship Prize.
31.	Thakur Rajan (XII Sci.)	Highest marks in Biology at XII Science Board Exam.	Scholarship Prize Dattatraya Krishna Shenolikar Prize.

	Name	Criteria	Name of the Prize
32.	Narooka Raunaksing (XII Sci.)	Highest marks in Computer Science at XII at Board Exam.	Scholarship Prize.
33.	Gadekar Kranti (XII Sci.)	Highest marks in Electronic Science at XII Board Exam.	Scholarship Prize
34.	Kamble Snehal (XII Sci.)	Girl from P.E.S. having Highest marks in XII Science Board Exam & Admission to Medical.	R. B. Wagle Memorial Prize.
35.	Karipal Tressa (XII Sci.)	Highest marks in Information Technology at XII Science Board Exam.	New Scholarship Prize
36.	Durve Gayatri (XII Sci.)	Highest marks in Information Technology at XII Science Board Exam.	New Scholarship Prize
37.	Bendre Rahul (XII Sci.)	Highest marks in Political Science at XII Arts Board Exam.	New Scholarship Prize
38.	Kadam Pritamkumar	Promising student of XII Science merit admission to Medical	Anandibai Shebolikar Prize.



National Service Scheme (Senior wing)

Regular Activities :

The maiden event under NSS activities this year was a matter of privilege to our college. Dr. Vikas Amte was in town and we decided to take advantage of that. An interactive session with Dr. Vikas Amte on "Anandwan: Beyond Tomorrow" was arranged on 25th June 2008. Doctors, Engineers, Enterpreneurs, Teachers, Students, Businessmen, Industrialists, Social workers, Students and various others participated in large numbers.

Dr. Vikas Amte gave a brief history of Anandwan, emphasized on the Self-sufficiency principle of Anandwan and shared the vision of Anandwan for the future. He strongly put forth the point that now Anandwan had reached the stature of offering its expertise and services to the society in various fields rather than being at the receiving end.

He also highlighted the fact that leprosy affected persons even today do not share equal rights and privileges in our nation.

25th July 2008: Pune was almost under a draught spell. The Pune Zilla Parishad in a joint venture with NSS, University of Pune launched an action programme of damming water at natural streams. 20 NSS volunteers and our Programme Officers toiled the whole day and constructed a Bund at Lavale in Taluka Mulshi.

6th Aug 2008: Formal Inauguration of NSS activities for this academic year. Pranab Mukherjee, disciple of the stage-veteran Badal Sarkar inspired the audience with his brief speech. He said that Theatre was a binding force for the nation.

He then gave a solo performance on the Bhopal Gas-Tragedy. This presentation touched the hearts of the spectators. He effectively communicated the hypocrisy of the political system, the opportunist behaviour of media and the capitalization of an issue by the NGOs, in dealing with Bhopal tragedy like man-made calamities. The script enriched by Dhumil's poetry kept the audience spellbound.

This was followed by Munshi Premchand's satire 'Kafan' presented by Pranab's team.

His was followed by Munshi Premchand's satire 'Kafan' presented by Pranab's team.

Lokayat, Pune helped us to accomplish this event. Hema Sutar compeered the programme.

Secretary of P. E. Society Prof. Jagdish Chinchore and Principal Dr. R. S. Zunjararao were felicitated on this occasion. Registrar Mr. R. P. Kale and Mr. Neeraj Jain were present.

8th Aug 2008: The NSS Film Club was inaugurated at the hands of Vice-Principal Dr. Y. R. Waghmare. To commemorate the Black day in human history a film on 'Atomic explosion at

Hiroshima and Nagasaki' was screened. Mr. Neeraj Jain of Lokayat gave a brief introduction and also conducted an interactive session with the students. Shriraj Jakhalekar compeered this programme.

14th Aug 2008: An active Scout and a student of our college Mr. Sudeep Purohit was selected to attend the "World Scout Jamboree" in UK in July 2007. He shared those experiences supplemented with a slide show. Our students found the presentation very informative and interesting.

15th Aug 2008: Mrs. Vanita Joshi- the grand daughter of Veer Savarkar's brother presented a "Powada programme" along with her accompanists on Independence Day. One of the compositions described the valour of the Rani Laxmibai of Jhansi and the other covered the major events of Savarkar's life. It was a great experience for the audience to witness a lady presenting this form of art with full enthusiasm and involvement.

One of our students Miss. Rupali Dike also presented a Powada on nationalism in the beginning of the function.

Principal Dr. Zunjararao and, Visitor Prof. Gosavi graced this occasion.

Visit to an NGO: On the same day a group of NSS volunteers and Programme officer visited 'Neehar' (at Lohegaon) a project run by Vanchit Vikas for the orphans. Our volunteers conducted games and an entertainment programme involving the children there

and later had meals together.

22nd Aug 2007 : An inter-collegiate Seminar was organized by our college upon the initiative of Lokayat. The topic was "Is atomic energy the alternative to electricity problems?" .The speaker was a great Gandhian, a social activist and an expert in Nuclear Energy- Mr. Surendra Gadekar. Students and staff from six colleges actively participated. The interactive session with the speaker and Mr. Neeraj Jain was very interesting. This programme was a joint effort of NSS and Science Association of our college.

26th and 27th Aug 2008: A two day Film-festival was organized with the help of an NGO- "Samyak". The films screened were: Gender, Is this love? and Sumitra Bhav's Bewaqt Baarish. Exhaustive discussions took place amongst students and the activists based on gender bias, infatuation, love, AIDS, unhealthy social customs etc. The response of the students was overwhelming.

6th Sep 2008: A group of NSS volunteers and Programme Officer visited the Neehar project at Lohegaon. Our volunteers conducted games and story-telling sessions for the children there.

9th Sep 2008: Upon invitation our NSS cultural wing paid visit to the NGO- Dr. Bandorwala Leprosy Sanitorium, Kondhwa during Ganesh Festival. Our NSS team presented an excellent Cultural programme of almost two hours for the inmates of the Leprosy centre. They also went around learning

about the various activities run by the centre.

10th Sep 2008: The district level Pre-Republic Day Selection One-day Camp for NSS volunteers was hosted by our college. Physical fitness tests were conducted to select NSS volunteers for the Parade to be held on 26th January '09 at State level function as well as the Grand National function at New Delhi. The events were conducted at the Police Ground, Shivajinagar. More than 200 students from various colleges of Pune district participated in this camp. Dr. Sanjay Chakane, Programme Coordinator, NSS, Pune University inaugurated this Selection Camp.

Our student Swapnil Sakpal topped the first round (Pune district) and qualified for the second round (State level), which was later held at Kolhapur.

12th Sep 2008: NSS, Department of Zoology and an organization named R.O.A.R. (Reaching Out for Animal Rights) put in combined efforts to organize a Film- Show Day. Two films were screened. One was based on Prevention of Cruelty to Animals and the other was an informative film on Rabies. Panel discussion and question-answer session with the R.O.A.R. workers and a Veterinarian followed.

16th to 18th Sep 2008: NSS wholeheartedly supported the Exhibition-cum-sale of books arranged at our college by the Ramakrishna Mission. There was a remarkable sale of these spiritual and value education based publications.

24th Sep 2008: On account of NSS Day, a special visit was organized to our adopted village Vadhu Khurd. Our volunteers visited 45 families and tried to convince them about building sanitary blocks. They also gathered information about the difficulties they encounter in this venture.

Later, on the same day, all the details were reported to Sarpanch Mr. Anil Chondhe. Possible solutions were also suggested.

Our college had begun a Mobile Library at the Vadhu school last year. Additional 150 books were presented to the library at the hands of our Librarian Mrs. Madhuri Datre.

25th to 30th Sep 2008: Our volunteers arranged for an exhibition-cum-sale of Deepawali greeting cards prepared by the inmates of Baba Amte's Anandwan.

6th Oct 2008: Shri. Mamasahab Kulkarni disciple of Sane Guruji spoke on "Indian Culture" and also on "Anti-Dowry movement". The audience had a lively interaction with this great nonagenarian. His daughter Ms. Asha Kulkarni also answered a few questions put up by the listeners. Principal Dr. Zunjarrao and Vice-Principal Prof. Deshmukh were present for this talk.

Special Camp: 12th -21st December 2008

This was the third consecutive year of our "NSS Special camp" at Vadhu Khurd. Sarpanch Shri. Anil Chondhe inaugurated the camp. Principal

Dr.R.S.Zunjarrao presided over the function.

The camp was full of activities. A few talks and interactive sessions were as follows:

Sr.No.	Theme/Topic of Talk/ Session	Resource Person
1	Yoga and Pranayam Lecture and demonstration	Prof.Mrs.Manda Admane
2	Samartha Ramdas for youth today	Shri.Milind Tilak
3	Personality Development workshop	Chinmaya Yuva Kendra, Pimpri-Chinchwad.
4	1. Leadership 2. Handwriting analysis	Shri.Madhusudan Ghanekar
5	Child rights and child abuse	Ms.Anjali Kate
6	Eradication of Blind faith and social awareness -Infotainment :songs,play, magic tricks etc.,	Bahuuddeshiya Vasundhara Sanstha, Chakan.
7	Youth today and society	Prof.Prakash Dixit
8	How to face interviews?	Prof.A.G.Gosavi
9	Energy Conservation	Prof.Ms.Shakira Inamdar
10	Atomic energy: Boon or curse?	Dr.Sudhir Ujalambkar
11	Baba Amte and Anandwan	Shri.Narendra Naidu
12	Star Gazing lecture & telescopic observations	Shri.Rohan Mehta (MAYA)

A few other activities include: Cricket match amongst the campers, Bhajan programme by the Vadhu Khurd Bhajani Mandal wherein our volunteers actively participated, Film on Anandwan and Group discussions.

Survey: An exhaustive survey of the village was conducted again to update the information of the last two years. Villagers were motivated to build sanitary blocks. Systematic planning was done to dig soak pits for the families which showed willingness.

Educational and Cultural: Few of our campers voluntarily conducted classes for the school children .They taught Science, Maths and English to higher classes.In addition a few of our volunteers choreographed dances and directed plays of the younger children. Film show also was arranged for the school children.

Cultural programme was appreciated by all the villagers. The Sarpanch and his family too enjoyed the performances. Our campers and the local school children contributed their talents in this grand variety entertainment event with full enthusiasm.

Street Plays: A workshop was conducted by Prof.Sunita Purohit and Shri.Narendra Naidu to train students to stage Street plays. Groups were formed and each group had to work on a theme relevant to the problems faced by the villagers. They were guided to write their own scripts, decide roles and enact. This activity proved to be very fruitful as our campers performed these plays in various localities of the village several times during the camp. Moreover these plays effectively gave the message of personal and public hygiene and also created awareness against blind faith and superstitions.

Samarth Bharat Abhiyan: Various Activity groups of Samarth Bharat Abhiyan visited the Vadhu Khurd during the NSS camp. These include Health and Hygiene group, Women empowerment group, Environment group, Leadership group, Social harmony group, Cleanliness group, Blind faith eradication group , etc.These groups conducted a few activities independently either for the school children or the villagers.

Activities for women folk: The traditional 'Haldi-kumkum' programme was arranged as a get-together of the women folk. Vice-Sarpanch Mrs.Lata Malav rendered full cooperation.Our Samarth Bharat Abhiyan staff and students had an interactive session with this group of women. Rangoli competition was held and prizes were distributed during the valedictory function.

Medical Camps: A general medical check-up camp was conducted for all

villagers by TATA Motors.Dr.Jyoti Gokhale and team whole-heartedly attended all villagers and also dispensed free medicines.

Doctors from Dr.Kelkar's NIO, Pune conducted an eye check-up camp for the school children and a few senior citizens.

Visit cum picnic: A visit was paid to a social project 'Manav Nirman' at Phulgaon.This trust runs an orphanage, conducts training courses for play school and nursery teachers and also is involved in small scale entrepreneurship like food processing.This visit widened the horizons of our campers.

Later all reached Tulapur to pay homage at the Samadhi place of Sambhaji Maharaj.The scenic beauty at the confluence of the rivers there and the historical importance of the place appealed to all.

Feast: Sarpanch Mr.Anil Chondhe and his family members invited all the campers for full meals on two occasions. The delicious, sumptuous food and the hospitality of the Chondhe family have left deep impressions in the minds of all campers.

Sharamadaan: This physical labour comprised cleaning of the school premises and the roads in the village, preparing compost pits for the school and cleaning and setting of our camp site. The most important contribution during the camp was digging large sanitary pits for nine families to initiate the building of latrines.

Valedictory function: Sarpanch Mr. Anil Chondhe, Principal Dr. R. S. Zunjarrao and Vice-Principal Prof. Shamkant Deshmukh were present on this occasion. Few campers gave their heartfelt feedback about the camp. Later both the Programme Officers and the dignitaries addressed the gathering.

24th Dec 2008: On account of the birth anniversary of Sane Guruji Shri. Mamasahab Kulkarni was invited again. He spoke on the "Life and Mission of Sane Guruji". His narration of the personal experiences he had with Guruji, touched the audience.

6th Jan 2009: A grand cultural programme was staged by our NSS volunteers, especially for the parents. The performances were highly appreciated by the audience. Few representative campers shared their experiences of the camp. There was also a slide-show prepared by the students, highlighting the NSS activities of our college. This was the second consecutive year of the Parents' Meet of NSS volunteers.

Vice-Principal Dr. Y. R. Waghmare graced the occasion and expressed his admiration for the multi-dimensional activities conducted by the NSS.

12th to 19th Jan 2009: National Youth Week

12th Jan 2009: On the day of Swami Vivekananda's birth anniversary a few NSS volunteers read and discussed booklets of Swamiji's quotations.

13th Jan 2009: Shri. Ram Puniyani a

renowned social activist and scholar conducted a One-day Workshop on "Communal Harmony and National Integration". He traced the history of communal violence in India and sorted out the misconceptions regarding religion and nationalism prevailing in our society. He effectively involved the audience in contributing their views and opinions related to this topic. It was a very rewarding and thought provoking session for the students.

14th -15th Jan 2009: Ramakrishna Mission, Pune had organized a two-day camp on Personality development for youth. Stalwarts from various fields addressed the youngsters. Former President of India - Dr. A. P. J. Abdul Kalam inaugurated the camp. Kedar Kavekar and Shweta Marathe actively participated in this unique camp.

17th Jan 2009: Lokayat group presented a One-act play "Mulgi Zali ho" directed by Ms. Alka Joshi. This dealt with the problems and sufferings of Indian women. It was an eye-opener to the spectators.

25th Jan 2009: P. E. Society had organized a Torch March to pay homage to those who lost their lives in the terrorist attack at Mumbai on 26th Nov. 2008. Few volunteers and the Programme Officers participated.

26th Jan 2009: NSS volunteers were present for the Republic day function held at the college.

19th Feb 2009: Inmates of Baba Amte's Anandwan were in Pune to perform an

orchestra named "Swaranadanadawan". It was a group of more than 70 physically challenged artists.

A team of our NSS volunteers paid a special visit to Bal Kalyan Sanstha, Aundh to interview these artists. It was a very lively interaction and an enriching experience for them. In addition they also gathered information about Bal Kalyan Sanstha.

24th Feb 2009: A small group of NSS volunteers visited a commendable social project at Loni Kand, involved in the "Prevention of Slaughter of Cattle". This project has begun due to the inspiration and guidance of revered Preeti Sudhaji Maharaj. One of the Trustees Shri.Chandrakant Pagaria showed them around and also explained the nature of work, the economics involved and the future plans.

1st Mar 2009: A unique get-together of NSS volunteers of the past three years was organized at the college. A few students expressed their feelings about their association with NSS. The present batch had taken pains to compile selected photographs of activities of the last three years and prepared a nice slide -show. All students were extremely excited to refresh old memories.

Advisor of NSS Prof.N.J.Kulkarni addressed the gathering. Prof. P.S.Varade was also present. The students surprised the Programme Officers Mr.Narendra Naidu and Prof. Sunita Purohit by felicitating them on this occasion to mark the completion of

their tenure. Both of them spoke in response to this gesture.

The programme was followed by a sumptuous lunch.

This get-together was the first of its kind in the history of NSS of our college.

9th Apr 2009: Three Computers, a computer table, library cupboard and 200 books were presented to the Vadhu Khurd school on behalf of NSS and Samarth Bharat Abhiyan Education Action Group of our college. Prof. Mrs.N.J. Kulkarni , Librarian Mrs.M. S. Datre, Prof. Sameer Badane and Mr. Narendra Naidu handed over these gifts to the headmaster Mr. Shaikh and the Sarpanch Mr. Anil Chondhe. The members of the Gram-panchayat and eminent citizens of the village were also present. All of them expressed their appreciation and gratitude towards this kind gesture of our college.

**Prof. N.M. Naidu
Prof. Sunita Purohit
NSS Programme
Officers**

N.S.S. (Junior wing)

National service scheme + 2 Level

(Jr. wing)

Prof. J.P.Chinchore	Chairman
Prof. M.S. Salunke	Advisor
Prof. Mrs. V.S. Nargund	Advisor
Prof. P.M. Sambare	Programme officer
Prof. Mrs. S.S. Gharpure	Programme officer

Members

Prof. V.S. Alhat, Prof. U.K. Gavli, Prof. V.V. Surywanshi, Prof. V.C. Wagh, Prof. A. B. Patil, Prof. Mrs. S.S. Gangurde, Prof. S.S. Nighot, Prof. V.V. Chabukswar, Prof. M. Mandhare, Prof. V. Joshi, Shri. Rajendra Gaikwad, Prakash Sable, Mrs. Mangala Salunke.

Activities conducted during the year 2008-2009

- * 22 June 2008 Shramdan Shibir at college campus.
- * 20 July 2008 N.S.S. office and college classes cleaning campaign by N.S.S. students.
- * 9 August 2008 August Revolution Day (Krantidin) a speech by P.M. Sambare.
- * 6 July 2008 An Inauguration at N.S.S. activities, chief guest, J.P. Chinchore, vice Principal and chairman of N.S.S. Committee.
- * 15 August 2008 Independence Day. A speech by Mrs. Vinta Kulkarni on

Vinayak Damodar Savarkar for junior and senior college volunteer.

- * 2 September 2008 One day orientation programme was conducted by Prof. Nargund and Prof. Gavali.
- * 5 September 2008 Teacher's day N.S.S. volunteer celebrated Teacher's day.
- * 24 September 2008 N.S.S. Day One day Camp was organized for shramdan at Pandit Nehru Bal Sudhar Grih and Udyog Kendra.
- * 2 October 2008 Gandhi Jayanti college classes cleaning campaign.
- * 8 October 2008- 'Khande Navami' poojan at college office by vice principal by J. P. Chinchore.
- 17 October 2008 A one day camp held at Pimpri Sandas, taluka-Haveli, pune (pre-camp)
- 15 October 2008 A visit to 'Agakhan Palace by N.S.S. volunteers with Prof. Alhat, Prof. Wagh and Prof. Gangurde.
- * 19 October 2008 One day trekking programme was arranged by Prof. Nargund, Prof. Gharpure. Prof. Sambare and Prof. Suryawanshi.
- * 10 December 2008 Human Rights Day programme was arranged.

Department of Marathi

Marathi department is a post graduate department. This department has students from Arts, Science and Commerce wing. During this year the department had an exhaustive schedule of curricular and extra curricular activities. The staff consists of following faculty members.

- 1) Dr. Snehal Tawre (H.O.D)
- 2) Prof. Nisha Bhandare
- 3) Dr. Madhura Koranne
- 4) Dr. Vaikahri Vaidya
- 5) Dr. Ujjawala Gokhale (Visiting Prof).

For P.G. Section we have 23 students and in U.G. section for second and third year B.A. we have 16 students who have opted for Marathi as a special subject.

During this year we organized lecture on the following topics-

- 1) ' मॉरिशसमधील मराठीचे अध्यापन ' by Dr. Medha Sidhaye on 2nd August 2008.
- 2) Eleven students expressed their views and ideas on 'Ganesh Festival' in an interesting manner. Four students won the prizes. The winners were
 - 1) Tajun Sayyad
 - 2) Ghazlunde Shubhangi
 - 3) Kambale Omkar
 - 4) Agarkar Mayur

The participants got books as a gift from Dr. Snehal Tawre at the hands of Principal Dr. Rajendra Zunjarrao.

- 3) For our P.G. and U.G. students we had organized a programme entitled. 'Udyache Sammeekshak'. It was very interesting to see the students expressing their thoughts and views on various books. They expressed their views in scholarly and

* 21 December 2008 to 27 December 2008- Special winter camp was held at Pimpri Sandas, Taluka- Haveli, Dist. Pune.

* 29 December 2008- Review of special winter camp and group discussion.

* 12 January 2009- 'National youth Day' A speech by Prof. Gavali, U.K. about Swami Vivekanand.

* 26 January 2009 Republic Day programme.

Special activities, Achievements and Awards.

Special winter camp-

A special winter camp was held from 21 December 2008 to 2009 at Pimpri Sandas Taluka- Haveli, Dist. Pune. 58 students attended the camp.

During the camp, various activities were conducted for the volunteers such as lectures, group discussion, cultural programmes, cleanliness day, visits to farm houses etc.

Junior college teachers guided to the students of 10th std. from Janata High School, Pimpri Sandas.

Omkar Sambare and Poonam Mathpati have the best volunteers of the year 2008-09

Prof. P. M. Sambare
Prof. S. S. Gharpure
Programme Officers.

literary language

4) 'Services and business opportunities in India and abroad for Marathi speaking community' 'मराठी भाषकांसाठी देश - विदेशातील नोकरी - व्यवसायाच्या संधी' A international seminar was organized on this by Marathi Department on 12th Jan. to 15th Jan. 2009. It was a four days international seminar. The opening secession was graced by honourable minister Harshvardhan Patil, Dr. Rajendra Shende (Director Ozen programme France) Dr. Gajanan Ekbote, Dr. Rajendra Zunjarrao (Principal Modern College) Prof. Jagadish Chinchore, Mrs. Jyotsna Ekbote and Dr. Snehal Tawre. There were eleven sections and the chair person for respective sections were Mrs. Shubhada Joshi (Director Girikand) Dr. S.V. Karandikar (Kabizbag) Mr. Sharad Gogate, Mr. Pandurang Vataskar, Mr. Anand Aagashe. Mrs. Lalan Sarang Dr. N.M. Joshi, Pandit Vasant Rao Gadgil, Mr. Krishnakant Kudale, Dr. Arun Nigavekar.

The speakers were 60. Dr. Rajendra Shende, Dr. Gajanan Ekbote, Mr. Chrikrushna Chitale, Mr. Kishor Sarpotdar, Mr. Dr. Jagdale, Mrs. Ashwini Natu, (England) Mr. Jagdish Bhatt, Mr. Shilesha Chatanji, Mr. Niranjana Ghate, Dr. Aruna Dukke, Mr. Gurunath Naik, Mr. Anil Mehta, Mr. Hemant Joshi, Mr. Arun Phadke, Mr. S.V. Joshi, Mr. Arun Gadgil, Dr. Uma Kulkarni, Mr. Prakash Chitale, Mr. Shankar Sarada, Mr. Sowralekha Gadgil, Mr. Mukund

Sangoram, Mrs. Vinita Apte, Mrs. Mangala Khadilkar, Mr. Mangesh Waghmare, Dr. Ujjawala Barve, Mrs. Vrushali Patwardhan, Mr. Anant Bhave, Mr. Shyam Bhuske, Mr. Sangram Khopade, Mr. Milind Shintre, Mr. N. Deshpande, Mr. Makarand Tillu, Prof. Gozziya Homzajeen from Mauritius, Mr. Pravin Chavan Minister Mr. Chandrakant Patil, Dr. Bhagalat Pataskar, Mrs. Aarya Joshi, Mr. S. Deodhar, Mr. Sunil Mahajan, Mr. Vitthal Kamat, Dr. Ramesh Deoze, Dr. Bela Gowilkar and Dr. Snehal Tawre were the speakers and they expressed their views on various topics about the opportunities.

The first programme was held in Balgandharv Rangamandir. There were many delegates and students who participated in this international seminar.

University of Pune Bank of Maharashtra, Union Bank of India, Vishweshwara Bank and Janta Sahakari Bank were the major sponsors of the international seminar. Thanks to all.

Prof. Jayawant Jorvekar compered the main function with Mrs. Vinita Apte. Dr. Madhura Korenne, Dr. Vaikhari Vaidya and Prof. Nisha Bhandare were the compers for the sessions.

The success of this four days international seminar was a result of good team work of my colleagues and students. The credit of this international Seminar goes to Dr. Gajanan Ekbote and Dr. Rajendra Zunjarrao. I am thankful to them.

Achievements-

Dr. Snehal Tawre -

1) She published a book ' छत्रपती शिवाजी

महाराजांवरील महाकाव्य रचना ' at the hands of Namdar Harshavardhan Patil, minister of Maharashtra

- 2) Invited for the prize distribution ceremony at LokamanyPratishthan, Vadgaonsheree those who have secured more than 80% marks in S.S.C. examination on 23 July 2008.
- 3) She was a chairperson in Shahu College for Marathi Kadambare Seminar.
- 4) She was chief guest in Kavisamelan by Shalida Vaibhav on 15th March 2009.
- 5) She was election officer on Marathi Abhyas Parishad Pune.
- 6) She has been appointed as a examiner for P.E. Society's essay competition.

Dr. Madhura Koranne

- 1) Her book 'Ekpatri Prayog- Swaroop Ani Kalaroop' published in 2008 was specially appreciated and was awarded the 'Anant Fandi Puraskar' by an institute located at Sangamner.
- 2) She wrote two articles titled 'Guru Shishya Nate' and 'Dhyas' on Drama in Deepmala and Nihar (Diwali magazines, 2008).
- 3) Participated in Natya Wachan competition, name of Drama- 'Ratra Sampali ---- pun Ujadale Kuthe?', conducted by progressive Education Society, Pune and her team was awarded as third prize.
- 4) Guidance for the exam of ' साहित्य-प्राज्ञ' आणि ' साहित्य विशारद ' conducted by महाराष्ट्र साहित्य परिषद, पुणे.

Dr. Snehal Taware
Head, Department of
Marathi.

Department of Hindi

Name of the Teachers:

- 1) Mrs. Sunita Purohit-H.O.D.
- 2) Miss. Prerana Ubale - C. H. B - (newly joined)

Activities conducted during the academic year by the dept.

- 1) August 12th 08 Modern College & Ferguson College Hindi dept. along with Maharashtra Rashtrabhasha Sabha-Pune jointly celebrated Tulsi Jayanti at Ferguson College. Two students of our college Kirti Khatawakar & Prajakta Wani (S.Y.B.A.-Hindi) participated in Tulsi geet programme and one of our student Shubhangi Jambhe played harmonium. Dr. Arun Pujari Principal, Fergusson College was the chairperson on that occassion. Prof. S. M. Shah Managing director of Maharashtra Rashtrabhasha Sabha gave a lecture on Tulsidas. Our students attended the programme. This programme was compered by Mrs. S. D. Purohit.
- 2) Sept. 23rd. 08 We have been organizing various competitions for the students based on their syllabus. More over this year we organized exhibition on students articles on Hindi Day. Dr. Shashikala Roy, Prof, of Pune University, Hindi department, was the chief guest, gave valuable guidance on practical use of Hindi. The articles were divided in three parts. Some of them were co llected from Hindi literature, some were written by the students and some of the articles were translated from daily

newspaper -Sakal based on moral stories. Among three students- Anita Dangi who won first prize, and other two -Sonali Badve and Vandana Bhide who got 2nd & 3rd. Dr.Zunjarrao, principal Modern College was the Chairperson. This programme was organized by Mrs. Purohit. Miss. Prerana Ubale gave the vote of thanks.

- 3) Jan 13th 09- Modern College, Hindi department, Maharashtra Rashtrabhasha Sabha, Pune, S. N. D. T. College, Hindi department, jointly organized Dr. Hariwanshroy Bacchan Smriti Samaroh in S.N.D.T. college. Teachers-Mrs. Purohit, Miss. Ubale along with their students-Rupali Kulkarni, Kanchan Kulkarni, Vandana Bhide, Komal Dabhole & Prajakta Wani recited Bacchans poems. A well known Kathak Dancer - Amala Shekher performed few dance compositions based on Bacchans poems. The music was given by Dr. Lata Godse Prof. S. M. Shah delivered a speech. Dr. Sushma Keskar, Principal, S.N.D.T. collage was Chairperson. Prof. Sunita Purohit wrote a script on Dr. Bacchan & compared the programme.

- 4) Feb.09 Rupali Kulkarni & Vandana Bhide appeared for the Rashtrabhasha Sabha's Pandit examination- part II.

Achievements of Mrs. Sunita Purohit

Translated from Hindi to Marathi an article of Dr. Mrutunjay Upadhyaya which was taken in to the book of-Stree Vikasachi Navi Khsiteeje written by Dr. Swati Karve.

Contribution made in preparation of Kanya Kosh of to be published by Marathi Vishwasakosh Mandal-Wai. Collected and edited information of well known classical dancers of Maharashtra.

Compered a dance programme based on Hindi poems of Parajkta Raj & her disciples / students on the occasion of Maharashta Rashtra Bhasha's anniversary on 22nd May 2008

Compered a classical dance programme named Annunaya performed by Prajakta Raj and her disciples / students organized by an institute-Aarohini.

A speech was delivered on All India Radio-Pune in the Hindi programme - 'Kalash' on the topic of Nagarjun- a well known poet.

Participated in the Marathi Natyavachan competition at the PES Modern High School and earned 2nd prize at the individually.

Worked as programme officer of NSS department for last 3 years. Active participation in 'Vidyarthini Mancha', 'Kalamandal', 'Magazine Committee', 'Yuva Saptaha', 'Library Committee', 'Arts Association' etc.

Achievements of Miss Prerna Ubale

Miss Prerna Ubale is a newly joined lecturer in our department this year in CHB basis. She got M.Phil Degree with 'A' grade.

**Mrs. Purohit S.D
HOD, Hindi**

Department of English

Members of Teaching Staff (Senior Wing)

1. Ms. Surekha Parab
2. Ms. Alka Kamble
3. Ms. Dipali Thakur
4. Ms. Sangita Sarma
5. Ms. Harpreet Kaur Gandhi

Visiting Faculty (Post Graduate)

1. Dr. Supriya Sahasrabuddhe. Lecturer in English, Modern College - Ganeshkhind.
2. Dr. P. F. Patil. Principal, Kalmadi College.
3. Dr. Shirish Chindhade. Retd. Principal, M. U. College, Pune.
4. Dr. Leena Chandorkar. Lecturer in English, Abasaheb Garware College, Pune.
5. Dr. Madhuri Gokhale. Lecturer in English, B.M.C.C. Pune.
6. Dr. Munira Lokhandwala. Lecturer in English, Abeda Inamdar College, Pune.
7. Dr. Anil Kulkarni. Lecturer in English, Narayangaon College.

Student Strength (Sr. College)

Class	Special English	General English (Additional)
T.Y.B.A.	13	13
S.Y.B.A.	20	20
F.Y.B.A.		22
S.Y.B.Sc		110
F.Y.B.Com		151
M.A.I		
(Old Course)	22	
M.A.I		
(New Course)	37	

University Results

Two students got First Class with

Distinction. Ms. Sonali Solanki with 71.2% and Ms. Jyoti Shinde with 70% Six students got First Class.

M.A Special English Results - 58%

Mr. Amol Nikam got a First Class with 61% and he is at present recruited with Bajaj Allianz as a Junior Team Leader.

1. The department welcomed Ms. Harpreet Kaur Gandhi as a Lecturer in English (CHB) from 14th August 2008.
2. The Post Graduate M.A I and II Special English Courses received permanent affiliation from the University of Pune on 19th June 2008.

Activities Conducted by the students and staff:

1. Every year the Special English students of the UG and PG wing celebrate Teachers' Day. Dr. R. Zunjarrao was the Chief Guest and Speaker. Reverence was paid to Dr. Radhakrishnan, and students performed various activities. The HOD expressed her joy on her student, Dr. Zunjarrao becoming the Principal.
2. The M.A English Part I and II students participated in the Annual Socials, They put up a cultural programme- recitation of a soliloquy, solo and group songs, dances and a one-man show.
3. Ms. Alka Kamble and Ms. Sangita Sarma worked as Visiting Faculty to teach English to the S.Y.B.Sc. Biotechnology students.
4. Our T.Y.B.A students, Ms. Trishla Jaiswal, U.R. Ms. Pritha Das, Ms.

- Nimisha Bhandari and Ms. Swati Suman won the 1st prize for their performance in King Lear: Act 1 Scene I by William Shakespeare. They participated in A Drama Competition on Soliloquies in Shakespeare's Tragedies organized by Ness Wadia College of Commerce on 3rd February 2009. The selection and direction of the drama was done by Ms. S.G.Parab. The jury comprised Prof. Madhav Vaze, eminent theatre personality and Dr. V. Madge. Shakespeare scholar.
5. Ms. Trishla Jaiswal T.Y.B.A Special English student was -
 - a. Elected as the University Representative.
 - b. Scored the highest total at S.Y.B.A securing 82%.
 - c. Was awarded the Best Student Trophy.
 - d. Qualified till the semi-finals at an Intercollegiate Debate Competition held at College of Engineering, Pune on 12th October 2008.
 - e. Participated and was a member of the Organizing Committee in the State Level Economics Seminar on 'Impact of Globalization on Service Sector' organized by Modern College on 26th and 27th September 2008.
 6. Ms. Beeva Raj Gupta and Ms. Atrayee Dev both T.Y.B.A students of the department also participated in the Economics seminar
 7. Beeva, Trishla and Atrayee participated in a National Seminar on The Changing perspectives of Media and the Entertainment Industry, organized by Modern College Business and Computer Studies from 16th to 18th December

2008.

8. Trishla works as the Campus Representative and Beeva and Atrayee are members of the team of Live on Campus.com
9. Ganesh Shinde, our M.A student, won a cash prize and a certificate in a competition held for "Story Telling" held by Modern College in September 2008. He also wrote a story, titled 'Bhiva'.
10. Pramod Kale, our M.A student, won at 'Blackbelt' a Karate State Level Competition organized by MASKA in August 2008.

Staff:

Ms. S.G.Parab. Head

1. was invited as 'Subject Expert' on the Selection Panel for selection of Lecturer in English on 10th June 2008 by Modern College Ganeshkhind Pune 53.
2. was appointed as a 'ritic' on the panel of judges to comment and criticize the new textbook for Additional English titled 'English Literature' for HSC Std. XI, prepared by the Maharashtra Rajya Secondary and Higher Secondary Board Pune. The work was carried out from 8th to 10th December 2008.
3. translated a Marathi article 'Mati Khali Lapleli Jeevasrushti' written by Dr. K. Gandhe, into English and titled it "Hidden World of Soil". This was published in Jnana Prabodhini's Creative Magazine for Youngsters in the Diwali Issue 2008.
4. was invited on 28th November 2008 as an Advisory member on the Committee formed by Maharshi Karve Stree Shikshan Samstha's Sumati Deshmukh Institute of Foreign languages to plan the

performance in King Lear: Act 1 Scene I by William Shakespeare. They participated in A Drama Competition on Soliloquies in Shakespeare's Tragedies organized by Ness Wadia College of Commerce on 3rd February 2009. The selection and direction of the drama was done by Ms. S.G.Parab. The jury comprised Prof. Madhav Vaze, eminent theatre personality and Dr. V. Madge. Shakespeare scholar.

5. Ms. Trishla Jaiswal T.Y.B.A Special English student was -
 - a Elected as the University Representative.
 - b Scored the highest total at S.Y.B.A securing 82%.
 - c Was awarded the Best Student Trophy.
 - d Qualified till the semi-finals at an Intercollegiate Debate Competition held at College of Engineering, Pune on 12th October 2008.
 - e Participated and was a member of the Organizing Committee in the State Level Economics Seminar on 'Impact of Globalization on Service Sector' organized by Modern College on 26th and 27th September 2008.
6. Ms. Beeva Raj Gupta and Ms. Atrayee Dev both T.Y.B.A students of the department also participated in the Economics seminar
7. Beeva, Trishla and Atrayee participated in a National Seminar on The Changing perspectives of Media and the Entertainment Industry, organized by Modern College Business and Computer Studies from 16th to 18th December 2008.
8. Trishla works as the Campus

Representative and Beeva and Atrayee are members of the team of Live on Campus.com

9. Ganesh Shinde, our M.A student, won a cash prize and a certificate in a competition held for 'Story Telling' held by Modern College in September 2008. He also wrote a story, titled 'Bhiva'.
10. Pramod Kale, our M.A student, won at 'Blackbelt' a Karate State Level Competition organized by MASKA in August 2008.

Staff:

Ms. S.G.Parab. Head

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4. was invited on 28th November 2008 as an Advisory member on the Committee formed by Maharshi Karve Stree Shikshan Samstha's Sumati Deshmukh Institute of Foreign languages to plan the syllabus and teaching methods for a Chinese student enrolled to learn

the English language.

5. invited as Chief Guest to hoist the Flag and speak on Republic Day by Christ Prema Seva Hostel, Pune.
6. Directed the play King Lear : Act 1, Sc:1 by William Shakespeare which won the Second Prize at Ness Wadia Drama Competition on 3rd February 2009.
7. Donated a number of books, storybooks, grammar books and books on handicraft to the school at Vadu Budruk and conducted a story-telling session - a Samarth Bharat Abhiyaan activity.
8. Appointed as Chairperson of the P.G.Association, Chairperson. Library Committee and chairperson, NAAC Committee for Curricular Aspects and Design by Modern College.
9. Appointed as a member of the Local Inquiry Committee by the University of Pune. Visited Shri Shahu Mandir College, Pune, Acharya Atre College of Arts, Jejuri, Subhash Baburao Kul Arts, Science and Commerce College. Daund, Sant Tukaram Shikshan Prasarak Mandal, Vadgaon, Vishwakarma College of Arts, Commerce and Science, Pune.
10. Appointed as co-ordinator and examiner for P.G. English M.A Part I - Oral Examinations, April 2009 by the University of Pune.
11. Participated in seminar held by Davinchi Engineering incertification in Technical Communication.

Ms. Alka Kamble.

1. Completed a Refresher Course conducted by 'Special Winter School in Languages (English) from 1st to 22nd January 2009. She was awarded the 'A' Grade.

2. Completed her BCUD Project for submission. Title: "The Study of Students' Writing Skills with reference to Convergence Study. Period : Two years 2007-2008. 2008-2009. Funds received : Rs. 50,000/-
3. Granted a Fellowship by 'Women's Study Centre' for a project 'How to promote Gender Sensitivity in the students through curriculum'. Period : From April to June 2009. Amount granted Rs. 5000/-
3. Invited as a resource person to present a paper at a National Seminar in English Language Today, on 'Globalization and English Studies in India', organized by Ahmednagar College in association with BCUD on 6th to 8th October 2008.
4. Presented a Power Point Programme on 'The Study of Writing Skills of UG students' at 'Innovation*', organized by BCUD at Sangamner College on 28th and 29th November 2008.

Ms. Dipali Thakur,

1. Participated in the Career Mahotsav and Education Fair organized by the University of Pune and the Samartha Bharat Abhiyaan from 11th to 13th June 2008.
2. Was on the editorial panel for the College Magazine 2008.
3. Worked on the Magazine Committee. Post Graduate Association, College Website Development Committee. Samartha Bharat Abhiyaan.
4. Participated in the Workshop on Reflections I. Textbook for FYBA/FYB.Com jointly organized by IASE and CUP on 18th August 2008.
5. Actively participated in the two-day seminar organized by the

Department of Economics

State level Seminar on "Impact of Globalization on Service Sector in India"

Department of Economics, Modern College, Shivaji Nagar, Pune - 5, organized a State level Seminar on "Impact of Globalization on Service Sector in India" , on 26th & 27th September 2008, The seminar was inaugurated by Dr. Ashok Kolaskar, Ex-Vice Chancellor, Pune University, In his key note address, Dr, Kolaskar advocated the need to improve the quality of education to face the challenges of globalization. He also recommended partnerships or collaborations between Indian institutions and well known universities abroad. Joint efforts in this direction are necessary to raise the standard of education in India,

Dr Gajanan Ekbote, Chairman, P.E.Society, Pune, in his discourse on globalization, elucidated the recent developments in service sector, particularly in the field of higher education and the challenges therein. He said that the challenges should be considered seriously. While commenting on the problems of present education system* Dr, Ekbote referred to the complications of affiliation, infrastructural inadequacies and the confusion created by the regulatory mechanisms.

Dr. R.S.Zunjarrao, Principal, Modern College, Pune-5, delivered the welcome address.

Dr. Madhu Satam, HOD, Economics Dept, Modern College, Pune-5, coordinator, spoke about the seminar and presented the detailed programme,

Dr. Pandit Vidyasagar, Director, BCUD, Pune University, He took an overall review of the education system in India.

Dr. Ashok Joshi, Director, INDSEARCH, Pune, advocated the need to redefine the education as the most important infrastructure for nation building.

List of Invitees / Chief guests / Main Speakers / Chairpersons of the Sessions

1. Dr. Gajanan Ekbote, Chairman, P.E.Society, Pune.
2. Prof Jyotsana Ekbote, Chairperson, LMC, Modern College, Pune 5
3. Prof AG Gosavi, Visitor, Modern College, Pune-5
4. Dr, Ashok Kolaskar, Ex-Vice Chancellor, Pune University.
5. Dr, Pandit Vidhyasagar, Director, BCUD, Pune University
6. Dr. Ashok Joshi, Director, INDSEARCH, Pune
7. Dr.Kalyan Swarup, Dean, NIBM, Pune
8. Prof Pradip Apte, Fergusson College, Pune
9. Dr. TG Gite, Chairman, BOS, Business Economics, Pune University
10. Mr. Prashant Pansare*, CEO & MD Inteliment Technologies
11. Mrs. Kavita Amamani, Vice President, Estique chain of Hotels
12. Mr Nikhil Patil* Organizer Unique Tours for Corporate
13. Mr. Neeraj Jain, Social Activist & IIT Engineer
14. Dr, R.Y.Waghmare - Vice Principal Modern College, Pune-5
15. Dr. RM Chitnis, Principal, Modern College of Business Studies, Pune
16. Dr. Bharati Dole, Director, HNIMR, Pune

**Guest lectures organized by
Department of Economics and
Planning Forum**

Topic	Delivered by	Date
How to prepare for entrance exam for MA economics at GIPE	Sandeep Sarawade, Ex-student	29/07/08
How to prepare for IAS Exams	Mr. Abheejit Bangar, IAS Officer	08/08/08
Modes of creating charges	Mrs. Yogita Ekbote, Cosmos Bank	07/02/09
Globalization and Recession in India	Shree Neeraj Jain, Social Activist	28/02/09

Academic Achievements

Dr. M. M. Satam HOD

- 1) Organized a State level Seminar on "Impact of Globalization on Service Sector in India" in Modern College, Pune 5, on 26th and 27th September 2008. 110 participants from all over Maharashtra attended the Seminar.
- 2) P.G. Recognition - Recognized as a Research Guide and Teacher for M.Phil Course. Approval from the following Universities -
 - i) Pune University
 - ii) Madurai Kamraj University
 - iii) Tilak Maharashtra Vidyapeeth
- 3) Invited for the workshop on "Restructuring of Syllabus for M.A. Economics", at Annasaheb Magar College, Pune -Dec. 2008
- 4) Invited for the workshop on "Restructuring of Syllabus for S.Y.B.A. Economics", at Siddhi Vinayak College, Pune -Dec. 2008.
- 5) Attended the 91st Annual Conference of the Indian Economic Association, Dec. 27-29, 2008, at Udaipur, Rajasthan.

- 6) Presented a paper on 31-01 -2009 at MCCBS, on 'Review of RBJ Monetary Policy', State Level Seminar

Dr Abhay H Shende

- 1) Book Published - Grape Exports- Retrospect and Prospect, Ambica Book Agency, Jan 2009
- 2) Articles Published-
 - i) Horticulture Produce Exporting Co - o p e r a t i v e , A s h w a t h a , Yashwantrao Chavan Academy of Development Administration ,April-June 2008
 - ii) BAIF-Kesar Mangoes & Challenges ahead-A case study, Tribal Research Bulletin Vol XXXI No 1 March 2008
 - iii) Surganyatil strawberrychi yashogatha .Tribal Research Bulletin Vol XXXI No March 2008
 - iv) Recession and the Real Estate - The Indian Express ,page 5,Nov 20,2008
- 3) Ongoing Research Project (Minor)
 - i) Problems and Prospects of Mango Exports to U.K & Japan : A case study of Maharashtra(Funding Agency - BCUD ,Pune University)
 - ii) Problems and Prospects of Rose Exports to Netherlands & Japan : A case study of Maharashtra(Funding agency - UGC)

Prof. Sandhya Anil Vartak

- 1) Attended and presented paper on "Impact of Globalisation on Medical Tourism in India" in Seminar on Impact of Globalisation on Service Sector organized by Modern College of Arts, Science & Commerce ,Pune 05 in 2008.
- 2) Presented a paper on Medical Tourism & Economic development in Y. M. College, Kothrud.

Prof. S.S, Deshmukh

Participated actively in Planning

COLLEGE COMMITTEES



Mahila Takrar Nivaran Samitee



Gymkhana Managing Committee



Placement Committee

COLLEGE COMMITTEES



Website Management Committee



Art Circle



N. S. S. (Sr. wing)

COLLEGE COMMITTEES



Post Graduate Association



N. S. S. Jr. wing



Science Association

COLLEGE COMMITTEES



Commerce Association



Examination Committee



Library Committee

COLLEGE COMMITTEES



Magazine Committee



NAAC Committee



Vidyarthini Manch

COLLEGE COMMITTEES

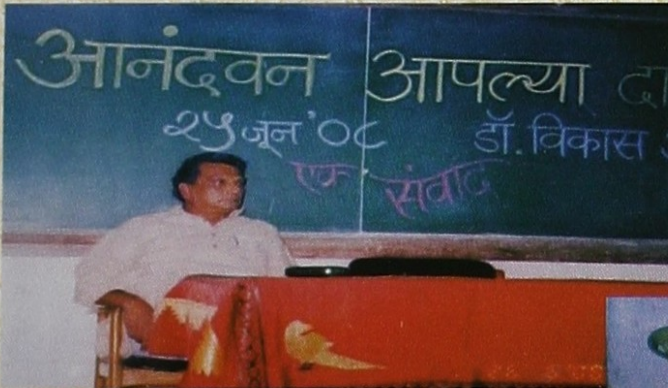


Office Staff



House Keeping Committee

NSS



NSS



Forum activities like elocution competition, essay competition, Quiz competition, etc.

Ms. Padmashri Balasaheb Mujumdar

1) Attended National Seminar on "Education -Industry Linkages" organized by Brihan Maharashtra College of Commerce, Pune held on February 2008.

2) Presented paper on "Inclusion of Women in growth: A Beginning.....yet miles to go" in State level seminar organized by St Mira's College, Pune in January, 2009.

Mrs. Jayasree P.Nambiar

Awarded M.Phil Degree on "Socio-economic conditions of small scale industrial workers in Pimpri-Chinchwad area, Pune Dist."

Prof. Mrs. Gharpure, Prof. VC Wagh and Prof. Sujata Rex actively participated in the organization of the State level Seminar on "Impact of Globalization on Service Sector in India".

New Programme Initiated

The PG Course, M.A. Economics, has been introduced from the year 2008-09.

Dr. M.M.Satam
Head, Deptt. of
Economics

Department of Psychology

STUDENTS' STRENGTH

Class	Special Level	General Level
F.Y.B.A.	---	166
S.Y.B.A.	32	109
T.Y.B.A.	42	93
MA I	29	---
MA II	20	---

Academic activities in the Department.

We conducted a three day camp for

counselling. Our M.A. part II students handled the cases that were enrolled, under supervision.

Our students of S.Y.B.A. and M.A. Students from part I and II presented their Projects in the department. This research activity has given impetus to research in future at student level.

ACDEMIC RESULT ANALYSIS

T. Y. B. A. Psychology special 98 %.

Mugdha Safai of T.Y.B.A stood first in T.Y.B.A. and also got university rank.

6 students got 1st class with distinction.

17 students got first class.

M.A. PSYCHOLOGY 81 %

Dhadalla Aasya got first class with distinction and stood first.

8 students got first class.

NAME OF THE TEACHERS.

1. Mrs Amruta Oke. Head of the Department.
2. Smt. Vijaya Jagtap.
3. Smt. Smita Vaidya.
4. Smt. Shradha Deshmukh.
5. Smt. Purva Deshpande.
6. Smt. Shweta Kakade.
7. Mrs. Rupali Ahire (Jr wing)

VISITING FACULTY FOR POST GRADUATION

1. Dr. Ujwal Nene clinical psychologist K.E.M. hospital, Pune.
2. Dr. Sadhana Natu- H.O.D. MODERN COLLEGE, Ganeshkhind.

Throughout the year Psychology Department organized various co-curricular and extra- Curricular activities.

GUEST LECTURES

Guest lectures of eminent Psychologist were arranged to give in depth knowledge to students.

Topic	Speaker	Designation
Childhood disorders Learning disability	Dr. Sanyogita Nadkarni Dr. Anhalpa Paranjape	Child psychiatrist Fonder member Morris Trust

WORKSHOPS:

In order to give practical demonstration of Psychological skills workshops were conducted for students and teachers.

Topic	Resource Person	Designation
Advanced Statistical Counselling for HIV	Dr. Medha Kumthekar Mrs. Purva Deshpande	Ex.Professor S.N.D.T.University Lecturer in Psychology Modern College

FIELD-VISITS

Field-visits were organized to make students aware of applications of Psychology in various fields.

Name of the Institute	Objective of the Institute
Kabir Baug Vipashana Kendra Samparka Balgram, Bhaje. TEPSE, Jodhpur	Yoga Therapy Vipashana Therapy Orphanage. Training of autism.

PLACEMENT

Our M.A. students were given Placement in various schools, and institutes for their training in counselling skills.

Different schools, Remand Home, Old age Homes, granted permission to do field-work in their institutes.

Most of our pass out students also got employed in various institutes.

INFORMATION OF DEPARTMENT STAFF

RESOURCE PERSON

Chairperson of scientific paper reading session at International Conference at Aurangabad.

Invited to deliver special talk on 'Self concept and its assessment' at National level workshop, organized by MODERN COLLEGE of Education, Pune -5.

Invited as a member of panel discussion at National level conference, Jodhpur, Rajsthan, on the topic 'Emotionally disturbed children'.

Invited as a member of symposium at state level seminar S.S.S. College, Junnar on topic 'Career in journalism and performing arts'.

Resource person at New arts college, Fergusson for syllabus revision.

PARTICIPATION AT SEMINAR AND WORKSHOP.

Smt. Shradha Deshmukh, Smt. Vijaya Jagtap, and Mrs. Shweta Kakade participated in National level workshop on 'psychological testing' by MODERN

COLLEGE of Education, Pune -5
Smt. Smita Vaidya, Mrs Amruta Oke, and Mrs. Shweta Kakade participated in state level seminar on 'psychometrics in 21st century' organized by S.P. college, Pune.

Smt Vijaya Jagtap participated in teacher's workshop for syllabus revision at New arts college, Ahemadnagar.

OUTSTANDING ACHIEVEMENT

Mrs. Mangala Salunkhe, who has been rendering her services since the department of psychology has started in our college, has been felicitated by the University of Pune, for her services in Non teaching staff, Award of Excellence.

Mrs. Amruta Oak
Head, Department of
Psychology

Planning Forum

The Planning Forum is an association which gives non formal education to the students in understanding 'Economic policies of the nation'.

The following activities were carried out in the academic year 2008-09

- 1) The Forum was inaugurated at the hands of Dr. Santosh Dastane, Director Neville Wadia Institute of Management, Pune on Aug 22, 2008. The guest spoke on 'Inclusive Growth.'
- 2) The 43rd Seth Walchand Hirachand Memorial Elocution competition was conducted on December 30, 2008. This is a activity sponsored by

Forum of Free Enterprise, Mumbai and conducted by Modern College Pune-5 since last 30 years. The topic of the elocution given by this organisation are related to Economic policies. The following students won the prizes sponsored by Forum

* First Prize- Makrand Hajare ,SYBA
(Rs 3000/-)

* Second Prize (Shared)
a) Prathmesh Joshi, TY B Com. C
(Rs 1000)
b) Preeti Wagh, FY B Com C
(Rs.1000)

* Third Prize (Shared)
a) Madhuri More, FY B Com C
(Rs 500/-)
b) Rohini Bramhapurkar, SYBA
(Rs 500/-)

* Consolation Prizes
a) Komal Pansare ,SY B Com
b) Ganesh Shelke, SY BA

Certificates were awarded to top best six speakers by the Forum of Free Enterprise.

- 3) An Essay competition on 'The impact of Global Recession on the Indian Economy' was conducted on Jan 21, 2009

The Prize winners were

- * First Prize -
Hemant Shivaji Raut ,TY BA
- * Second Prize -
Prajacta Jagdish Gaikwad FY BA
- * Third Prize-
Vrushali .S.Shinde SY BA
- * Consolation Prize -
Hema Laxman Sutar SYBA

- 4) A mock interview especially for students of Arts was conducted on 21-2-09. All participants were guided and given tips on interview

techniques. The Prize winners were

- * First Prize-Vrushali .S.Shinde,SYBA
- * Secbnd Prize- Vinod Kamble ,TYBA
- * Third Prize(Shared)-
 - a) Pranav Bhave ,FYBA
 - b) AniketHinge,TYBA
- * Consolation Prizes-
 - a) Madhuri Waghmare ,SYBA
 - b) Prajacta Jagdish Gaikwad ,FYBA
- 5) A Quiz competition on Indian Economy was conducted on 30-01-2009. The winners of this competition were First Prize-Pooja B Badekar TYBA Second Prize- Mayur Agarkar FYB A Third Prize- Bhagyashree Kadam SYBA
- 6) Ms Sonal Gupte, Information Services Consultant, Pune, guided our students on Studies Abroad in U.K on 5-2-2009
- 7) A visit to Gokhale Institute of Politics and Economics, Pune was organised for the students on 13-2-2009.Mr Chowdhary of the library section shared information of the Institute for about two hours.
- 8) The valedictory function was held on 17-2-09 at the hands of Dr Shrikant'S Kalamkar ,Reader and officiating Registrar, Gokhale Institute of Politics & Economics, Pune. He spoke on the. Agrarian crisis and Government Policy .On this occasion Principal Zunjarrao sir and vice-principal Prof S.S.Deshmukh guided our students.

The above activities were the result of constant encouragement from Principal Rajendra Zunjarrao ,Vice-Principal Y.R.Waghmare and good team work done by Prof Suresh Deshmukh,

Prof Rupesh Bansode ,Prof Ms Majumdar,Prof Sandhya Vartak and Dr Mrs Madhu Satam

Dr Abhay Shende
Chairman ,
Planning Forum

Commerce Association

Commerce Association is an association of all the commerce students. During the year under review the following programmes were held :-

1. Letter Head Design Competition
2. Walk-in-Interviews.
3. Audio visual advertisement competition.
4. Press Advertisement Competition.
5. Commerce & Business Quiz Competition

The following faculty members extended full support in conducting various programmes.

* Dr. A. V. Kamble * Prof Vijay Gaikwad * Prof. S. R. Hirwe * Prof. Sandhya Vartak * Prof. Swati Ahiwale * Prof. D P Mule * Prof. Roopesh Bansode * Prof. Rasika Date * Prof. Suresh Mehta * Dr. Y. R. Waghmare * Vice Principal & Head Dept. of Commerce always encouraged to conduct various activities. Students were encouraged to read business magazines and business & Commerce related newspapers.

The Prize Distribution Coremony was held at the hands of Prin. Dr. Umrani, Garware College of Commerce. He spoke on Career Opportunities available to comcece students.

Dr. R. W. Kulkarni
Chairman, Commerce
Association.

Department of Geography

Department of Geography conducted academic & other activities smoothly in year 2008-2009. In addition to classroom teaching various other activities were conducted by the department at various levels such as Junior, Senior & Post Graduate courses.

POST GRADUATE WING

1. Village survey of Vadhu Khurd for Samarth Bharat Abhiyan was conducted by the department in September 2008 & village survey report was prepared. All members of the staff & Post graduate students participated in the village survey.
2. A lecturer on GIS was organized for P.G. students by Mr. Mukut Talukdar on 16th Jan 2009.

EXCURSION TOURS (SENIOR WING)

1. On 26th July 2008 an excursion tour was arranged for S.Y.B.A. & T.Y.B.A. (Geography. Special) students at Nagaon & Kihim accompanied by Prof. Nayana Kulkarni, Prof. Vilas Kamble & Shri. Shendkar.
2. On 6 September 2008 a excursion tour was arranged for F.Y.B.A & S.Y.B.A. Students at Alibaug & Nagaon accompanied by, Prof. Nayana Kulkarni, Prof. Vilas Kamble & Shri. Shendkar.
3. On 29th September a study tour was arranged for M.A. Geography Sem-I students at Revdanda & Nagaon accompanied by Prof. Nayana Kulkarni, Prof. Vilas Kamble & Shri. Shendkar.
4. On 7th Feb 2009 a study tour was arranged for S.Y.Bsc. Students at

Mahabaleswar with Department of Botany accompanied by Prof. Navnath Wayal.

OTHER ACTIVITIES

1. Prof. Nayana Kulkarni was member of organizing committee for I.I.G. conference conducted by University of Pune.
2. Prof. Sunita Gaikwad & Prof. Amit Sonawane were deputed for GIS training programme at I. I. T. Powai.

JUNIOR WING

Prof. Mansing Salunke delivered lectures for teacher training programme at Borawake College (Shrirampur), New Arts & Commerce College (Ahmednagar), Azad College (Satara) & M.E.S. staff academy (Pune). He also delivered lectures for students at Anant Highschool (Satara), Annasaheb Awate College (Manchar), Mamasahab Mohol College & Modern High School Pune.

Prof. Vilas Alhat was invited to deliver a lecture for 12th students at Annasaheb Awate College, also invited by Haridas charitable trust to deliver lecture on 'Population'. He was appointed on as a selection committee member by Charitra Prathishtan Puraskar.

Prof. R.V. Zagade was invited to guide 12th std. students for practical Geography by Mahatma Phule Sanskrutik Manch Sinhgad road. He was appointed as a Geography expert in school Inspection Panel.

VILLAGE SURVEY-

Following villages are surveyed by the students of XI Geography as part of their curriculum. They studied the interaction between Physical factors and economic activities, soil erosion & natural vegetation of these villages.

Following teachers organized the village surveys.

1. Aundh (Satara) for 11 Science- Prof. Salunke,
2. Nhavi Budruk (Satara) For 11th (B) Prof. R.V.Zagade
3. Aundh (Satara) 11th (A) & 11th Science- Prof. Vilas Alhat

Following Book are published by the Junior College Teachers.

PUBLICATIONS

Prof. Mansing Salunke

- 1 .XII Geography.
- 2.XII Practicals in Geography.(M)
- 3.XII Environmental Science
- 4.XII Practicals in Geography.(E)

Prof. Vilas Alhat

- 1 .Dahavi Diwali
2. Baravi Diwali

Prof.Nayana Kulkarni
Head, Department Of
Geography

Department of
Computer Science

The need for the hour is excellence in every field of operation, and particularly "Information Technology". Realizing this need, the Computer Science Department, Modern College, Pune-05 is engaged in molding tomorrow's information and communication technologists today.

Our students are in the field of Computer Science and Applications. Their entry for the course is on the basis of merit. At the undergraduate level their performance at HSC (Science) with mathematics as compulsory subject is

the criteria for the admission. At the postgraduate level their performance at the B.Sc. (Computer Science) degree and performance of the entrance examination is the criterion for the admission for the M.Sc. (Computer Science) course and MCA (Under Science Faculty).

We are proud that the students opt for our centre with highest priority. As a result, the students of Modern College, Shivajinagar, Pune-5 are at the forefront of the IT field. During their graduate and postgraduate studies they undertake projects which are relevant to the current industrial needs. These projects have helped students to apply their theoretical knowledge to real life situations.

Through practical demonstrations, Guest Lectures, Group Discussions etc, we bring the latest in computer technology to our students. Co-curricular activities sharpen their minds and other skills.

We have a dedicated team of teachers, experts and well equipped laboratories. The young and highly qualified team of faculty members spares no efforts to keep the students well informed and in updating their knowledge. The students are also reciprocating by their high achievements in academic performance.

A large number of students are getting excellent placements in India and abroad. Every year several students are also selected in reputed foreign universities for higher studies. Various educational authorities have noted the achievements of reputation of the college. The Government of Maharashtra and University of Pune

have recently accorded sanction to increase the intake capacity of M.Sc. (Computer Science) Course and MCA. College has started MCA (Under Science Faculty) programme from the academic year 2003-04. There is overwhelming response from the students to secure admission to the courses offered by department.

Activities conducted during the year:

Placement Activity
Student Counseling
Best Programmer Competition
Campus interviews
Seminars
Workshop
Group Discussion
Mock Interview
Guest lectures
Single Window-A Centralized Admission Programme
Departmental Library
Conduction of Entrance Examination at Mass Level
Zaroka - The Desktop .. article column

Workshops

This year the Department had organized a One Day Workshop on Framing of S.Y.B.Sc.(Computer Science) Syllabus on 17th December 2008. Workshop was inaugurated by H'ble Dean Dr. V. B. Gaikwad, Prof. Arun Gangarde (Chairman, Board of Studies in Computer Science), Dr. A. K. Pande, Prof. P. S. Chirputkar (Chairman, LMC) Dr. R. S. Zunjarrao (Principal), Prof. A. G. Gosavi (Visitor) were present for the function. All members of Board of Studies in Computer Science of Pune University had participated in the workshop. There were 85 participants from different colleges who had actively

participated in this workshop. Prof. Mrs. Madhuri Ghanekar worked as co-ordinator for the same. All teaching and non-teaching staff members took active participation in the smooth conduction of the workshop. This workshop was arranged under Quality Improvement Programme of University of Pune. We are also thankful to the college administration for providing us necessary support and co-operation to conduct the workshop.

SEMINARS

This year the Department had organized a Seminar Series by inviting eminent personalities from the field of IT. Prof. Mrs. Manisha Suryawanshi worked as co-ordinator for the same. This activity proved beneficial to the students as well as to the staff members and helped in establishing college and industry relationship. All teaching and non-teaching staff members took active participation in the smooth conduction of the seminar series. This seminar series was arranged under Quality Improvement Programme of University of Pune. We are also thankful to the college administration for providing us necessary support in this regard.

Details of the teachers who have participated in seminars / workshops:

Prof. Mrs. Manisha Suryavanshi, Prof. Mrs. Sangeeta Raut, Prof. Mrs. Anjali Sardesai contributed in the preparation of practical course Booklet of F.Y.B.Sc. (Computer Science). The booklet is published by University of Pune at the hands of H'ble Dr. Narendra Jadhav Vice Chancellor, Pune University and H'ble Dr. V. B. Gaikwad, Dean, Science Faculty, University of Pune. Prof. Mrs. Shilpa Dange completed

M.Phil degree from Bharati Vidyapeeth, Pune

Prof. Mrs. M. S. Suryawanshi, Prof. A. V. Sathe, Prof. Anjali Sardesai, Prof. Kalyani Salla, Prof. Mrs. Radha Khedekar, Prof. Mrs. Pallavi Thakar had attended workshop organized by Department of Computer Science, Fergusson College, Pune on the subject Revision of MCA Syllabus

Prof. A. V. Sathe had attended workshop on Cyber Law and Security organized by Modern College, Ganeshkhind, Pune -53.

Inter College Competitions organized:

The Department had organized Best Programmer Award Competition. Prof. Mrs. Ghanekar M. S. worked as a chairperson for this event.

Mr. Jadhav Dnyaneshwar from F.Y.B.Sc.(Computer Science) was awarded Best Programmer Award of the Year. All the teaching staff and non-teaching staff members of the department helped to conduct activities smoothly.

Activities and support from the Alumni:

Past students have supported in placement of current batch students in the reputed IT industries and in offering training programmes.

Project guidance is made available from alumni to the students by means of lectures, project guidance & counseling sessions.

Group Discussion and Seminars: Group discussion and seminar sessions of past students are arranged on every Saturday on different topics.

Student achievements and awards:

Students took lead in organizing Science Exhibition/ Poster Competition and participated in various intercollegiate events. Students secured prizes in the various events. Modern College has secured Champions Trophy in an event Interface 2009 organized by Modern College, Ganeshkhind, Pune-53.

Prof. Ms. Shilpa Dange, Prof. Mrs. Anjali Dardesai, Prof. Mrs. Radha Khedekar, Prof. Mrs. Sangeeta Raut promoted students to participate in the various intercollegiate events.

S.Y. B.Sc. (Computer Science) Class secured First Prize in the Annual Social Gathering (2008-09) of the college.

Placement Service provided to the students:

Department of Computer Science runs placement activity through a Placement Cell for Post-Graduate Students and Under-Graduate Students. This year Prof. Mrs. Manisha Suryawanshi worked as a Placement Co-ordinator for the placement activity under her able guidance 96% of students from the Post-Graduation Wing (M.Sc. Computer Science, MCA) were placed in reputed organizations. All teaching and non-teaching staff members of the Department provided necessary support in smooth conduction of this activity. Under Graduate students are also placed in reputed software companies such as Patni, IBM, Wipro, etc.

Any other relevant information:

Shri. Balasaheb B. Dalvi awarded

Best Non Teaching Employee Award of Progressive Education Society on the occasion of Late Shankarraoji Kanitkar Day Function.

Staff members had taken active participation in the admission process of F.Y.B.Sc.(Computer Science), MCA & M.Sc.(Computer Science) courses.

A committee was constituted for conducting M.Sc. (Computer Science) & MCA entrance Examination 2008. Dr. G.R. Ekbote (Chairman, P.E. Society) Prof. P. S. Chirputkar (Chairman, LMC), Dr. A.K. Pande (Chairman, LMC) Principal A. G. Gosavi (Chairman of the Committee) Dr. Sulbha Deuskar (Vice Principal, P G Wing) provided us necessary guidance & administrative support in organizing the entrance examination smoothly.

Mr. Samir Badmanji had undertaken maintenance work of the computers & allied peripherals of the college.

A Voters on-line registration programme was arranged on 4th March 2009 in association with Daily Indian Express and Jagore/Jangraha NGO. There was good response for the registration. This activity was conducted on same day all over India and around 200 student voters registered their name from our college centre.

**Prof. Deshmukh S. S.
Vice Principal and
Head, Department of
Computer Science**

Department of Zoology

The departmental staff completed routine teaching work in time for internal as well as university examinations. Study tours for SY and TY students were organized. For SY BSc students visit to local academic institutions was arranged. The visits allowed students to get additional knowledge about Fisheries Science, Apiculture Sericulture, Poultry Science, etc. The staff members actively involved in this visits were: SJ Thatte, BT Kalbage and AM Bhalerao.

T.Y. B.Sc study tour included visits to coastal areas in Konkan and was arranged & conducted by NM Naidu. Students got their first hand knowledge about coastal ecosystem and the animals that are found on our west coast.

H.V. Ghate, N.M. Naidu and S.J. Thatte were invited to deliver lectures for the Ornithology Course run at the Garware College. H.V. Ghate is one of the members of the committee who designed this course.

H.V Ghate was also invited to give a talk at National Chemical Laboratory, Pune, at a Biodiversity Seminar jointly organized by Maharashtra Academy of Science and National Chemical Laboratory, during November 2008.

Department has a tradition of good research work for the past 30 years. This year also H.V. Ghate completed the 2nd year of a collaborative DBT project (with Y.S. Shouche, NCCS, Pune). Posters based on the work were presented at two conferences: in Banares Hindu University (BHU)

conference (February 2009) the poster was selected as the best poster (and won I Prize). H.V. Ghate was specially invited to present his research work at a conference held in Bhandarkar college at Thane, in November 2008. A.M. Bhalerao also attended this conference. H.V. Ghate also completed 2 year project funded by BCUD in which A.M. Bhalerao was a co-investigator. HVG also published a couple of papers in National as well as International Journals. Useful equipment and books were obtained for research through both DBT and BCUD grants. BCUD Project has also initiated some collaborative activity with eminent taxonomists and a few papers will be soon published in collaboration. NM Naidu also completed 2 year BCUD project.

H.V. Ghate launched a website of his own to project work on insects that was carried out by him and his students at Modern College. This website is available at www.insectsofindia.in for everybody to see and comment. In the initial stages it will host pictures of rare and interesting insects and also provide additional information soon.

H.V. Ghate, as a member of BOS in Zoology, took active part in formulation of S.Y.B.Sc syllabus. A.M. Bhalerao worked as Chairman of the Committee formed for the revision of S.Y. Syllabus in Zoology. H.V. Ghate and A.M. Bhalerao also participated in one day workshop, regarding revised FYBSc Zoology syllabus, arranged at and by the Abeda Inamdar College, Pune. H.V. Ghate has also worked as LIC Member of the University of Pune during this academic year.

A.M. Bhalerao was invited to teach

entomology to MSc zoology students at the University of Pune.

S.J. Thatte participated in a National Symposium on "Emergence of Modern Technology and Development in BioSciences", Organized by Department of Zoology at Modern College, Ganeshkhind. S.J. Thatte also worked as a member of the organizing committee for workshop on "Personality Development for College Girls" and also attended a workshop on "Empowerment of Women",

N.M. Naidu worked as Judge for the "paper Presentation Competition" organized by the Science Association. He was also invited to TC College, Baramati, to deliver a talk under Quality Improvement Program of the University of Pune. Progressive education Society felicitated NM Naidu as "Best Teacher" this year.

Zoology Department organized a lecture on Pet care (in collaboration with ROAR Organization, Pune) for students of SY and TY BSc.

Prof. Dinendra Raychaudhuri, Zoology Department, University of Calcutta, visited the department and expressed deep satisfaction about the taxonomical research conducted by HV Ghate. A discussion on possible collaboration has also been initiated at this time.

Prof. Dr. H. V. Ghate
Head, Department of
Zoology

Department of Botany

The Botany Department has always tried to impart quality education at Junior, Senior, Graduate, Post-graduate, Doctoral research and Post Doctoral Research levels. In the academic year 2008-2009, 231 students for XI and 210 students for XII took admissions. The strength of F.Y.B.Sc class was 60 students, S. Y. B. Sc. was 79 students, T.Y.B.Sc. was 06 students, M.Sc.I 26 students and M.Sc.II 23 students. At present four students have enrolled for the Ph.D. degree of University of Pune and are perusing their research in the Post Graduate Research Centre of the Department of Botany.

1) Departmental Activities

a) Department of Botany and St.Angelo's Computers Ltd. jointly organized IT Aptitude Test for students of T.Y. B,Sc. and M.Sc. Botany on 18th July 2008. The selected students were offered scholarship by St Angelo's Computers Ltd.

b) A Talk was organized for undergraduate students on the topic 'Job opportunities in United Kingdom' by Sonal Gupte, Information Consulting Services.

c) A two days Lecture Series was organized by the Department of Botany on 31st January 2009 and 3rd February 2009 under Quality Improvement Programme of University of Pune. The theme of this lecture series was 'Careers in Botany'. Prof. Dr. G.S.Chinchanikar from the Department of Botany, University of Pune, Prof. Dr.M.G.Shitole, former Head of the Botany Department,

University of Pune, Prof Dr. V.D.Ranade, Head of the Department of Botany, Abasaheb Garware College, Pune and Dr. S.L.Laware from Fergusson College, Pune, guided the undergraduate as well as post graduate students of the Department of Botany

d) Study tours and excursion

- i) Local Botanical excursion tour was organized for the students of T.Y.B.Sc. Botany on 25th August 2008 to 'Vetal Tekdi' Pune for the study of plant diversity and collection of plant specimens.
- ii) Local Botanical excursion tour was organized by the Botany Department on 1st October 2008 for F.YBSc. & T.Y.BSc Botany students to Mulshi and Dongarwadi for studying plant diversity and also for collection of plants.
- iii) A Botanical Excursion Tour was organized at Mahabaleshwar for the students of S.Y.B.Sc. & T.Y.BSc. on 7th February 2009 for collection of angiospermic plants.
- iv) A Three day excursion tour was arranged at Dive Agar and Harihareshwar for the students of M.Sc. I and T.Y.B.Sc. for the collection and study of marine algae.
- v) A short visit to the Biofertilizer Unit on the campus of College of Agriculture, Pune, was organized for the students of S.Y.B.Sc, on 27th March 2009. vi. A visit was arranged for the students of F.Y.B.Sc. to study the architecture and working of Green House. This visit was arranged at the College of

Agriculture, Pune, on 6 January 2009.

2) Student's achievements

Bidkar Monali, Oswal Veena and Churi Ruta, the students of S.Y.B.Sc. Botany participated in the Inter Collegiate Poster Presentation Competition 'Botanica- 2009' held at the Nowrosjee Wadia College, Pune on 30th and 31st January 2009 and won the first prize.

3) Achievements of staff members

Dr. R.S. Zunjarrao

- i) Appointed as Principal of Modern College of Arts, Science and Commerce, Shivajinagar, Pune- 5, from 7th July 2008.
- ii. Participated in Training programme for Principals, on college administration, organized by YASHADA, Pune, on 9th to 13th February 2009

Mrs. K.R.Gandhe:

- i) One Ph.D. student Shri. Kuvlekar Aniket Arun was awarded Ph.D. degree under the guidance of Dr.(Mrs.) K.R Gandhe on 23rd March 2009.
- ii) Participation and collaboration with Indian Institute Of Remote Sensing , Department of Space , Indian Space Research Organisation,(ISRO) Government of India,Dehradun,forVegetation Carbon Pool Assessment Project in India, 2009-2010.
- iii) Published a research paper entitled "Biochemical and Molecular Analysis of some gall forming rust fungi from Maharashtra India" in Mycologist News,(2008) 1:13-14.

- iv) Published a research paper entitled "Auxin like Activity of extracts from hypertrophied tissue of Accacia eburnean infected with Ravenelia esculenta. Plant Cell Tissue and Organ Culture,(2008)94 : 101-104.

- v) Published a research paper entitled "Enzymatic and hormonal studies in Accacia eburnean infected with Ravenelia esculenta. In Zoo,s Print journal,(2008)22 (8) 2781-2785.

Dr.Mrs.N.M.Patil

- i) Selected by University by Pune as subject expert for selection of candidate in Botany subject at senior college at Pune Jhila Shikshan Mandal, Erandvana, Paud Road, Pune 38 on 1-9-08.
- ii) Recognized as a Post Graduate teacher (by Papers) in Botany subject for a period of Five years from 7-7-2008 to 6-7 2013
- iii. Attended and participated in one day workshop on 'Restructuring of S.Y.BSc Botany Theory Syllabus organized by the Department of Botany, Nowrosjee Wadia College, Pune.1 on 24th January 2009
- iv) Poster Presented in Regional conference for Pune University college Teachers "INNOVATION-2008" at Vidya Prathisthan college, Baramati on 12th & 13th November 2008

Dr.R.B.Barmukh

- i) Under the guidance of Dr. T. D. Nikam, Département of Botany, University of Pune, he worked for the Ph.D. degree of University of

Pune and was awarded the degree in July 2008. 11. Published a research paper entitled 'Promotion of seed germination in *Pterocarpus marsupium* Roxb.* in the Indian Journal of Plant Physiology [Voll3(2): 143-150]

- iii) He has been recognized as a Post Graduate Teacher (by Papers) in Botany subject for a period of five years, from 7-7-2008 to 6-7-2013.

Prof. U.R. Wayase

- i) Selected for the orientation course (from 1st March to 28 March 2009) at the University of Pune.
- ii) Recognized as a Post Graduate teacher (by Papers) in Botany subject for a period of five years from 7-7-2008 to 6-7 2013.

Prof. P.V.Shelar

- i) Poster Presented in Regional conference for Pune University college Teachers "INNOVATION-2008" at Vidya Prathisthan college, Baramati on 12th & 13th November 2008.
- ii) Worked as Co-ordinator for the "One week work shop on personality development ", arranged at Modern College of Arts, Science and Commerce, Shivaji Nagar, from 16th to 21st March 2009.

Prof. R.N.Ingole

- i) Participated in Educational trip to GMRT Khodad, Rajgurunagar.

Prof Ms. M.G. Mandhare

- i) Invited as Resource person to give guidance for XII GET Examination , in T.C. College Baramati on 10* June 08 and

H.V. Desai College Pune-02 on 28th Jan. 2009.

Dr. R. S. Zunjarrao
Head, Department of Botany

Department of Electronic Science

Department of Electronic Science of the college is actively engaged in various academic , curricular and extracurricular activities through out the year. The student strength of the department is about 630 , which includes Junior , Senior and P.G. students.

A) Activities conducted during the year

Workshops / Event / Competition Organized:

- I) A one day workshop on Syllabus framing of M.Sc. II (Electronic Science) was organized on 11th Oct 2008 by the department. Different Experts from industry and Government organizations contributed their views and ideas on different topics from syllabus. Prof. S. R. Chaudhari has worked as the coordinator for the workshop. Twenty five post graduate teachers from various college of University Pune were present for the workshop.
- II) Under the Quality Improvement Program of Pune University, department of Electronic science has successfully organized National Level hands on training in embedded systems from 20th October to 22nd October 2008. Prof. D.B. Gaikwad

worked as convener for the event. Eighty eight students from various colleges & Institutes from different parts of India were participated in the workshop. Dr. K. S. Chari from Department of Information Technology, Government of India Inaugurated the workshop and also delivered an informative lecture on Embedded system applications. Dr. A. D. Shaligram Head ,Department of Electronic Science, University of Pune , also chaired the sessions.

III) Program of Alumni was held on 13 December 2008 . Forty past students participated in the meet.

IV) Departmental level project competition for Undergraduate students on the eve of Science day was conducted on 27th February 2009. Vishal Kolhe received first prize in the competition.

V) The state level M.Sc. Project Competition was successfully organized consecutively for the second time on 01st and 02nd April 2009 at Progressive Education Society's, Modern College, Shivajinagar Pune-5. The competition was organized in collaboration with IEEE, Solid State Circuits Society (India Council Chapter) and Board of Students Welfare, University of Pune, Alumni specially Mr. Ram Raj Pandey (USA) has donated generously for this event. Nearly 86 students with M.Sc. Electronics/Electronic Science / Instrumentation / Physics from various post graduate departments in Maharashtra participated in the competition. The projects were judged by renowned referees from industries, academicians. Prof. D.B. Gaikwad worked as co-ordinator for the

competition.

Dr. Bhausaheb Botre , who has recently achieved his doctorate in Electronic Science with topic embedded system through strenuous challenges , was felicitated with the hands of Dr. K.S. Chari during this event..

First prize of the competition was awarded to Modern college team with the project Automatic Weather Station . Piyush Manvar ,Miss Harshada Pawar, presented the project work.

Special prize for Agrielectronics was awarded jointly to the projects Automatic Weather Station from Modern college and Green House Automation from Fergusson college. This prize was sponsored by Prof. Varsha Bapat who is our past student , in the memory of her father Late Dr. Bhagwantrao Dhonde great agriscientist.

B) Workshop, National Seminar Participation by the staff members:

Many of the staff members have participated , worked as resource persons in the syllabi revision workshops organised at various colleges . Also some of the staff members were the members of organising committee for National andn International workshops arranged by the college. All the teaching and non teaching staff members of the department have participated whole heartedly in the activities organised by the department.

C) Educational Trips

For better exposure to industry &

institute, every year department organizes educational trips /tours. This year department has successfully organized One/two day's trips at different places. These are listed as below.

Place	Staff Members	Students	No. of Days
Kissan 2008 (Moshi) Organized by Ministry Of Agriculture	Mr. S. R. Chaudhari Mr. B. B. Yenage Mr. G. M. Tarate	F. Y. B. Sc T. Y. B. Sc. students	One
Shivaji University, Bhilwadi, Chitale milk dairy	Mr. B. B. Yenage Mr. T. B. Sonawane Miss. A. A. Kulkarni	T. Y. B. Sc students	Two
Akashwani Pune	Mr. D. B. Gaikwad Mr. G. M. Tarate	S. Y. B. Sc.	One

D) Guest lectures

1. Nitin Patil ; RTOS application with ARM processor
2. Imran Patil Linux operating system
3. Rajesh Wagle Networking
4. Kiran Kale ASIC design using VHDL
5. A. V. Sathe Advanced Communication System

E) Paper Presentation by Staff Members

1. Mr. A. V. Kamble presented a paper entitled Computerized antenna tracking system in National Symposium on Instrumentation organized by Instrumentation Society of India, vishakhapatnam and Andra University college of Engineering. The symposium was held on 8, 9 & 10th Dec 2008
2. Mr. D. B. Gaikwad presented his research project entitled Microcontroller based Automatic Weather Station at INNOVATION , workshop held at Pravanagar .
3. Mr. T. B. Sonawane presented a paper entitled Computerized antenna tracking system in National Symposium on Instrumentation organized by Instrumentation Society of India, vishakhapatnam and Andra University college of Engineering. The symposium was held on 8, 9 & 10th Dec 2008.

F) Refresher / Orientation

1. Prof. A. V. Kamble completed Refresher course in computer application, at University of Pune.
2. Mr. T. B. Sonawane completed Refresher course in Information Technology at Academic staff college Nagpur University, Nagpur from 10 -12 - 2008 to 30 -12 - 2008.
3. Mrs. Saroj S. Hole completed refresher course in Physics (Electronics)

conducted at department of physics , university of Pune from 03 march to 23 March 2009 .

G) Project competition Participation:

1. M.Sc. Students participated in Avishkar , held at H.V. Desai college On 14th February 2009 , Project competition for undergraduate courses was organized at Poona college . Our T.Y. B.Sc. Students participated in the competition and won the second prize along with the Rolling trophy for best presentation of the project in the competition.
2. Under the guidance of Prof. T. R. Kumbhar , Prof. T.B.Sonawane and Prof. S.R. Chaudhari ,three T.Y.B.Sc and five M.Sc. students successfully participated in project competition organized by Dept. of Electronic Sc. Poona College. Manasi Date received Second prize in competition. Our team received prestigious M.A.MITHA rolling trophy for the best team performance

H) Project Collaboration with industry and institutes:

Name of Institute	Name of Project	Student Name
National Chemical Laboratory ARK control , Chinchwad	ARM Based Data logger GPS Data Logger	Sameer Kelkar Prachi Punde Padhye Shweta Kashid , Veer

I) Activities & Support from Alumni.

1. Support from past P.G. students in placement of U.G. and P.G. students
2. Past students are sharing their knowledge by delivering guest lectures for the students.
3. The past students frequently visit the department and share their achievements and career advancement with the faculty . They are keen to know the progress of the department.

J) New appointments and Retirements

Mr. T.R. Kumbhar , Bhavesh Aher , A.A.A. Rizwan have joined the department this year . Teacher in junior college ,Miss. Ameeta Kulkarni was appointed in the B.Sc. Computer wing.

Dr. S.A. Deuskar has retired after completing 39 years of service in educational field. She was given extension by the P.E. Society to teach at the P.G. Level .

Prof. S. R. Chaudhari
Head ,
Deptt. of Electronic Science

Department of Statistics

Department of statistics has maintained its tradition of various academic activities in 2008-09 in the following we take a review of these activities.

1. ACADEMIC ACTIVITIES :

Department of statistics, Modern College and Pune University Statistics Association (PUSA) Jointly organized following activities.

i) QUIZ-I

F.Y.B.Sc (Computer-Science) F.Y.B.Sc Quiz and S.Y.B.Sc Quiz round I organized on 7th January 2009. The written Quiz test was following by a lecture by Dr. Gadre M.P. from University of Pune. Mr. Shirish F.Y.B.Sc and stood first among all F.Y.B.Sc students appearing for the Quiz. Ms. Kirtee Gaikwad, Ms. Shalaka Ingale and Ms. Priyanka Khedekar from S.Y.B.Sc were selected for IInd round

ii) QUIZ - II

Department organized IInd round of S.Y.B.Sc quiz on 7th February 2009. Prof. Kapre P. S. worked as co-ordinator of the Quiz. All staff members helped to organize the event. It is remarkable event and proud to Modern College that Ms. Kirti Gaikwad (S.Y.B.Sc) won the prestigious first Prize. She also got prize in event of elocution and presentation of Statistical application.

iii) PROJECT

Two projects of T.Y.B.Sc students got selected for Project competition organized by PUSA

iv) CAMP

A Personality development camp was organized for T.Y.B.Sc. students on

16th, 17th and 18th January 2009 at Mahatma Phule Krishi Vidyapeeth, Rahuri (Dist. Ahmednagar) Four students for T.Y.B.Sc attended the same. Prof. P. G. Dixit was involved in organizing the camp. He delivered a lecture on Statistical Inference.

2) WORKSHOPS ORGANIZED :

Department organized a syllabus revision workshop on 30th September and 1st October 2008. All the staff members were involved in organizing the workshop. The workshop was inaugurated at the hands of Shri M. S. Pirange, Controller of Examination University of Poona Dr. G. R. Ekbote Presided over the function. Apart from discussion about the syllabus there were lectures by Dr. Pradeep Apte Fergusson College, Pune - 04. Prof. M. B. Kulkarni From B. Y. K. College, Nasik and Dr. M. M. Sane from Modern College, Pune - 05. Valedictory function was presided over by Prof. J. S. Ekbote and Dr. U. V. Naik Nimbalkar was the chief guest.

3) WORKSHOPS / SEMINARS ATTENDED :

i) Prof. P. G. Dixit, Prof. M. M. Sane and Prof. T. P. Deshmukh attended workshop on 26th July 2008. "Implementation of Revised syllabus of F. Y.B.Sc (Comp. Sci.)" at Indira College of science Pune on 26th July 2008. PROF. P. G. Dixit delivered lecture on 7 PC tools and he was guest of honor for the inaugural function.

ii) A. G. College Pune organised S. Y. B.Sc syllabus revision workshop on 29th and 30th August 2008. Prof. P. G. Dixit, Prof. P. S. Kapre, Prof. M. M. Sane attended Prof. P. G. Dixit delivered lecture on implementation of F. Y. B. Sc syllabus. Prof. M. M. Sane delivered

lecture on exponential something.

iii) Prof. P. G. Dixit worked as resource person in workshop on R and syllabus revision at Vivekanand college, Kolhapur on 27th and 28th September 2008.

iv) Prof. P. G. Dixit, and Prof. P. S. Kapre attended National workshop on "Recent Trends in Statistics" on 15th and 16th October 2008 at Yashwantrao Chavan Institute of Science, Satara.

v) Prof. P. G. Dixit attended workshop at Premji Sarda College, Ahmednagar on 29th, 30th November 2008. He was felicitated at the inaugural function.

vi) M. S. University Baroda organized a workshop on 11th, 12th and 13th December 2008 Prof. P. G. Dixit attended and delivered a lecture on Statistical Software and activities for promoting statistics.

vii) Prof. P. S. Kapre and Prof. T. P. Deshmukh attended the workshop on R Programming at A. G. College, Pune on 27th 28th 29th and 30th November 2008. Prof. P. G. Dixit was chief guest for inauguration.

viii) Prof. P. G. Dixit attended a National Seminar at K. C. P. College, Bijapur (Karnatak) on 16th and 17th April 2009. He delivered lecture on "Synthetic control charts for process man"

ix) Dr. M. M. Sane worked as resource person in a workshop arranged for Homeopathy doctors by Dinanath Mangeshkar Hospital on 18th 19th April 2009.

4) LECTURES DELIVERED :

Prof. P. G. Dixit delivered lectures at various institutes as follows :

i) "Guidance for SET examination" at a (a) Kannad Seva Sangh College on 4th May 2008 (b) PUNE University Commerce

Department on 15th December 2008.

ii) "Careers in Statistic" at Krishna College, Rethre on 4th January 2009.

iii) "Applications of Statistics" at Mamasahab Mohol College, Pune on 17th October 2009.

iv) "Contribution of R. A. Fisher in Statistics" at science College, Nanded on 22th January 2009.

v) "Careers in Statistics" at K.P.B. College, Pandharpur on 19th December 2008.

vi) "Uses of Statistics and simulation " at B.Y.K. College, Nasik on 22nd January 2009.

5) PUBLICATIONS.

i) Prof. P. G. Dixit published 7 text books for the classes F.Y.B.Sc, F. Y. B. SC. (COMP sCI), F. Y. B. Com, F. Y. BCA, F. Y. B. B. A.

ii) Prof. P. S. Kapre published 3 textbooks for the classes F.Y.B.Sc (comp. Sci), and F.Y.B.Com.

6) PRIZES

The recipients for various prizes are as follows :

I) Late Sou Indirabai Chirputkar Prize

i) Ms. Sulaksha Gawas (S.Y.B.SC)

ii) Ms. Aarti Salgaonkar (S.Y.B.Com)

II) Late Nirmala Eknath Potnis Prize :

i) Ms. Seema Shelke (T.Y.B.Sc)

ii) Ms. sandhya Kular (T.Y.B.Com)

III) V. R. Dhongade Prize :

i) Ms. Kirti Gaikwad. (F. Y. B. Sc)

VI) V. P. Prayag Prize :

i) Mr. Yogesh Pokharkar (T.Y.B.Sc)

Deserving needy student in T. Y. B. Sc statistics.

MISCELLANEOUS :

i) Prof. P. G. Dixit is co-opted on Board of studies at swami Ramanand Tirth University, Nanded.

ii) Prof. P. G. Dixit is co-opted on Board of studies at Dr. Babasaheb Ambedkar

Marathwada University, Aurangabad.

iii) Prof. P. G. Dixit worked as referee for articles to be published in "Bulletin of Marathwada Mathematical Society, Aurangabad."

iv) Prof. P. G. Dixit and Dr. A. A. Dharmadhikari worked as judges for project Computation of T. Y. B.Sc students of Shivaji University, Kolhapur.

v) Dr. A. A. Dharmadhikari and Dr. M. M. Sane worked as guide for students of Pune intercollegiate consortium.

vi) Dr. M. M. Sane worked as guide for project competition of S. Y. and T. Y. B.Sc students at S. P. College, Pune.

vii) Prof. P. G. Dixit worked on syllabus revision committee for Applied Statistics for commerce restructured course at B. Y. K. College, Nasik

Prof. P. G. Dixit
Head, Statistics
Department.

Department of Physics

This year also the working of the department was very smooth, encouraging and enlightening. The department completed all its work in time during the academic year 2008-2009. Strength: F.Y. B.Sc. -136 S.Y. B.Sc. - 94 T.Y. B.Sc. - 30

Activities organized by the Department:

1. In the first term department had organized 'A Poster Exhibition- The Great Physicist 16th Century To 20th Century' for F.Y.B.Sc. students The exhibition was inaugurated at the hands of Hon'ble Principal Dr. Rajendra Zunjarrao Vice-Principal Prof. Shamkant Deshmukh

distributed the prizes to the students presenting good posters.

2. Study tours - As a part of the curriculum, the department had arranged different study visits for F.Y., S.Y. and T. Y. classes.

a) F.Y.B.Sc. students have visited KISAN Expo '08 at Moshi on 19th December 08

b) S.Y.B.Sc. students have visited GMRT, Khodad on 22nd August 08.

c) T.Y.B.Sc. students have visited IT-Expo on 15th September 08. All the staff members of the department accompanied the students and taken efforts in organization and smooth functioning of these study visits.

3. This year Indian Physics Association's (IPA -Pune Chapter) Poster & Project Competition activity for the under-graduate students of Pune city and Pune District was organized in the Department on Friday, 30 January 2009. The Board of Students welfare, University of Pune had provided the financial assistance (Rs. 7000/-) for the event. In all 160 students from different colleges participated in this activity. The Project Exhibition was inaugurated at the hands of Hon'ble Principal Dr. Rajendra Zunjarrao and the Poster Exhibition was inaugurated at the hands of Vice Principal Prof. Jagdish Chinchore. Vice-Principal Prof. Shamkant Deshmukh distributed the prizes to the winners. Prof. V.T. Shelke worked as a co-ordinator to conduct this activity. All the staff members, non-teaching staff and the students had taken due efforts for the success of the activity.

Participation of the students in various activities:

1. Tushar Kshirsagar from T.Y.B.Sc. class is very well versed in Japanese language and had been to Japan for a period of 26th September 08 to 3rd October 08 to present a play titled as 'Om Shanti'. The play was translated from Marathi into Japanese language by Tushar himself.
2. Padmavati Gunder & Ajinkya Kulkarni from T.Y. B. Sc. class participated in IPA lecture competition which was conducted by Wadia College. Ajinkya Kulkarni won 2nd prize in the said competition.
3. Two of our students Mulay Pratibha & Naik Manisha from S.Y.B.Sc. had participated in IPA Essay competition which was conducted by Fergusson College.
4. A large number of students participated in IPA Poster & Project Competition as this activity was organized by our department itself,
 - i) Snehal Dige, Anuradha Mali and Geeta Sawhney won the first prize for the Poster Competition.
 - ii) Sana Dalai and Padmavati Gunder won the second prize for the Project Competition.
5. Fergusson College had conducted a two days workshop on 'Frontiers in Astronomy'. Our student Akash Khaire from XI - F attended the workshop.

Contribution by the teachers:

1. Prof. A.V.Deshpande and Prof S.S.Thengadi presented a research paper on Computer Interface for Physics Experiments at the University Teachers Conference - Innovation 2008 - held at Padmshri Dr.Vikhe-Patil College, Loni on 26th

and 27th November 08.

2. Prof. A.V.Deshpande was invited as a resource person for a workshop on Information Technology In Physics Education organized by C.T.Bora College, Shirur held on 22nd December 08.

Participation in workshops by the teachers:

1. Prof. A.V.Deshpande and Prof S.S.Thengadi participated in the one day workshop on Emerging Physics held on 4 July 08 at Vidhya Pratishthan's College of Arts, Science and Commerce, Baramati.
2. Prof. V. A. Abhyankar and Prof S.S.Thengadi participated in the one day workshop on S.Y.B.Sc. syllabus revision organized by Anantrao Thopate College of Arts, Science and Commerce, Bhore held on 9th January 09.

Participation in workshops by the non-teaching members:

1. Shri. Shabsikant S Kamthe participated in the one day workshop on 'Personality Development' held on 11th February'09 at M.U.College, Pimpri, sponsored by the University of Pune.

Achievements:

1. Prof. Arun Deshpande is selected as a member of Business Council of the Progressive Education Society for a period of 2009 to 2013.
2. Shri. Shashikant S. Kamthe has been appointed i) As the Vice Chairman of Maharashtra Sports Karate Do Association. ii) As the Joint - Secretary of All India Consumer Protection Committee.

In this academic year Prof.

Anuradha Kulkarni has retired as a Head of the Department on 31st October 08.

Mrs. Vipula Abhyankar
Head of the Department

Department of Microbiology

* A lecture by Dr. Vera Weibs (Germany) was organized by Department of Microbiology and Association of Microbiologists of India (National Level Association) on Patent Deposits.: why to do and how to do?

* A lecture series on "Scope of Microbiology" - was organized by Department of Microbiology under Quality Improvement Program of University of Pune for F.Y., S.Y and T. Y. B. Sc. students and scientists from different institutes such as NCL, ARI and University of Pune.

* A lecture by an eminent scientist Dr. Ajit Singh, (Italy) was organized by Microbiology department on Applications of Nanotechnology in Medicine.

* A lecture of Prof. Parab, Head, Department of English, on Report Writing was organized by our department for P.G. students of Microbiology, Biotechnology, Chemistry, Botany, Electronics, M. Sc. Computer and psychology.

* Epidemiological survey by T.Y. B.Sc. student was done on various diseases such as tuberculosis, AIDs,, Cancer, etc.

* Following visits were organized by department for B. Sc. Students :

1. Visit to forest near Donge village, Sinhgad for collection of

microorganism
habitats for F.Y.

2. Visit to Parab
Purification pl
Students,

3. Visit to NARI, fo

4. Visit to KEM H

& Biochemistry,

B.Sc. Students.

5. Ms. Mohali Bidkar and Ruta churi, from S. Y. B. Sc. Microbiology won first prize and gold medall in Botanica, 2009, intercollegiate compition, organized by Wadia College, Pune.

Teachers Activities:

Dr. Shilpa Mujurndar :

* Attended a workshop on Bio-safety. That was organized by Department of Biotechnology, University of

* Presented a poster on " Bioemulsifier production by Acinetobacter spp. Isolated from rhizosphere environment", organized by University of Pune, held at Vidya Pratishthans School of Biotechnology, Baramati, in November 2008.

* Guided a student for research under PICC scheme.

* Guided students for avishkar project at state level competitpn.

Ms. Rupali Naik:

* Attended a workshop on Revision of syllabus for F.Y.B.Sc Microbiology, held at Sharadabai Pawar College, Baramati.

Miss Smita Bhuyan:

* Guest Lecturer for workshop on "Tissue culture" organized jointly by Kolhapur Institute of Technology, Kolhapur & Bioera Medical Systems, Pune at the Kolhapur Institute of

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Particip ology, Kolhapur. ; ;

1. **Organizing committee** for the workshop on "Analytical biology" conducted by Department of Microbiology, University of Pune.

* Attended a workshop on Revision of syllabus for M.Sc Microbiology, held at K.T. H. ' M. College Nasik.

Mr. VivekN. Bobade

* Participated in the 'Workshop on S.Y.B.Sc. Microbiology syllabus restructuring' held at D. Y. Patil College, Pimpri, Pune.

Mrs. Vidula V. Bindu

* Participated in Pune University sponsored workshop on "Revised syllabus of F.Y. B. Sc Microbiology" , organized by Department of Microbiology, Shardabai Pawar ' Mahila Mahavidyalaya,, Shardanagar, Baramati in September 2008. ;

* Poster presentation on' "Studies on Biofuel production using saccaromyces.

* cerevisiqe in regional research conference for teachers in Life Sciences organizedby University of Pune (BCUD) and Vidya Rratishthan ASC College School 'of Bidoehnology, Baramati, in November 2008.

* Participated, in National level workshop on. "Analytical'Biology" organized by Department .of Micro Biology, University of Pune, in March 2009.

* Guided Avishkar students in poster presentation, at regional level competition.

Ms. Pallavi Todkar:

* Attended a workshop on Revision of

syllabus for M.Sc Microbiology, held at K. T. H. M.. College Nasik.

* Participated in National level workshop on "Analytical Biology" organized 'by Department of Micro Biology, University of Pune, in March 2009.

* Poster presentation on "Screening of textile dye biodegraders from industrial effluent of pune area" in regional research conference for teachers in life Sciences organized by University of Pune (BCUD) and, Vidya Pratishthan ASC College School of Biotechnology Baramati, in November 2008.

* Guided Avishkar students in poster presentation at regional level competition.

Students Achievements:

* Students of F. Y. B. Sc. Microbiology students namely , Rajan Thakur, Neha Daftari, and Sujay Tarak have secured first position and won a trophy in State Level microbiological contest 2008,. Held at R.C. Patel College of Arts, Science land Commerce, College, Shirpur. Dhule.

* Ms. Monali Bidkar and Ruta Churi, from S. Y. B. Sc. Microbiology won first prize and gold medal in Botanica, 2009, intercollegiate competition, organized by Wadia College, Pune.

* Our P.G. students Ms. Shradhha Bashetti and Ms. Sonal Mankar, have selected and won an avishkar trophy at state level, organized by University of Pune.

* Our PG students were selected for cultural program of Common

Wealth Youth games, Pune.

- * Our P.G. students also participated in Youthopia, dance competition, organized by Sakal.
- * Our PG students were also attended a workshop on : analytical biology" organized by Department of Microbiology, University of Pune.
- * Our F.Y. and S.Y. students also participated in different NSS activities.
- * Our PG students namely Mr Mahesh Ghule, Rajesh Chorhal, Aakash Marathe and Ms. Gouri Patil have attended one day lecture series on Taxonomy and Diversity organized by NCL.
- * Our PG students also attended national level Seminar organized by Waghere College, Saswad.
- * Mr. Rohit Mahadik, from T.Y. B. Sc. Microbiology and his team won first prize in NET ball and Korf ball and 2nd prize in Volley ball and 3rd prize in soft ball.

Department of Biotechnology

The department of Biotechnology was established in 2005. It is maintaining its tradition of imparting quality education at UG.PG. and research levels. The department of biotechnology conducted academic and other smoothly in year 2008-2009. The intake capacity of the department in 50 students for F.Y.BT, 45 for S.Y.BT, 45 students for T.Y.BT and for M.Sc. 124 students. In addition to classroom teaching various other activities were

organized by the department.

- Organized lecture on "by Chandramohan from Geetaai University Hyderabad India in
 - Organized lecture on "Higher education & Career opportunities in India and abroad" for B.Sc. Biotechnology in India & abroad & also entrance examination by Mr. Chandra Mohan from Geetai University Hyderabad funded project for awareness regarding opportunities in Biology (July 2008).
 - Organized lecture on Biotechnology by Ajay V. Singh from Italy.
 - Organized lecture on "Pharmaceutical Biotechnology" by Dr. Amit Ketkar USA
 - Biotech Fest 2008 - One day Biotech Fest (7th Feb. 2009) was organized by Dept. of Biotechnology Modern College, Shivajinagar, Pune - 5
- On this day research poster competition was organized for under graduate & post graduate students. Students from Fergusson, Garware, RJSM, New Arts college Ahmadnagar and Modern, Colleges had participated in the competition. A distinguished panel of judges were invited for the competition, they were Dr. P. Sarnaik from ARI & Dr. Paknikar.
- Lecture Series on Trends in Biotechnology & Biosafety was held on 7th Feb 2009. The function was inaugurated by Dr. G. V. Grover Senior Scientist from N.C. L. Head of Research & Planning, Principal Dr. R. S. Zunzarrao, Professor-in-charge Dr. A.

K. Pande and Vice Principal Mr. Delkshmuikh. Dr. G. V. Grover had delivered lecture on "Biosafety practices in day to day Laboratory work"

- Second lecture was on "Plant Biotechnology in Pharmacy" by Dr. Bashir Khan, Head Plant tissue culture Division, N. C. L. Pune.

- Session was concluded with Dr. Uday Deshpandey "Opportunities in Biotechnology" Head, Department of Biotechnology, I square IT, Hinjawadi, Pune

- Arranged a visit of F.Y.S.Y. and T.Y.B.Sc Biotechnology students to National AIDS Research Institute. (NARI) Pune on 1 Dec 2008, World AIDS Day.

- Arranged a visit of S. Y. B.Sc Biotechnology students to Kumar florist Hadapsar Pune and Moving Academy, Kothrud, Pune on March, 2009.

Achievements/extracurricular activities of Teaching Staff

Dr. Geeta Morwal

- i) Was invited as subject expert and resource person for lecture series organized by Modern Pharmacy College Bhosari Pune

- ii) Was appointed by university of Pune as subject expert to conduct interview of lecturer in Biotechnology at RJSM College Bhosari Pune.

- iii) Was invited for BOS (Biotechnology) meeting held on 9th Jan 2009.

- iv) Attended a workshop on Biosafety organized by Department of Botany on 30th Aug 2009.

- v) Attended Syllabus Discussion

Workshop for M.Sc. Biotechnology at Modern College Ganeshkhind, Pune-53. on 5th Sept 2009.

- vi) TYBT students Ms Neha Nanaware presented research posters under my guidance at BIOTECH FEST 2009.

- vi) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009.

Dr. Sangeeta Bhagat

- i) Attended Syllabus Discussion Workshop for M.Sc. I Biotechnology at Modern College Ganeshkhind, Pune - 53.

- ii) Attended Syllabus Discussion Workshop for F.Y.B.Sc. iotechnology at fergusson College, Pune.

- iii) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009.

Dr. Shubhangi Puranik

- i) Attended Syllabus Discussion Workshop for M.Sc. I Biotechnology at Modern College Ganeshkhind, Pune - 53.

- ii) Attended Syllabus Discussion Workshop for F.Y.,B.Sc. Biotechnology at Fergusson College, Pune.

- iii) Conducted a Health Status Camp for women at Vadhu-Khurd village, Pune District in Nov. 2008.

- iv) Attended National conference on REsearch Trends in HBioscience at Nagpur in Jan 2009.

- v) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009.

Mrs. Rebecca /Thombre

- i) Presented a poster on "Effect of Herbal Extract on preservation of

Salmopstoma Novacula" at 3rd International Congress on Bioprocesses in Food Industries & 5th Convention of the Biotech Research Society of INdia, At Osmania University, Hyderabad. India. (6-8 Nov 2008).

ii) Conducted a visit of T.Y.B.lSc Biotechnology students to National AIDS Research INstitute. (NARI) Pune on 1 Dec 2008, World AIDS Day.

iii) Attended a workshop on "Analytical Biology Techniques" organized by Microbiology Dept, University of Pune. (18-21 March 2009).

iv) Five students Ms Pranietha Mudliar, Shubhashree Patra, Grishma Rane, Snehal Jadhav and Aishwarya Ghule presented research posters under my guidance at BIOTECH FEST 2009.

v) The research posters of two of my students Ms Shubhashree Patra and Ms Aishwarya Ghule were selected at National Conference on Biology at Somaiya College, Mumbai. (3 Dec 2008).

vi) Five students presented a project on Antibiotic Resistance at Fergusson College. The students are Ms Pranietha Mudliar, Shubhashree Patra, Grishma Rane, Zareen Khan and Aishwarya Ghule,

vii) Prof. Rebecca Thombre was subject expert for interview committee-To Conduct interview for most of lecturers in microbiology at Sinhgad College of Science, Ambegaon, Pune.

viii) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009.

Mrs. Rama Phadke

- i) lecture on 'Animal Tissue Culture' New Arts, Science and Commerce College, Ahmednagar.
- ii) Member of revision of syllabus in Voc. F.Y., S.Y. and T.Y.B.Sc. Vocational Biotechnology
- iii) Conducted practicals on 'Animal Tissue Culture' in Fergusson College, 2008-09.
- iv) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009.
- v) Attended a symposium on 'Trends in Immunologicals' organized by Sinhgad College of Engineering in Mar 2009.
- vi) Attended seminar "Consortium of industry and academia in Biotechnology - A need of the hour" held at Bharati Vidyapeeth University Pune on 22nd December 2007.
- vii) Attended conference "Innovation - 2008 A regional teacher conference" and present a research paper entitled as "Study of toxic effect of Jatropha curcas L. seed extract on microbial, plant and animal cells" Held at Schhol of Biotechnology, Baramati on 12th and 13th November 2008.
- viii) Working as Principal investigator on project funded by BCUD. It has sanctioned 3 lakh rupees for project entitled "Study of toxic effect of Jatropha curcas L. seed extgract on microbial, plant and animal cells" for the year 2008-2010
- ix) Attended a National seminar on "G. M. crops : future perspseptives : organized by North Maharashtra

university on 21st and 22nd Jan 2009.

x) Conducted a visit of S.Y.B.Sc Biotechnology students to National AIDS Research Institute. (NARI) Pune on 1 Dec 2008, World AIDS Day.

xi) Students presented the poster in "Avishkar" organised by University of Pune, regional conference for students on the topic "Study of toxic effect of *Jatropha curcas* L. seed extract on microbial, plant and animal cells."

xii) Tested the fungal medium sample for growth of animal cells provided by Fergusson college Pune.

i) Conducted a visit of F.Y.B.Sc. Biotechnology students to Department of Physics uNiversity of PUnE 28th Feb 2009, Science Day.

ii) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009

iii) Awarded M.Phil degree in Physics.

Achievement of Students

i) The students of T.Y.BT (Apoorva Deshmukh, Neha Purandare, Rohini Gutte, Pallavi Joshi, Anushree Kogje, Hrishikesh Lokhande, Vikram Shikhare, Anup Puranik) participated in zonal poster presentation named "Avishkar" organized by BCUD, University of Pune on 23-24 Aug 2008.

ii) The students of T.Y.BT Rutuja Bhagwat, Anushree Kogje & Shweta Khaladkar participated in poster competition at National Conference on "Recent trends in Biosciences" Gove. Institute of Sciences, Nagpur and Shweta Khaladkar won 2nd prize

iii) Neha Taware student of T.Y.BT has

won 2nd prize in "Quiz contest" organized by Science Club of our College.

iv) The students of T.Y.BT (Snehal Jadhav, Aishwarya Ghule, Sonia Khoja, Neha Nanaware, Grishma Rane, Sumit Makashir, Hrishikesh Lokhande, Praneitha Mudliar) participated in Poster competition of "Biofest" held by Modern College on 7 Feb 2009

v) S.Y.BT students had participated in "Horizon" organized by Sinhgad College of Science, Pune on 16th Jan 2009 where they won 4 prizes out of 5 events.

The winning teams are

- 1st prize Merin Ninan, Nishma Shah, Akshay Kale, Poonamchand Khilarey (for poster competition)

- 2nd prize Vaishnavi Jadhav, Himani Pathak, Kenaz Siddiqui (for poster competition)

- 3rd prize Prachi Ramteke, Swarna P. S. & Pallavi Undre (for poster competition)

- For Biomodeling 1st prize has won by Nitisha Danve, Sae Jere, Vishal Sharma, Vartika Srivastava.

vi) S.Y.BT students have also participated in "Chimera" Poster competition organized by Fergusson College, Pune. (Divya Bhagdikar, Nitisha Danve, Vaishnavi Jadhav, Sae Jere, Apurva Joshi, Merin Ninan, Himani Pathak, Prachi Ramteke, Nishma Shah, Vishal Sharma, Vartika Srivastava, Swarna P. S., Pallavi Undre, Mokshada Varma, Akshay Kale, Poonamchand Khilarey)

Ms Deepa Satish Valsangkar

i) completed a six months weekend

Certificate course in Medical Genetics at GIB, MUHS, Spune.

ii) Written a review on 'Role and structures of Ped gene and HLA-G gene and their products in pre-implantation development and presented a poster on the same at GIB, MUHS, Pune.

iv) Joined a six months weekend certificate course in 'Reproductive Genetics' at GIB, MUHS, Pune.

v) Attended a symposium on "Trends in Immunologicals" organized by Sinhagad College of Engineering in Mar 2009.

vi) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009

viii) Examinations cleared :-

DBT JRF Cat. B :- Cleared in 2008.

Toefl :- 109/120. (iBT)

GRE :- Q:720/800, V:500/800, AW : 4.5/6

Prof. K. D. Gopale

i) Attended seminar "Consortium of industry and academia in Biotechnology - A need of the hour" held at Bharati Vidyapeeth University Pune on 22nd December 2007.

ii) Attended conference "Innovation - 2008 A regional teacher conference" and present a research paper entitled as "Macro and Micro propagation of *Jatropha curcas* L. and *Pongamia pinnata* vent." Held at School of Biotechnology, Baramati on 12th and 13th November 2008.

iii) Attended one day seminar on Opportunities for Biotechnologist" held at International School of Biotechnology Rajiv Gandhi

Information Technology Park Hinjawadi, Pune on 12th December 2008.

iv) Appointed as Co-ordinator on project entitled as "bio-ecological and Bio-chemical approach to assess lower cryptogams - Grouse Locusts Association" funded by Department of science and Technology for the year 2009-2011.

v) Working as Co-investigator on project funded by BCUD. It has sanctioned 3 lakh rupees for project entitled "Macro and Micro propagation of *Jatropha curcas* L. and *Pongamia Pinnata* Vent" For the year 2008-2009.

vi) Working as Co-investigator on project funded by BCUD. It has sanctioned 3 lakh rupees for project entitled "Study of toxic effect of *Jatropha curcas* L. seed extract on microbial, plant and animal cells" for the year 2008-2009.

vii) Organized and worked as committee member for "Biotech fest" on 7th Feb 2009

viii) Conducting Plant Tissue Culture Course in MCCG. Pune - 5 2008-2009

Ms Ekta Ghate

Attended a workshop/Conference on Cellulose & Molecular Biophysics, at CCMB, Hyderabad, 07, on 22nd, 23rd & 24th January 2009.

vii) S.Y.BT students participated in "Biogallery" poster competition organized by RJSPM College, Bhosari, Pune & 3rd prize has won by Merin Ninan, Nishma Shah, Akshay Kale, Poonamchand Khilarey & Meenal Kadam, Prachi Ramteke, Swarna P. S.,

Pallavi Undre participated in Biogallery.

viii) Apoorva Joshi has been selected by NNT organized by PIICC for one year project

ix) S. Y. BT student Divya Bhagdikar was college topper for "Chemiad-08". This was organized by Chemistry department, University of Pune. She was also selected by NNT organized by PICC FOR One year project.

x) S.Y.BT students Meenal Kadam & Rutugandha Parasnis has taken one week training at "Kumar Florist" biopant for Plant tissue culture techniques.

xi) S. Y. students Merin Ninan & Poonamchand Khilarey participated in interclass Table tennis (Doubles) & Poonamchand Khilarey has won 3rd prize in "Science quiz" held at Modern College.

xii) S. Y. student Mokshada Varma has controlled the traffic on JM Road with NSS students & also won consolation prize in "Chemiad-08" organized by Chemistry department, University of Pune.

xiii) F. Y. BT student (Rutuj Phatate) won the Debate competition held in Modern College.

xiv) F.Y.BT students (Rutuja Phatate & Nupur Mandke) participated in Debate competition held at Fergusson College in month of January.,

xv) F.Y.BT students (Swarda Badwe, Snehal Bhagat, Nupur Mandke, Amruta Gangurde, Madhura Deshpande, Rutuja Phatate, Ashish Poojary) participated in the poster

competition 'Horizon' organized by Sinhgad College of Science, Pune in on 16th Jan. 2009.

xvi) F. Y. students (Rutuja Phatate, Madhura Deshpande, Prabhjot Singh, Sonal Bathija, Supriya Chavan, Ashish Poojary, Nupur Mandke, Amruta Gangurde, Swarda Badwe, Snehal Bhagat) Participated in poster competition 'Chimera' organized by Fergusson College Pune.

xvii) F. Y. Students (Nupur Mandke, Amruta Gangurde, Ashish Poojary, Sonal Bathija, Komal Ghorpade, Rutuja Phatate, Madhura Deshpande, Prabhjot Singh) attended lecture series 'operos' at Sinhgad College of Engineering, Pune.

xviii) F. Y. students won 2nd prize in group dance competition held in Modern College. The participants are Madhura Deshpande, Sonal Bathija, Komal Ghorpade, Supriya Chavan, Nupur Mandke, Amruta Gangurde.

xix) F. Y. Students Supriya Chavan had won 1st prize in solo dance competition held at Modern College.

xx) F. Y. students Supriya Chavan has won 3rd prize & Komal Ghorpade 2nd prize for rangoli competition held at Modern College.

xxi) Swarda Badwe has won 1st prize for classical singing held at Modern College & she has also participated in singing competition held at St. Mira's College, Pune.

xxii) Komal Ghorpade F. Y. student has attended lecture on Career Guidance at Balgandharva organized by Sakal daily News paper.

xxiii) Abha Deshpande of F.Y.BT has topped the Merit list of NNI programme held by PICC.

xxiv) F. Y. Students (boys) have also participated in Football match (interclass).

xxv) M.Sc. (part I) student Tejas Purkar got 1st prize for C. elegans as model in Chimera" organized by Fergusson College in Jan 2009.

xvii) M.Sc. Part I students have attended National Level Seminar at Sinhgad College of Engineering sponsored by DBT, Govt. of India on 14th March 2009 on the topic of "Recent Trends of Immunological" participants are Rahul Bhandare, Pragati Bhosale, Akshay Bhujbal, Arpita Bhurke, Neha Deshpande, Swapnil Dugad, Harshad Ingle, Diti Mahadeokar, Madhuri Memane, Tejaswi Mhaske, Geetanjali Pawar, Ankita Srivastava, Shraddha Solanki, Manisha Waghmare, Priyanka Wangnekar.

xxviii) M.Sc. Part I students have Participated in "Biomodelling" poster competition at Sinhgad College of Engineering on 26th Feb 2009. On the topic of "Protein suppressor of RNAi and its therapeutic potential". Participants are Amit Pawar & Shraddha Solanki.

xxix) M.Sc. Part I students Arpita Bhurke, Amit Pawar and Shraddha Solanki. Participated in Opera - seminar in Jan 2009.

xxx) Amit Pawar has won consolation prize for oral presentation "Role of life sciences in human welfare" organized science club, Modern College.

Science Association

This year our activities started on Wednesday, 6th August 2008 with a lecture cum slid show on 'Energy from Biomass' by Dr. Anand Karve (Director, ARTI). He explained the need of developing equipments which work on non-conventional energy resources like Sun and showed few such types of equipment on slides,

Essay competition was our next activity. Ten topics on various science disciplines were given to the students. About twenty essays were submitted and four students were awarded prizes.

A lecture by Prof. V. Mandrekar from Michigan State University, USA, was organised on 30 December 2009. He delivered a talk on 'Role of randomness in life'.

Because of the overwhelming response from the students the activity of Science Quiz Competition was held in two stages. A total of 140 students participated in the elimination round, from which 30 students were elected on the basis of their scores. By dividing these students in 6 teams of 5 students each, the final round was conducted on 31st December 2008. The students were tested by means of different quiz-rounds like direct questions, MCQs, visual and rapid fire round. Three top most teams were awarded with prizes.

Considering today's needs, a competition of presenting an article with MS Power point slides was held on 10th February 2009. Topics were selected from the fields of Economics, Biology, Computer Science, Space Research etc. Even the Commerce

faculty students got inspired and participated in this event.

Our Valedictory Function was organised on the Science Day, ie. 28 February 2009. A well known consultant Mr. S. P. Ranade, who also takes keen interest in the entrepreneurship development of students regarding developing the solar equipments, was the Chief Guest A video CD entitled 'Saur Urja - Eak Jagruti' developed by Prof. Govind Kulkarni from COEP was shown.

Thus, we tried to make students aware of the diminishing energy resources and a need to explore new energy resources through our activities.

Dr. Mrs. Amita Dharmadhikari.
Chairperson

Library Report

The Library has added 2166 books in the library during Jan. 2008 to Dec. 2008 and now there are 80359 books in the library.

Computerization of library books is in process and we have computerized 47971 books till today. Acquisition and staff issuing is totally computerized.

This year we have received various grants for books. We have purchased:

Sr. No.	No. Of Books	Amount (Rs.)	Grant
1	73	40,692/-	BCUD Grant
3	51	23,9437-	UGC Minor Research Project

In 2008 we have received 209 books as donation. This year in April 2008 library has started mobile library for school children at Vadu, near Pune, under 'Samarth Bharat Abhiyan', of Pune University. We have given total 177 books to Vadu School. We have received these books from our staff members and the list includes : Prof. Purohit, Dr. Deuskar, Mrs. Kuvalekar, Dr. K. R. Gandhe, Ms. Parab, Mr. Hajare, Mr. Naidu, Mrs. Ghanekar, Mrs. Datre M. S. & Dr. Mrs. Taware

Now there are 15 Newspapers we receive and 104 Journal / Periodicals we subscribe.

As our regular practice book Exhibition of newly purchased books was organized on the occasion of Saraswati Pooja on 1th October 2008 in the library. Honorable Prin. Dr. R. S. Zunjarrao performed Pooja ceremony.

Two Students worked in the library under Earn & Learn scheme of University of Pune.

We have decentralized our collection and started departmental libraries in various departments for the convenience of staff & students. All purchasing, processing is done centrally and books are issued to departments. These are as follows,

Sr. No.	Department	No. Of Books
1	Computer Science	3146
2	Botany	250
3	Biotechnology & Microbiology	582
4	Chemistry	29
5	Geography	366
6	Physics	360
7	Electronics	481
8	Psychology	122
	Total Departmental issue	5336

This year ,we have issued computerized I-Cards for new students. They are XI- Arts, Science & Commerce / F.Y.B.A. / F.Y.B.Sc. / F.Y.B.Com. / MA-I / Mcom- I / MSc-I year students. Total 2865 students database is ready for our reference. We may extend this practice for all students in June 2009.

Librarian.

Best Student Trophy Committee

Chairperson: Dr. Sanjeevani Rahane

Members: Prof. S.R. Chaudhary, Prof. J. L, Jorwekar, Prof. Mrs. M.S. Ghanekar, Prof. D. L. Khokale, Prof. Mrs. S.V. Kuvalekar, Prof. V. M. Sherikar, Prof. Mrs. S.R. Hirve, Prof. Mrs. A. A. Satbhai

The best student trophy is given to the best student from Junior wing, Senior wing and Post graduate wing. The best student from junior wing receives 'College Trophy' and 'Late Jyotsna Godbole cash prize'. The best student from senior wing receives 'Damodar Shield and Veer Savarkar cash prize'. The best student from P.G. section receives 'Best Student P.G. trophy' and 'Late Prof. G.M. Bansude cash prize'.

The committee invited applications from students and short-listed the applicants after a scrutiny of the applications. The short listed students were called for the personal interview. Then one student from each wing was declared as the best student.

This year in addition to personal interviews, group discussions on relevant subjects were organised separately for short-listed students under each wing. The panels of judges were as follows:--

Panel of Judges (Junior Wing):--

Prof. S.R. Chaudhary	Prof. Mrs. M.S. Ghanekar	
Prof. Mrs. K.B. Rajadhyaksha	Prof. Mrs. S.R. Hirve	Prof. D.S. Kute

Panel of Judges (Sr. wing): --

Prof. Mrs. A.A. Dharmadhikari	Prof. Mrs. M. S. Datre	
Prof. Mrs. S.V. Kuvalekar	Prof. B. B. Yenage	Prof. V. S. Phale

Pannel of Judges (P.G. wing):-

Prof. A. V. Kamble	Prof. Mrs. V. A. Abhyankar
Prof. Mrs. M. M. Satam	Prof. Mrs. M. S. Suryavanshi
Prof. V. M. Sherikar	

The Best Student 2008-2009:--

Best Student Junior Wing:--

Miss Raut Tejal XI Science

Best Student senior Wing:--

Miss. Jaiswal Trishla T.Y.B.A.

Best student Post Graduate Wing:--

Mr. Bhosale Pradeep M.Sc. Computer Science

The committee is extremely thankful to Principal Dr. Rajendra Zunjarrao, panels of judges, the staff members and the students for their whole hearted support. The committee also acknowledges the cooperation of teaching and non teaching staff of the Gymkhana Department.

Dr. Sanjeevani Rahane
Chairperson

Vidyarthini Manch

Vidyarthini Munch is an active cell for the girl students in the college. It gives platform to the girl students for their personality development. It encourages and motivates them to participate in various activities.

Committee Members -

1. Prof. Nayana Kulkarni Chairperson
2. Prof. Sunita Purohit Member
3. Prof. Dr. Sushma Thatte Member
4. Prof. Sunita Gosavi Member
5. Prof. Beena Muttalgrri Member

Personality development workshop for girl students was organized on 3rd January 2008 on the occasion of Savitribai Phule Jayanti. Dr. Ujjwala Nene, Dr. Jyoti Gokhale and Mrs. S. Jadhav were invited for the guidance.

1. Dr. Ujjwala Nehe- Mental Health and Personality
2. Dr. Jyoti Gokhale - Health and personality

3. Mrs. S. Jadhav - Personality and social awareness

This workshop was presided by Hon. Principal Dr. R. S. Zunjarrao. Chief guest was Hon. Prof. A. G. Gosavi.

In this year fifteen girl students were awarded Krantijyoti Savitribai Phule Scholarship given by University of Pune.

Various informal counselling and guidance sessions were arranged for girls throughout the year.

All the activities were highly responded to by the girl students.

Prof. Nayana Kulkarni
Chairperson

Women Empowerment Workshop

Women Empowerment Workshop was conducted by the college. This workshop was sponsored by the University of Pune.

The programme has been an outstanding event that not only made women aware of their rights but also brought into the light the various means to receive them.

Many women, diverted from the mainstream were brought into the right flow through this programme.

The workshop was conducted on 31st January 2009, inaugurated by advocate Mrs. Vandana Chavan, the ex - Mayor of the city. The workshop was presided by Hon. Principal Dr. R. S. Zunjarrao.

The workshop was conducted in four different sessions.

1. In the session Dr. Mrs. Jyoti Gokhale delivered a lecture on Health and

Hygiene of women in this particular age group.

2. In this session Dr. Mrs. Ujjwala Nene delivered a lecture on the women psychology. She discussed many psychological problems of women of this specific age group.
3. Third session was regarding economic activities which could be worked by women very easily. Economic independence is important for the empowerment therefore such session was organised. Miss Aditi Athalye and gave guidance to women.
4. In the last session one act play was arranged by Lokayat group named "Mulgi Zali Ho". In this act play status and problem of women was presented very skilfully.

Women participation was tremendous; Sixty five women actively participated in the workshop. These participants were from the different group of society which are away from the mainstream. Participant women came from different areas from the city. Their participation in the discussions was remarkable. Feed back was taken, which was very encouraging.

The workshop was concluded by Dr. Tej Nivalikar, Director, Adult and continuous education centre, Pune University. Dr. Vilas Adhav was present in the valedictory session.

Prof. Nayana Kulkarni
Prof, Mrs Sunita Purohit
(Co - Ordinators)

Arts Circle

President - Prin. Dr. R.S. Zunjarrao
Co-ordinator - Dr. (Mrs.) S. D. Joag
Members - Dr. (Mrs) S.S. Karve, Prof. (Mrs) L.R. Patankar, Prof (Mrs) S.V. Kuvlekar, Prof. (Mrs) S.D. Purohit, Prof. (Mrs) A.S. Sardesai, Prof. A. M. Vankalas, Prof. A.V. Kamble, Prof. D. P. Mulay, Prof. S.P. Salunke, Prof.(Mrs) V.D. Joshi, Prof. (Mrs) A. A. Apte, Prof. (Mrs) V.S. Nargund, Prof. (Mrs) P.B. Suryavanshi, Prof. V.V. Suryavanshi, Prof. (Mrs) V.K. Jagtap, Prof. (Mrs) A. Aiyer, Prof. (Ms) P. Todkar, Dr (Mrs) S. S. Puranik, Prof. (Mrs) S. More, Prof.(Mrs) B.U. Muttalgiri, Prof. (Ms) S. M. Gaitonde, Prof. (Mrs) S.B. Rathod, Prof. (Mrs) K. Bhalerao, Prof. (ms) A. Sagar, Shri. D.R. Shah, Mrs. S. B. Pathak.

Nature of work-

Arts circle serves to give platform to students talent in the field of performing and fine arts, by organizing internal competitions and promoting students participations in intercollegiate competitions. Expertise of teachers in the field of fine and performing arts is made available to students for guiding them at intercollegiate level.

Cultural week- 9-13 Sept. 2008

Internal competitions were organized during the cultural week. Prizes were distributed to the winners in the valedictory function on 17th Sept, 2008 at the hands of budding young singer Vibhavari Apte- Joshi, Vibhavari, proud past student of this college, rendered two songs in the function, stunning the audience and taking the staff members back to those

nostalgic years when the world of music competitions used to be obsessed with her melodious voice.

A brief account of the internal competitions is as follows-

1) Music Competition Tuesday, 9th Sept. 2008 Competition- in- charge, Prof. (Mrs) A. A. Apte, Judges Mrs. Vrinda Mehendale and Mrs. Manisha Gadre, Results

(a) Marathi Song.

i) Junior wing

Rank 1 Sayali Gholap (XI Sc)

Rank 2 Nupur Joshi (XII Arts)

ii) Senior wing

Rank 1 Varsha Joshi (F.Y. Bcom)

Rank 2 Kiran Kadam (T. Y. B.S.C)

Rank 3 Kalyani Kulkarni (T.Y.B.com)

Rank 4 Roopali Dike (T.Y. Bcom)

(b) Hindi Song-

i) Junior wing

Rank 1 - Assem Dhaneshwar (XI Sc)

Rank 2- Sudhanshu Pawar (XII com)

Rank 3- Manasi Sharma

ii) Senior wing

Rank 1 - Kiran Kadam (T.Y. Bsc)

Rank 2- Swapna Devendra (F.Y. Bcs)

Rank 3- Arti Dingankar (S.Y. Bsc)

C) Semi- classical song-

i) Senior wing-

Rank 1 - Swarada Badve (F.Y. Biotech)

Rank 2 -Shubhangi Jambe (T.Y. Bsc)

Rank 3 - Sharmishtha Oak (M.A. I)

D) Instrument playing-

i) Senior wing

Rank 1 - Akshay Budukh (F.Y. Bcom)

E) Duet Song-

i) Senior wing

Rank 1- Kiran Kadam (T.Y. Bsc) and Vishal Randive (F.Y. Bcom)

Rank 2 Chhaya Sambare (F.Y.B.com and Girish Gowardhan (MCA- I)

2) Dance Competition Saturday, 13th Sept 2008 competition in- charge Prof.

(Ms) S.M. Gaitonde

Judges- Prof (Mrs) S.D. Purohit and Prof. (Ms) A. Aiyer

Results

a) Solo dance

i) Junior wing:

Rank 1- Ajinkya Jagatap (XI sc)

Rank 1- Reshma Naik (XI com)

Cons. Komal Oval (XI com)

ii) Senior wing:

Rank 1- Prashant Pagare (F.Y. Bsc)

Rank 1- Supriya chavan (F.Y. Biotech)

Cons. Sonal Mankar (M.S.C. II)

b) Group Dance

Rank 1- Akash Marathe and group (MSC I)

Rank 2 Sonal Bathija and group (F.Y. Biotech)

3) Rangoli Competition Thursday, 11th Sept 2008 Competition- in- charge

Prof. (Mrs) V. K. Jagtap

Judges Mrs. Swati Sant

Results

a) Rangoli Sketch

i) Junior wing-

Rank 1 - Ashwini Hadkar (XII)

Rank 2 -Khushbu Bhansali (XI Sc)

Rank 3 - Neha Bagade (XI sc)

ii) Senior wing

Rank 1- Rohini Brahmapurkar(S.Y.B.A)

Rank 2- Vrushali Shinde (S. Y. B. A.)

Rank 2- Anuradha Kadam (S. Y. B. A.)

b) Rangoli- Assorted Medium

Rank 1- Manisha Shelar (MSC- I)

Rank 2- Komal Ghorpade (F.Y.B.A.)

Rank 3- Supriya Chavan (F.Y.Bsc)

4) Mehendi Competition Thursday, 11th Sept 2008 competition in- charge Prof.

(Mrs) V.K. Jagtap

Judge Mrs. Sanskrita Vernekar

Results

i) Junior wing

Rank 1- Khushbu Bhansali (XI sc)

Rank 2- Neha Bagade (XI sc)

Rank 3- Aditi Kolhe
 ii) Senior wing
 Rank 1- Arti Pawar (MCA- I)
 Rank 2- Heena Ansari (FYBSc)
 Rank 3- Jai Bhise (FY BA)
 Rank 4- Samruddhi Purandare (SYBA)
 5) Poster Competition Thursday, 11th Sept. 2008 competition- in- charge- Prof. (Mrs) A.S. Sardesai.
 Judges- Prof. J.L. Jorwekar and Prof. R.V. Kulkarni.
 Results
 a) Hand painted poster
 Rank 1- Samruddhi Kavadi (SYBcom)
 Rank 2- Vrushali Shinde (SYBA)
 Rank 3- Supriya Thakur (SYBcom)
 Cons- Deepali Gadgul (S.Y.BA)
 b) Logo- Making
 Rank 1- Gayatri Pawar (SYBcom)
 6) Poetry- Recital and Story telling Competition- Friday, 12th Sept 2008 competition- in- charge Prof. (Mrs) S.V. kuvlekar
 Judges- Prof. (Mrs) B.U. Muttalgi and Dr. (Mrs) S. S. Karve
 Results
 a) Poetry- recital
 i) Junior wing
 Rank 1- Dipesh Banberu (XI sc)
 Rank 2- Shreedhar Kulkarni (XI com)
 Rank 3 Madhavi Bijalani (XI Sc)
 Cons- Pritam Khamkar (XII Sc)
 Cons- Prithviraj Rajbhosale (XI Sc)
 ii) Senior wing-
 Rank 1- Hrishikesh Gaikwad (TY Bsc)
 Rank 2- Makarand Hajare (SYBA)
 Rank 3- Vrishali Shinde (SYBA)
 Cons- Archana Devadkar (MSC- II)
 Cons- Ganesh Shinde (MA I)
 b) Story telling
 i) Junior wing
 Rank 1- Shreedhar Kulkarni (Xi com)
 ii) Senior wing
 Rank 1- Vrushali Shinde (SYBA)

Rank 2- Rohini Brahmapurkar (SYBA)
 Rank 3- Ganesh Shinde (MA I)
 7) Debate- Competition Friday, 12th Sept 2008
 competition-in-charge-
 Dr. (Mrs) S.S. Karve
 Judges- Prof. (Mrs) S.V.Kuvlekar and Prof. J.L. Jorwekar
 Results
 i) Junior wing-
 Individual Rank 1-
 Abhilash Bhandari (XI Com)
 Individual Rank 2-
 Kaivalya Patil (XI Sc)
 ii) Senior wing-
 Rank 1- Rutuja Phatale (FY Biotech) and Vipul Modak (FY Biotech)
 Rank 2- Makarand Hajare (SY BA) and Ganesh Shelke (SY BA)
 8) Drama Competition Friday, 12th Sept 2008
 Competition-in-charge
 Prof. A.V. Kamble
 Judges- Prof. J.L. Jorwekar and Prof. R.V. Kulkarni
 Results-
 a) Monoacting-
 i) Junior wing- cons- Shreedhar Kulkarni (Xi com)
 ii) Senior wing
 Rank 1- Ankit Kajulkar (TYBCS) cons- Rohini Brahmapurkar (SYBA)
 9) Elocution Competition Saturday, 13th Sept 2008
 Competition-in-charge- Prof. (Mrs) L.R. Patankar
 Judges- Prof. R. V. Kulkarni and Mrs. M. Datre
 Results
 Junior wing-
 Rank 1 Madhavi Bijalani (XI Sc)
 Rank 2- Kaivalya Patil (XI sc)
 Rank 3- Shreedhar Kulkarni (XI com)
 Senior wing

Rank 1- Makarand Hajare (S.Y.B.A)
Rank 2- Nikhil Bhushan (S.Y.B.com)
Rank 3- Renuka Jadhav (F.Y.Biotech)

Intercollegiate Competition

1) Intercollegiate Group Dance Competitions

a) 'Milap' organized by Creative Foundation

Special prize for drapery and audience prize

Participants- Choreographer- Ganesh Palande (TYBcom), Sneha Dhoot (TY Bcom), Kanchan Jambhule (TY Bcom), Namita Talekar (TYBcom), komal Joshi (TY Bcom), Sagar Dhokale (SY Bcom), Dipesh Banberu (XI sc), Leena Pagar (SY Bcom), Abhiraj Dethe (XI sc), Prachi Nagras (TY Bcom), Anjali Baheti (TY Bcom), Shaheen Rajput (FYBA)

b) 'Youthopia' organized by Sakaal Group-

Participants- Vikrant Shelar, Akash Marathe, Vishal Rokade, Priya Mankikar, Prachi Somvanshi, Pooja Kharat, Aditi Kavale, Manisha Shelar, Mahesh Ghule (All MSC- I students)

c) 'Jallos' organized by Jana Surajya Pratishthan

Participants- Shubhangi Jambe, Akshata Chavan, Tejal Dolas, Sonali Dhamale, Jyoti Arekar, Anand Bagul, Rohan Malwadkar, Kedar Malwadkar, Prayas Gaikwad and Kishor Naidu.

2) Intercollegiate One- Act- Play Competitions

a) 'Purushottam Karandak' organized by Maharashtra Kalopasak

participants- Sanket Barve (FY Bcom), Pranav Joshi (FY Bcom), Bhushan Vaidya (FY Bcom), Nikhil Agarwal (SY Bcom), Tejas Sathe (SY Bcom), Bharat Bagade (SY BA), Pranavti Chalke (XII com), Dipti Vaze (T.Y. Biotech), Aditya Gandhi (XII com), Rutuja Salunke (XII

Com), Omkar Shahane (TY Bcom)

3) 3rd Commonwealth youth Games- Inaugural Function- Participants in Tableau directed by renowned actor Pramod Pawar, Sanket Barve (FY Bcom), Pranav Joshi (F.Y. Bcom), Akash Marathe (MSC- I), Vikrant Shelar (MSC- I), Vishal Rokde (MSC- I), Pooja Kharat (MSC I), Prachi Somvanshi (MSc- I), Priya Mankikar (MSC- I), Nupur Joshi (XII Arts)

4) Intercollegiate Music Competition-

a) Devotional Music Competition organized by St. Mira's college

Varsha Joshi (FY Bcom) 2nd Rank Cash Prize

Swarada Badve (FY Biotech)- Participation

5) Intercollegiate Debate Competition-

a) L.N.Birla National Debate Comp. organized by Rotary Club

Participants- Senior wing- Nikhil Bhushan (SY Bcom) and Madhulika Muttalgiri (FY Bcom)

Junior wing- Yugma Kambli (XI Sc) and Namrata Padture (XI Sc)

6) Intercollegiate Elocution Competitions-

a) Dr. Arvind Telang Elocution Competition organized by Camp Education Society.

Participants- Makarand Hajare (SY BA) Ganesh Shelke (SY BA)

b) Mukutrao Kakade Elocution Comp. organized by Kakade College, Someshwarnagar.

Participants- Makarand Hajare (SYBA), Dattatray Godbole (SYBA)

c) Abhijit Kadam Elocution Comp. organized by Bharati Vidyapeeth
Participant- Kaivalya Patil (XI Sc)

7) Intercollegiate Story- telling Comp. organized by Maharashtra Sahitya Parishad

Participants- Shreedhar Kulkarni (XI Com), Tejal Raut (XI Sc), Dipesh Banberu (XI Sc), Ganesh Shinde (MA- I), Rohini Brahmapurkar (SYBA)

8) Assorted Fine Arts Competitions organized by Gurumantra Institute

a) Tell a Joke Competition

Shreedhar Kulkarni (XI com)- 1st Rank- Cash Prize.

b) Cell Photography Competition

Rohini Brahmapurkar (SYBA)- Consolation Cash Prize.

c) Rangoli and Mehendi Competition-

Participant- Rohini Brahmapurkar (SYBA)

9) Intercollegiate Solelocni Competition Organised by Ness Wadia College

2nd Rank Cash Prize- Trishla Jaiswal, Preetha Das, Nimisha Bhandari, Swati Suman (all TYBA students)

Guidance Prof. (Ms) S. G. Parab

10) Intercollegiate Quiz Competition organized by Bharati Vidyapeeth Management College

Participants Tejal Raut (XI Sc) and Prithwiraj Rajebhosale (XI Sc)

Arts Circle Scholarship and Mahadkar Cultural Prizes-

a) Ganesh Palande (TY Bcom)- Arts Circle Scholarship awarded for contribution in last three years as choreographer and director of many prize winning dances and streetplays.

b) Shubhangi Jambe (TY BSc) Late P.V.Mahadkar cultural Prize (Sr) for contribution as choreographer at intercollegiate dance competition and harmonium accompaniment at internal and intercollegiate music competition.

c) Shreedhar Kulkarni (XI com) Late P.V. Mahadkar Cultural Prize (Jr.) for success and participation in large number of internal and intercollegiate cultural competitions.

Workshop on Acting- As per the decision taken in the meeting of 'Advisory Committee of Arts Circle' a half-day-workshop on acting was conducted in the college on 30th Jan. 2009. Prof.(Mrs.) A.A. Satbhai conducted the workshop. Twenty students participated in the workshop.

Arts- Circle-Prize-Distribution- Prize distribution function for winners and participants of intercollegiate cultural competitions was organized on Monday, 9th February 2009. Veteran Kathak Dancer Smt. Amala Shekhar was the chief guest at the function. Amala, a proud past student of this college, rendered 'Daksha- yadnya' a dance- composition by Late Guru Rohini Bhate, followed by 'Padhant' recital when Prof. (Mrs) S.D. Purohit accompanied her. Both the presentations were a blissful experience for the entire audience.

The function was preceded by students variety entertainment programme in which selected items from annual social gathering and intercollegiate competitions were presented.

Acknowledgement- Active co-operation extended by all the members of Arts Circle is gratefully acknowledged herewith. Special thanks are due to Prof.(Mrs) A.A.Satbhai, Prof. J.L.Jorwekar, Prof. (Mrs) Gangurde, Prof (Mrs) N. Kulkarni, Prof. (Mrs) M. Datre for extending their help in various activities of Arts circle. It is only due to active support by Prin. Dr. R.S. Zunjarrao, Visitor Prof. A.G. Gosavi, Vice principals and the office- staff, Arts Circle could function smoothly throughout the year. Sincere thanks to all of them.

Dr. (Mrs.) S.D.Joag
Co-ordinator.

Department Of Chemistry

Senior wing

Prof. S. R. Pokharkar (H.O.D.)
 Prof. M. J. Faras
 Dr. K. S. Kale
 Dr. (Mrs.) S. D. Joag
 Dr. S. K. Ujlamkar
 Prof. A. M. Vankalas
 Prof. S. S. Kakate
 Prof. (Mrs.) P. Suryawanshi
 Prof. R. M. Jagtap
 Prof. O B. Pawar
 Dr. R. G. Sarwadekar

Junior Wing

Mr. M. G. Gohel
 Mr. M. M. Rane
 Mr. A. A. Khandagale
 Mr. J. J. Pawar
 Mrs. S. B. Nighot
 Mrs. S. K. Barve
 Mr. G. V. Bambale
 Mr. A. A. Patil

Non teaching staff

R. B. Dhotre
 S. K. Gaikwad
 P. B. Udek
 A. B. Ambede
 N. D. Sarode
 D. G. Kurhade
 S. M. Jadhav
 D. L. Jadhav
 V. H. Kathe
 D. T. Panvelkar
 D. Shendkar

Visiting Faculty for PG. :

Dr. P. G. Pol
 Dr. V. T. Dangat
 Mrs. Sharayu Raut
 Ms. Lalita Karve

Students Strength :

Junior Wing	XI Sc	480
	XII Sc	480
Senior Wing	F.Y.B.Sc	93
	S. Y. B.Sc	74
	T. Y. B.Sc	43
	M.Sc (I)	26
	M.Sc(II)	27

From the year 2008-2009, Modern college, Department of Chemistry has started M.Sc. Analytical Chemistry. In spite of the fact that no additional space was provided, with some rearrangement, adjustments the department managed to conduct practicals of M.Sc. Part I & M.Sc. Part II students satisfactorily. The necessary instruments like U. V. Spectrometer, Flame Photometer, Turbidometer, Polaroscan, pH meter, colorimeter, conductometer etc have been purchased by the college.

Department Library :

The department library has about four hundred reference books and the facility is available to all staff members, post graduate students and under graduate students.

Responsibilities shared by staff members :

Prof. S. R. Pokharkar :-

Head of the Chemistry Department
 Advisor, Prize Distribution committee
 Advisor, Students Health Scheme Committee
 Vice Chairman, Annual Social Gathering.

Prof. M. J. Faras :-	Co-ordinator, Environmental Awareness Course. Member Gymkhana Managing Committee. Incharge, Store (Students Journals) Officer, CAP Held in May 2007.
Dr. K. S. Kale :-	Member, Magazine Committee. Member Science Association.
Dr(Mrs.) S. D. Joag :-	Chairperson, Art Circle.
Dr. S. K. Ujlambkar-	Chairman, Students Welfare Committee Advisor, NSS. Convenor, Refreshment Committee, Annual Social Gathering.
S. S. Sakate :-	Member, Soft Skill Development Committee. Member, Refreshment Committee, Annual Social Gathering.
R. M. Jagatp :-	Incharge, Chemistry Departmental Library. Incharge, CHEMIAD Examination 2009. Member, Classwise variety committee, Annual Social Gathering.
O. B. Pawar :-	I Incharge, Internal Marks Record and Result Analysis. Member, Classwise variety committee, Annual social Gathering,
M. G. Gohel :-	Supervisor, Junior College.
Mrs. S. K. Barve :-	Moderator, H. S. C. Board Examination - 2009.

Achievements of Students :

1. CHEMIAD Examination Conducted by Department of Chemistry, University of Pune.

Prize Winning Students

1. **Rajan Thakur** 3rd Rank in General Merit List. (Rs. 1500)
3rd Rank in Pune Districts Merit List. (Rs. 750)
2. **Miss Manjeet Kaur** 4th Rank in General Merit list. (Rs. 1000)

2. Ten Students passed B.Sc. (Chemistry) with Distinction. They are taking higher education in M.SC., M.C.A., M.C.M and M.B.A.
3. Yashodeep Mardhekar & Pallavi Kulkarni - M. SC. (II) students qualified for zonal competition A VISHKAR POSTER PRESENTATION 2008-2009.

Workshops/ Seminar Participation :

1. Six M.Sc. (II) students attended the workshop on preparation of NET-SET examination, organized by Wadia College, Pune.
2. Eight M.Sc. (II) attended the seminar on Advanced Analytical Techniques, organized by Vidhyapratishtan College, Baramati in January 2009.
3. Dr.(Mrs.) S. D. Joag, S. S. Sakate presented research papers & R. M. Jagtap, O. B.

Pawar attended two day conference - "Regional Research Conference", Organized by KTHM College, Nashik in December 2009.

4. S. S. Sakate delivered a Lecture as a resource person on "Synthesis of naturally occurring Furano & Pyrano Flavones" at Telang College, Nigdi in one day state level seminar - "Recent trends in Organic Synthesis"
5. O. B. Pawar, R. M. Jagtap attended one day state level seminar - "Recent trends in organic Synthesis" at Telang College, Nigadi.
6. O. B. Pawar attended two day national seminar on "biocatalysis and Biomimetics Catalyst in Organic Synthesis", Organized by Department of Chemistry BAM University, Aurangabad in March 2009.
7. Dr. K. S. Kale participated in workshop on "Revision of Syllabus of S.Y.B.Sc. organized by Wadia college, Pune 1.

Dr. (Mrs.) S. D. Joag

- * Resource person at "Nurturing Excellence and Talent programme "of MKCL for school students in Maharashtra, through virtual classroom lectures, in September 2008.
- * Resource person at teacher training programme of exploratory Science Centre of BVB, Conducted at Khed, Dapoli, In April 2009.
- * Chairperson of the session on "Brahmoism and Empowerment of Women" at all India Brahmo Conference, Held at Indore in Oct. 2008.
- * Resource person at the training programme conducted by MKCL for the students selected from all over Maharashtra for Junior National Olympiad Exam, in January 2009.
- * Research paper at the National conference on radiation chemistry organized jointly by Indian Society for Radiation and Photochemistry (DAE) and Kumau University at Nainital, in March 2009.

Publications of Books :

XI Sc	A. A. Khandagale
	S. K. Barve
XII Sc	A. A. Khandagale
	M. M. Rane
F.Y.B.Sc.	S. R. Pokharkar
Sem - I, Sem - II and Chemistry Practicals	

Guest Lectures for P. G. Students :

Dr.(Mrs.) S. V. Bhoraskar	Topic - Electron Microscopy.
Professor Emeritus, Department of Physics, University of Pune.	
Dr.(Mrs.) M. S. Gijare.	Topic - Chemiluminescence.
Ex-professor, Fergusson College, Pune.	

Research Projects :

Ongoing Projects Funded by BCUD, University of Pune.

1. "Synthesis of naturally occurring Furano & Pyrano Flavones " Prof. S. S. Sakate, Prof. S. R. Pokharkar
2. "Study of Antioxidant properties of important vegetables referred to in Ayurvedic medicines" - Dr. (Mrs.) S. D. Joag.
3. Prof. S. S. Sakate and Dr. (Mrs.) S. D. Joag guided four M. Sc. students for their M.Sc. projects Dr. (Mrs.) S. D. Joag has also guided two students for PICC projects.

Good co-operation from teaching and non-teaching staff members helped smooth functioning of Departmental activities during the year 2008-2009.

Prof. S. R. Pokharkar
Head, Department of
Chemistry.

Time Table Committee

Committee Members :- Prof (Mrs.) A.S. Oak, Prof. S. R. Chaudhari, Prof (Mrs) V. A. Abhyankar, Prof (Mrs) S. D. Purohit, Prof (Mrs) M. G. Ghanekar, Prof (Mrs) M. M. Sane, Prof V. N. Gaikwad, Prof (Mrs) N. M. Patil, Prof. D. S. Mane, Prof. V. B. Kamble, Prof (Mrs) N. K. Bhandare, Prof S. S. Sakate, Prof. (Mrs) Shilpa Mujumdar, Prof (Mrs) Rama Phadke, Prof (Mrs) R.R. Agashe, Prof. B.W. Bhome, Prof M. S. Salunke, Prof R.N. Ingole, Prof. V.V. Suryanwanshi, Prof (Mrs) V.V. Kuvalekar, Prof. (Miss) S.M. Gaitonde, Prof (Mrs) A. S. Apte, Prof. A. A. Khandagale, Prof. V. M. Sherikar and Mrs. S. M. Patwardhan.

The Time- Table committee was constituted in the month of April, 2008. The suggestions from various staff members were invited before 21st April, 2008 through Head of the Deptt. regarding any change required in the time- tables. Subsequently, in two separate meetings which were held in the last week of April, the various problems of students, administrative staff as well as the teaching staff were discussed.

The College and Society authorities have taken decision to start certain new subjects and P. G. courses from this academic year also. Hence, necessary changes were made in the time-tables. The problem related to allotment of halls to certain classes, as per the requirements, was solved with the help of Principal, Vice Principals, Registrar and Jr. College Supervisor. After the necessary discussions and approval the printing of the time-tables was carried out with the help of college office staff members.

The necessary hall adjustments during guest lectures, seminars, workshops, inauguration of various associations of the college, curricular and extra- curricular activities were carried out without or with minimum disturbance to other classes.

Special efforts are also being made during this year-end meetings for the preparation of computerized hall-wise time-tables. This work will be carried out and completed during the summer vacation with the special help of our 'Computer- management Course' and the committee members students.

The committee takes this opportunity to thank our Principal, Vice- Principals, Supervisor (Jr. College), Registrar, office staff members especially Mrs. Swati Patwardhan as well as all teaching and non- teaching staff members for their kind help and co-operation.

**Prof. (Dr.) A. M. Bhalerao,
Chairman,
Time- Table Committee.**

Office Report

The academic year 2008-09 was quite eventful year. The routine administrative work was carried out smoothly due to the excellent co-operation of all the members of the staff. With the help of newly appointed staff we are very much successful to carry out office work smoothly. Newly appointed staff offered good co-operation in discharging the important responsibilities such as conduct of Central Assessment Programme (of Pune University), H.S.C. Board examination, University Examinations etc. The work of introducing new courses at Under Graduate Level & Post Graduate Level also was carried out successfully.

The Office Administration is now planning to reorganise the entire activities of the Office so as to be able to render more effective service to the students and staff. The scheme for Students Database Management is being installed from the academic year 2009-10, It is also proposed to have the network of all the departments, which will enable us to share the office & Library data. The proposed

development of website of our college will also help in lot to present the various important aspects of existing & newly introduced courses for the world at large. Special attention is being paid to provide better services to the students & staff viz. the work of disbursing Scholarships/Freeships to the students, refund of deposits to the students, completion of pending work relating to provident fund, completion of Service Books of all teaching & non-teaching staff, disbursement of all the pending arrears of the staff, quick submission of the cases of retiring members of the staff & its follow-up, speedy settlement of claims of pension & P.F. cases. The efforts are also being made to achieve full computerisation of the Office work in near future.

The Accounts Section is taking utmost care to complete all accounting work accurately & within time schedule. The care is being taken to disburse all the amounts in time, received from the Government & other authorities. The internal audit of the college accounts as well as the Statutory Audit for the year 2007-08 has been already completed.

The Office staff, inspite of its busy schedule & heavy work took part in various competitions in the year 2008-09. The staff provided an able support in organising important events of College such as Annual Social Gathering, Prize distribution function, Visits of the University & other Committees & in organising National & International seminars, inaugural function of P.E. Society's Corporate Office etc.

CONGRADULATIONS FOR SPECIAL ACHIVEMENTS

The members of the teaching & non-

teaching staff & the students all deserve to be congratulated for the special achievement during the year 2008-09. Congratulations to Mts. Salunke Mangala Pundalik, Lab. Attn.

Department of Psychology for getting Meritorious Non-Teaching Staff Award, Pune University 2008-09

Congratulations to Shri S.S. Gore Head Clerk & Shri Dalvi B.B. Lab. Asstt, deptt. for getting Adarsha Shikshketar Karmachari Puraskar of P.E. Society, Pune-5 2008-09

Congratulations to Prof. N.M. Naidu, Mrs. V.S. Nargund for getting best teacher awards of PE Society, Pune-5.

We must congratulate Shvi V.A. Kambale Lab. Asstt. Deptt of Botany for securing Best Services Award by P.E. Society, Pune-5.

CONGRATULATIONS TO

- 1) Dr. R. S. Zunjarrao, being selected as Principal of the College
- 2) Prof. A. Gosavi, being appointed as Visitor of the College
- 3) Prof. J.P. Chinchore, being appointed as Secretary, PE Society, Pune-5.
- 4) Prof. S.S. Deshmukh, being appointed as Vice-Principal & for becoming Council member of P.E. Society, Pune-5.
- 5) Shri Renuse P.D. for being promoted as Superintendent & Joining our College from October 2008
- 6) Shri S.S. Gore, for being promoted as Head Clerk of the College
- 7) Shri Prakash Sabale, for being promoted as Clerk from Oct 08
- 8) Shri Sonawane Shivaji joining our college from Ganeshkhind Pune 53.

BEST WISHES TO

Shri Chavan Sagar, Mrs. Zanjare Usha, Shri Bhandare Ishwar, Shri

Choudhary Kantilal, Shri Darade Vishnu, Shri Shawalkar Rajendra for appearing University Degree Examinations & also Shri Mahade Namdeo & Shri Phaltankar S.S. for appearing XII Arts Examination, Mrs. S.S. Kulkarni for appearing M.Com course,

BEST WISHES FOR THE RETIRING STAFF.

Following members of the staff retired from the services after a long & eventful service to the College.

Shri K.A. Sonawane - Head Clerk (Office)

Prof. Mrs. A.S. Kulkarni, HOD Deptt of Physics

We wish our retiring colleagues happy, prosperous & healthy retired life.

CONDOLENCE

We deeply mourn the sad demise of Late Prof. Smt. L. R. Viegas (Lecturer in Geography)

Late Shri Salve Lab. Attendant Deptt of Zoology

Late Shri Nalawade retired Lab. Attn. Deptt of Physics

The Chairmen Local Managing Committee & Junior College Committee, The Principal, Visitor & Vice Principals constantly guided & inspired the Office staff in their day-to-day work. Particularly the guidance provided by Prof. P.S. Chirputkar, Dr. A.K. Pande in respect of the finance matters & guidance provided by Dr. Y. R. Waghmare & Prof. A.G. Gosavi in respect accounting work was beneficial to the accounting staff. The members of the Accounts Department express their gratitude towards them.

REGISTRAR

Staff Academy

The staff Academy is a forum for enhancing and updating the knowledge of the teachers and developing a multidisciplinary approach.

Various activities have been arranged so far by this association like Guest lectures, Research paper presentations by teachers, entertainment activities for mental relaxation poetry recitation by teachers, etc.

In the year 2008 - 09, the staff Academy gave special attention to 'stress management' and 'mind control' for teachers. According by the following Guest lectures were arranged.

1) In the first term, Shri Bhimsen Shinde, delivered a talk on 'Yoga Practices for stress management', alongwith some demonstrations of Yoga.

In his talk Shri Bhimsen Shinde explained to the staff the benefit of Yoga like relaxation, building up of concentration and self control, rehabilitation of injuries, intensification; of tolerance, etc.

2) In the Second Term a Guest lecture with demonstration was delivered by Shri. Rajpal Singh on 'Meditation'.

The importance and methods of meditation as explained by Shri. Rajpal Singh was highly appreciated by the teachers.

The Principal, Visitor, Vice Principals and members of Staff Academy took special efforts in organising the activities of Staff Academy.

Placement Committee

Modern College of Arts, Science and Commerce, Shivajinagar, Pune - 5 was founded by Progressive Education Society, in 1970. The college is affiliated to the University of Pune. College provides various academic amenities so as to attain Bachelor and Master Degrees in the fields of Arts, Science, Commerce, Computer Science & Computer Application. It is a reputed educational institution, which has been known for producing outstanding students in different fields who have taken different careers, as per their academic merit successfully in the society. Students are working in India and abroad as CEO / CTO of company or at Managerial level.

The college not only ensures academic development of the students but also provides them with opportunities to prove themselves by means of extracurricular and co-curricular activities. The Career Guidance Centre makes its presence felt by providing necessary information and guidance to the students as and when required. The record of achievements of the college clearly indicates that the college has firmly established itself as a '**modern**' and '**Progressive**' educational institution.

The College has constituted Placement Committee, committee is responsible for the placements and allied activities in view of the placements of the students such as resume writing, interview techniques, mock interviews, career guidance, soft skills, personality development etc. The students actively participate in

Boucher preparation, distribution, test series etc.

The young & highly qualified team of faculty members spares no efforts to keep the students well informed and in updating their knowledge. The students are also reciprocating by their high achievements in academic performance. A large number of students are getting excellent placements in local and multinational companies. Every year several students are also selected in reputed foreign universities for higher studies. The experienced staff members play a vital role to boost the student's morale and uplift their performance so that they get prepared to face the industrial demands. The college ensures a profound base of the students who are eager to learn and work to prove themselves as an invaluable human resource in the industry.

Committee have also encouraged the students of B.A., B.Com. and B. Sc. (Science) for placement. These students have been placed in different areas as Trainee Engineers, Sales and Marketing, Networking, Banking, BPO, Pharmaceuticals, etc. Different companies like Wipro Technologies, IBMm Wipro BPO, Patni Computer Systems, Quick Heal, Test Funda, Webworx, Mobien, Technologies, etc had visited our campus.

I am thankful to Principal Dr. R. S. Zunjarrao, all Vice Principals, Heads of the Department, members of the committee, teaching and non teaching staff for their whole hearted support and co-operation in organizing this activity. I also thank our student alumni who help us in this activity. Last but not least I also take this opportunity to congratulate all the students who have placed in various companies and also would like to wish them bright future.

Placement Committee :

Prof. S. S. Deshmukh (Com. Sci.)	Vice Principal , (HOD - Comp. Sci.)
Prof. Mrs. Suryawanshi M.S.	Chairperson
Prof. Mrs. Salla Kalyani	Member
Prof. Mrs. Kamble Alka A.	Member
Prof. Mrs. Hirwe S. R.	Member
Prof. Mrs. D. B. Gaikwad	Member
Prof. Mr. G. Tarate	Member
Prof. V. L. Avhad	Member
Prof. Dr. Shilpa Mujumdar	Member
Prof. Dr. Geeta Morwal	Member
Prof. Sameer Badmanji	Member

Congratulations IT and Placement

No.	Student Name	Class	Company Name
1	Sachin Sable	M. Sc.	Harbinger Systems Pvt. Ltd.
2	Vishnudas Kulkarni	M.C.A.	Harbinger Systems Pvt. Ltd.
3	Swati Ghodke	M.C.A.	Harbinger Systems Pvt. Ltd.
4	Swati Atre	M. Sc.	Spring Computing
5	Tanushree Deshmukh	M.Sc.	Spring Computing

6	Rupali Albur	M.Sc.	Spring Computing
7	Sarang Mane	M.Sc.	Sutra Systems Pvt. Ltd.
8	Shweta Gaikwad	M.C.A.	Bristlecone
9	Priyanka Mahajan	M.C.A.	Webworx Systems
10	Jitendra Tilekar	M.C.A.	Webworx Systems
11	Rohit Kadam	M.C.A.	Webworx Systems
12	Sneha Joshi	M.C.A.	Webworx Systems
13	Sonali Kate	M.Sc.	Xpanxion International Pvt. Ltd.
14	Ashwini Mandhare	M.Sc.	Xpanxion International Pvt. Ltd.
15	Riddhi Potdar	M.C.A.	Xpanxion International Pvt. Ltd.
16	Shrikant Chavan	M.Sc.	Wesley Clover
17	Abhay V. Mulay	M.C.A.	TATA Motors
18	Harshada Damedar	M.C.A.	NCC Telecom
19	Saket Kale	M.C.A.	Webtech Developers
20	Rhutesh S. Khalde	M.Sc.	Webtech Developers
21	Sunita Devi	M.Sc.	Redchilli
22	Kranti Bhange	M.Sc.	Mobien
23	Prasad Chavan	M.Sc.	Omni - Bridge
24	Vishal Arote	M.C.A.	Omni - Bridge
25	Archana Karwa	M.Sc.	Omni - Bridge
26	Manoj Gudi	M.Sc.	Rotary Infotech Pvt. Ltd.
27	Sonal Patil	M.C.A.	Rotary Infotech Pvt. Ltd.
28	Vidya Shinde	M.C.A.	Rotary Infotech Pvt. Ltd.
29	Bhavsar Dinesh	M.Sc.	APL.
30	Thorat Prashant	M.Sc.	APL.
31	Swapnil Kamble	M.C.A.	Omni - Bridge
32	Anand Deshpande	M.C.A.	BMC Softwares
33	Abhijeet Kokare	M.Sc.	Vision Engineering
34	Vijay Sathe	M.C.A.	Vision Engineering
35	Dattatray Shinde	M.C.A.	Redchilli
36	Chetan Kalore	M.Sc.	Redchilli
37	Sarita Ranbhor	M.Sc.	Redchilli
38	Sunil Sonawane	M.Sc.	Redchilli
39	G. V. Manjusha	M.Sc.	Variant Tech.
40	Swati Lakudzode	M.Sc.	Variant Tech.
41	Amruta Marathe	M.Sc.	IMRC
42	Ashwini Tapkir	M.Sc.	IMRC
43	Hemant Patil	M.C.A.	IMRC
44	Sarita Sutar	M.C.A.	ASTIRE Infotech Sol.
45	Nilakshi Gadekar	M.C.A.	ASTIRE Infotech Sol.
46	Nilam Angrakh	M.C.A.	ASTIRE Infotech Sol.
47	Smita Bhole	M.C.A.	GALLOBE Systems
48	Anagha Tannu	M.Sc.	COGNIZANT
49	Amol Desai	M.C.A.	Neurologic

50	Chatrali Deshpande	M.Sc.	Chetna's System
51	Mayura Kharche	M.C.A.	Omni - Bridge
52	Dnyaneshwar Jadhav	M.Sc.	Omni - Bridge
53	Poonam Jadhav	M.Sc.	IMCR
54	Yogesh Ralebhat	M.Sc.	APL
55	Monali Bagul	M.C.A.	Rationals
56	Komal Gaikwad	M.C.A.	Cosmos Technologies
57	Abhishek Savant	M.C.A.	Electronic System Devices
58	Yuvraj Dhamdere	M.C.A.	Assurance Systems
59	Vidya Deshpande	M.C.A.	Spreten Technocraft
60	Ashwini Milke	M.C.A.	Spreten Technocraft
61	Yogini Naik	M.C.A.	Spreten Technocraft
62	Shubhangi Bandal	M.C.A.	GALLOBE Systems
63	Vaibhav Inani	M.C.A.	Kensis Technologies
64	Pallavi Deshpande	M.C.A.	i - stream Technologies
65	Pankaj Dharpure	M.C.A.	Fuzze - Labs
66	Somnath Ghorpade	M.Sc.	Fuzze - Labs
67	Pankaj Mohite	M.Sc.	Pubmatic
68	Kishor Bagal	M.Sc.	Pubmatic
69	Vinayak Bane	M.Sc.	Pubmatic
70	Amol Chitte	M.Sc.	Pubmatic
71	Jitendra Tilekar	M.C.A.	Pubmatic
72	Arun Pal	M.C.A.	Pubmatic
73	Tanaji Dhas	M.C.A.	CSSA Global Systems
74	Amit Khangaonkar	M.C.A.	Octal Systems
75	Ahefaz Pathan	M.C.A.	Octal Systems
76	Swanil Suryawanshi	M.Sc.	Octal Systems
77	Jayashree Avhad	M.Sc.	Graphics CAD
78	Harshada Sable	M.Sc.	Octal Systems
79	Nikhil Nevase	M.Sc.	Octal Systems
80	Prashant Jadhav	M.Sc.	Octal Systems
81	Atul Solankar	M.C.A.	GALLOBE Systems
82	Achal Yeola	M.Sc.	Fun Online Sol. Pvt. Ltd.
83	Anita Chavan	M.Sc.	Siperium Technologies
84	Viraj Deshmukh	M.Sc.	Godwill Management
85	Jaydeep Agashe	M.Sc.	Godwill Management
86	Ravindra Koli	M.Sc.	Maksoft Software pvt. Ltd.
87	Deepraj Bhosale	M.Sc.	Pcsmile Technology
88	Achal Yeola	M.Sc.	Fun Online Sol. Pvt. Ltd.
89	Pritam Nakhate	M.Sc.	Bhide Academy
90	Navnath Harihar	M.Sc.	Bhide Academy
91	Sunil Mane	M.Sc.	Bhide Academy
92	Habitu Azezew	M.Sc.	Godwill Management
93	Vivek Shelar	M.Sc.	Varient technologies

94	Matle Maleshwarrao	M.Sc.	Octal Systems
95	Sarika Khirsagar	M.C.A.	IMRC
96	Vidya Konde	M.C.A.	GALLOBE Systems
97	Mayur Kawade	M.C.A.	Neha Softwares
98	Shital Ahire	M.Sc.	Octal Systems

Prof. S.S.Deshmukh
Vice - Principal
(HOD - Comp. Science)

Prof. Mrs. M. M. Suryawanshi
Placement Co - ordinator

P.E.S. Society Sevak Sahakari Patpedhi

It gives us a great pleasure to include as overview of the working of Modern College Sevak Sahakari Patpedhi in this issue of the college Magazine. The important highlights of the working of the society for the year 2008 - 09 are given below.

(A) Statistical Data

Number of Members	:	219
Authorized Share Capital	:	1,50,00,000 /-
Paid up Sahare Capital	:	91, 00, 000 /-
Deposits from the Members	:	60,00,000/-
Reserve Fund	:	22,00,000 /-
Rate of Dividend to the members	:	10 %
Rate of Interest on Recurring Deposits:	:	10.5 %
Max. Amt. of Loan to a member	:	2,00,000 /-
Emergency Loan	:	5,000 /-
Class of Audit (2007 - 2008)	:	A

Financial Dues pending to be recovered from members on 31st March 2009 : Zero

(B) Others Features of our Society

- * 100 % Computerization
- * Statement of Account is given to members after every six months.
- * Total transparency in the working of the society by Appointing sub-committee.
- * Accounts are finalized on 31st March 2009.
- * Internal Audit is complete.
- * Felicitation of the wards of the members on their academic success.
- * We recognize the social contribution of our members and felicitate such members rendering social services.
- * Recurring Deposit Scheme for the members.

(C) Board of Directors

* Prof. Umesh Gavali	Chairman
* Shri. Krishna Jagtap	Vice Chairman
* Shri. Namdeo Mahade	Secretary
* Prof. Vijay Shelke	Joint Secretary

- * Shri. Nagesh Sarode
- * Prof. Mrs. Sunita Nighot
- * Shri. Suresh Kavade

Treasurer
Chairperson, Loan Committee
Director

(C) Sub Committee

- * Shri. Badan Naravade
- * Prof. Jaiprakash Pawar
- * Shri. Shrikrishna Gore

- * Shri. Dattatray Raut
- * Shri. Shashikant Kamthe

Department of Commerce

Academic Results :

1. **B.Com. :** The result of B.Com. Examination held in March 2008 was 87 %
2. **M.Com. :** The result of M.Com. Examination held in May 2008 was 68 %
3. **Professional Examinations :** Our Students along with their University curriculum appeared for C.A. , I.C.W.A. and ICSI Examinations. Fifty students studying in F.Y., S.Y. and T. Y. B. Com. Classes passed CPT Examination, and Entrance Examination of ICAI, ICWA and ICSI. Two students studying in T.Y.B.Com. Class passed P.E. - II - Examination and Two student studying in M.Com. Part II class passed Final Examination of ICAI.

Student Activities

In the academic year 2008 - 09 the Department of Commerce conducted various activities for the students like :

- i) Lectures of Experts
- ii) Visit of Industries
- iii) Career Campaign Workshop
- iv) Placement Activity
- v) Group Discussions
- vi) Presentations and paper reading by Students.
- vii) Exhibitions and poster presentations

A guest lecture on Satyam Crises was organized for students. Prof. P. D. Parkhi, Cost & Management Accountant expressed expert views on the topic.

An exhibition of Accounting, Costing, and Income Tax and was organized by Prof. S. R. Hirve in January 2009.

Staff Profile :

1) Prof. A. G. Gosavi

- i) Conducted workshop for Revision of Syllabus in Business Administration at the College.
- ii) Delivered lectures for guidance of students appearing for SET / NET examination - organized by Department of Commerce , University of Pune.
- iii) Delivered lectures under Career Somwad Programme " Career in Commerce &

Management " organized by P.E. Society and marathi Daily " SAKAL ' at Amravati and Aurangabad.

- iv) Worked on several sub committees of Pune University.
- v) Worked as Resource Person for presentation of Research Projects at University of Pune.
- vi) Delivered lectures in the workshop for Principals organized by Indian Institute of Education, Pune.

2) Dr. Y. R. Waghmare

- i) Conducted workshop for Revision of Syllabus in Business Administration at the College.
- ii) Delivered lectures for guidance of students appearing for SET / NET examination-organized by Department of Commerce, University of Pune.
- iii) Delivered lectures for guidance of students appearing for SET / NET examination - organized by Department of Commerce, North Maharashtra University Jalgaon.
- iv) Resource Person at State Level Seminal on Recent trends in Accounting organized by Appasaheb Jedhe College, Pune.

3) Dr. Sanjeevani Rahane

a) Personal Achievement

Ph. D. was awarded by Pune University, on 8th Dec. 2008. Subject of Research : An in- depth study of performance of Indian Department of Post since 1990, with special reference to Pune Zone.

b) Papers Presented at Seminars :

Organising Body	Theme of the seminar	Dates	State / National / International level	Title of the paper
Modern College, Pune 5	Impact of globalisation on service sector		State	Impact of globalization on postal services.
M.M.College of Commerce and YASHADA	Innovative Management practices in uncertain times	11.02.09 12.02.09	National	Wakening a Sleeping Giant (DoP) - A Marketing Perspective
Shivaji Arts, Science, and Commerce College Amravati,	Expected changes in commerce education for employment generation in the context of industrial development.	06.02.09	State (paper accepted for publication)	Co-curricular and extra curricular activities as a tool for improving employability.

c) Guest Lectures :

Organising Body	Date	Topic
Appasaheb Jedhe Arts , Science and Commerce College	10.10.2008	Strategic management
Modern College, Ganeshkhind	27.02.2009	Project Work Orientation : Research Report.

d) Other activities :

Was organising committee member of international seminar organised by Marathi Department of the college and State level Seminar organised by Economics Department of the college.

Was invited to give model power point presentation at COM search 2009 organised by Department of Commerce, University of Pune.

Participated in the ' poster presentation programme ' organised by BCUD, University of Pune, for Avishkar Winners, on 28.02.2009 (Science Day)

4) Dr. A. V. Kamble

Awarded Ph. D. by Pune University on 29th April 2009. The topic of his research was Marketing of Tourism Industry in Pune District.

5) Dr. R. W. Kulkarni

- 1.Awarded fellow Membership by the Institute of Cost & Works Accountants of India.
- 2.Delivered lecture in Garware College of Commerce on ; Research in Cost Accounting' for the Post Graduate Students.
- 3.Delivered a lecture in Rajgurunagar College on ' Career Opportunities for Commerce students with special reference to Cost Accounting as a career.
- 4.Delivered two lectures in Department of Commerce, University of Pune for the M. Phil Course.

6) Prof. Vijay Gaikwad

- 1.Completed a ' Refresher Course in Commerce ' at Shardabai Pawar Mahila Mahavidyalaya, Baramati, organized by Academic Staff College, University of Pune.
- 2.Delivered a lecture in ' Soft Skill Development Programme ' on Stress Management and visualization at TJ College, Khadki, Pune - 411 003. and at CK Goyal College, Dapodi Pune - 12, Pimpri Chinchwad Engineering College, Akurdi, and Telag College, Pradhikaran, Pune 44

7) Prof. S. K. Mehta

Social Activities :

1. Donated Rs. 1,00,000 /- to the family members of Late Shinde, Police Constable, who lost his life in Terrorists' attack on Mumbai on 26.11.2008
2. Felicitated Dr. Abhay Bang with National Character Award of Rs. 21,000 /- at the hands of Dr. K. H. Sancheti in the presence of Dr. Mohan Dhariya.
3. Extended financial assistance of Rs. 21000/- to Needy and deserving students.
4. Conducted _ blood donation camps collecting blood bags. Total camps so far conducted _
5. Monthly Blood Donation Awareness campaign through All India Radio Pune Centre.
6. 40 blood replacements coupons made available to needy patients free of cost.
7. Continued National Character Awareness campaign in various schools and colleges in and around Pune city.

Training :

Underwent Continuing Programmes of Education organised by Pune / Pimpri / Chinchwad Branches, Pune City and Pune West Study Circles of the Institute of Chartered Accountants of India covering in all 160 hours including credit for articles written.

C) Awards :

1. From Jankalyan Blood Bank for outstanding work in this field.
2. From Vishwamata Foundation for excellent social work.

8) Prof. Dattatray P. Mule

Participated in two days seminar on ' Recent trends in Accountancy ' at Appasaheb Jedhe College, Pune and read a paper on " Forensic Accounting " there.

9) Prof. Rasika P. Date

- i. Paper presentations
 - a) In State Level Seminar Organized by Economics Department of MCASC, Pune 411005. Title of paper " Understanding US Sub - Prime Crisis ".
 - b) In State Level Seminar on Recent Trends in Accounting organized by Appasaheb Jedhe College, Pune 411002. Title of paper " An Overview of Lean Accounting "
- ii. Completed Orientation Course conducted by UGC Academic Staff College, University of Pune.

Dr. Y. R. Waghmare
Vice Principal and
Head of the Department

State, National, International Seminar & Workshops

Report of Workshop for syllabus revision of SYBSc / BA organized by Department of Statistics, Modern College , Pune 5 under Quality Improvement Program of University of Pune "

Department of Statistics, Modern College , Pune -5 had organized a two day Workshop for syllabus revision of SYBSc./ BA on 30th September and 1st October 2008 under quality improvement program of University of Pune.

The Workshop was inaugurated at the hands of Shri. M.S. Phirange, Controller of examinations, University of Pune on 30th September 2008. Dr. G.R. Ekbote, Chairman, Business Council, P. E. Society ; Dr. R. S. Zunjarrao, Principal, Modern College, Pune - 5 were present for the program. Dr. G. R. Ekbote guided the participants about the views of National Knowledge Corporation. It was followed by two lectures by Dr. Sudha Purohit. In the post lunch session, participants discussed various new topics in the syllabus.

On 1st October the morning session had 3 lectures by Dr. Manisha Sane, Prof. M. B. Kulkarni from B. Y. K. College, Nashik and Dr. Pradeep Apte from Fergusson College, Pune. Discussion of these topics and finalizing the syllabus was done in post-lunch session.

Prof. Suresh Patil, Chairman, B. O.S. in Statistics Mumbai University, Mumbai and Prof. Neelima Shah

member of B. O. S. in statistics and head of statistics department at Mithibhai College, Mumbai were present for the session to discuss the contents of syllabi and various activities they conduct at Mumbai University.

Dr. U. V. Naik - Nimbalkar, Head Dept. of Statistics was chief guest for the valedictory function. Mrs. J. G. Ekbote, Chairperson, LMC, P. E. Society presided over the function.

About the State Level Seminar on Impact of Globalization on Service Sector in India

Department of Economics, Modern College, Shivaji Nagar, Pune - 5, organized a State Level Seminar on "Impact of Globalization on Service Sector in India". on 26th & 27th September 2008. The seminar was inaugurated by Dr. Ashok Kolaskar, Ex-Vice Chancellor, Pune University. The concluding session was chaired by Dr. Gajanan Ekbote.

Total number of participants who attended the seminar was - 41 Teachers and 68 students = 109 participants.

The seminar gave an opportunity to the academicians to interact with Industry (Financial institutions, Tourism, Hospitality, and Information Technology) and the professionals and practicing experts on this theme of National importance.

The scope and objectives of the seminar were as follows.

a) Scope and Area covered :

Service Sector in Indian Economy with reference to i) Banking Services, ii) Education, iii) Tourism, iv) Hospitality, v) I.T. Services.

b) Objectives :

i) To facilitate understanding and

enhance knowledge about Role and Contribution of Service Sector in India.

ii) To know about the impact of Globalization on Service Sector in India. The recent trends.

List of Invities / Chief Guests / Main Speaers / Chairpersons of the Sessions includes -

1. Dr. Gajanan Ekbote, Chairman, P.E. Society, Pune 5.

2. Prof. Jyotsna Ekbote, Chairperson, LMC, Modern College, Pune 5

3. Prof. A. G. Gosavi, Visitor, Modern College, Pune - 5.

4. Dr. Ashok Kolaskar, Ex - Vice Chancellor, Pune University.

5. Dr. Pandit Vidhyasagar, Director, BCUD, Pune University.

6. Dr. Ashok Joshi, Director, INDSEAECH, Pune

7. Dr. Kalyan Swarup, Dean, NIBM, Pune.

8. Prof. Pradip Apte, Fergusson College, Pune.

9. Dr. TG Gite, Chairman, BOS, Business Economics, Pune University.

10.Mr. Prashant Pansare, CEO & MD, Inteliment Technologies

11. Mrs. Kavita Amarnani, Vice President, Estique chain of Hotels

12 Mrs. Nikhil Patil, Organizer, Unique tours for corporates.

13.Mr. Neeraj Jain, Social Activist & IIT Engineer

14. Dr. R. Y. Waghmare, Vice Principal, Modern College of Business Studies, Pune.

15. Dr. R. M. Chitnis, Principal, Modern College of Business studies, Pune.

16. Dr. Bharati Dole, Director, HNIMR, Pune

Dr. M.M. Satam, Head of the Department of Economics, was the chief organizer of the seminar.

State Level MSc. Project Competition "

Department of Electronic Science

The state level M.Sc. Project Competition was successfully organized consecutively second time on 01st and 02nd April 2009 by the Department of Electronics Science. The competition was organized in collaboration with IEEE, Solid State Circuits Society (India Council Chapter) and Board of Students Welfare, University of Pune. Nearly 86 students were participated in the competition. The participants presented 55 projects on the topics such as Biomedical Instrumentation, Embedded, Systems, Robotics, Agrielectronics, Power Electronics, Digital Signal Processing, Information Technology, VLSI designing, Communication and Electronic Security System.

The project competition was inaugurated on 01st April by the hands of Principal Dr. R. S. Zunjarrao. The principal enlighten the importance of project work and its application in daily life. The subject Electronics and its various application areas were elaborated at this time and participants were encouraged for open competition in the event.

The projects were judged by renowned references from industries, academicians. The first three and four consolation prizes were sponsored by IEEE, Solid State Circuits Society (India Council Chapter) Delhi. The special prize for agrielectronics project presentaion was sponsored by past student Prof. Mrs. Varsha Bapat in the memory of her father Dr. Bhagawantrao Dhonde, the great agriscientists. Dr.

Sambhaji Pathare, Director, Board of student in the competition at lower fee. Other sponsor were Bank of Maharashtra and Multiscope Pvt. Ltd.

The prize distribution ceremony was held on 2nd April in college assembly hall. The Principal Dr. R. S. Zunjarrao chaired the session , the prizes were awarded with the hands of Dr. K. S. Chari, Chairman, IEEE, Solid State Circuits Society (India Council Chapter) , Delhi. Dr. K. C. Mohite, Officer on Special Duty, BCUD, University of pune systematically made clear the market value for project work and efforts to be taken for developing and conducting good quality of projects. Prof. Jayant Jorvekar, PRO. P.E.Society, help out for handling publicity of the event in media.

Prof.D. B. Gaikwad
Co-ordinator
Competition
Prof. S. R. Chaudhari
Head, Department of
Electronics Science

मॉडर्न महाविद्यालय, पदव्युत्तर मराठी विभाग
आयोजित, ' मराठी भाषकांसाठी देश -
विदेशातील नोकरी - व्यवसायाच्या संधी '

आंतरराष्ट्रीय चर्चासत्र -

१२ ते १५ जानेवारी २००९

. मॉडर्न कला, विज्ञान आणि वाणिज्य
महाविद्यालयाच्या पदव्युत्तर मराठी विभागातर्फे ' मराठी भाषकांसाठी देश - विदेशातील नोकरी-
व्यवसायाच्या संधी ' या विषयावर चार दिवसांचे ,
दिनांक १२ ते १५ जानेवारी २००९ या दरम्यान
आंतरराष्ट्रीय चर्चासत्र आयोजित केले होते. दि. १२
जानेवारी २००९ रोजी चर्चासत्राचे उद्घाटन

बालगंधर्व रंगमंदिरात संयुक्त राष्ट्रसंघाच्या पर्यावरण
कार्यक्रमातील ओझोन कृती विभागाचे प्रमुख डॉ.
राजेंद्र शेंडे (फ्रान्स) यांच्या हस्ते झाले. डॉ. शेंडे
यांच्या मते , जागतिक तापमानवाढीचा प्रश्न येत्या
काळात भीषण रूप धारण करेल. त्यामुळे हरित
अर्थव्यवस्था आणि शुद्ध तंत्रज्ञानाला महत्त्व प्राप्त
होणार आहे. सौर ऊर्जा, पवन ऊर्जा, शुद्ध तंत्रज्ञान या
क्षेत्रांमध्ये इ. सन २०३० पर्यंत अमर्याद संधी उपलब्ध
होतील. अर्थात त्यासाठी विद्यार्थ्यांनी सर्जनशील
दृष्टिकोण ठेवणे गरजेचे आहे. नोकरी मिळविण्याच्या
पारंपरिक पद्धतींना फाटा देत नवीन तंत्रज्ञानाचा,
पद्धतींचा अभ्यास करायला हवा. मंदीतही
रोजगाराच्या संधी उपलब्ध होऊ शकतात. या प्रसंगी
अध्यक्षस्थानी असलेले राज्याचे सहकार आणि
सांस्कृतिक मंत्री मा. नामदार हर्षवर्धन पाटील यांनी “
मराठी माणूस व्यवसायात कमी पडतो, तो दोष दूर
करण्यासाठी आत्मविश्वास वाढवून उद्योजकता
वाढविण्याचे प्रयत्न करणे आवश्यक आहे.” असे मत
व्यक्त केले. यावेळी डॉ. स्नेहल तावरे लिखित ‘
छत्रपती शिवाजी महाराजांवरील महाकाव्य रचना ’,
या पुस्तकाचे प्रकाशन श्री. हर्षवर्धन पाटील यांच्या
हस्ते झाले. या प्रसंगी प्रोग्रेसिव्ह एज्युकेशन
सोसायटीचे कार्याध्यक्ष डॉ. गजानन एकबोटे,
कार्यवाह प्रा. जगदीश चिंचोरे, महाविद्यालयाचे
प्राचार्य डॉ. राजेंद्र झुंजारराव आणि नियामक
मंडळाच्या सदस्य श्रीमती ज्योत्स्ना एकबोटे उपस्थित
होते.

महाराष्ट्रातील अशा प्रकारचे विविध विषयांवरील
हे पहिलेच आंतरराष्ट्रीय चर्चासत्र म्हणता येईल.
भारतातील आणि भारताबाहेरील नोकरी व व्यवसाय
करणाऱ्या विविध क्षेत्रांतील मान्यवर व्यक्ती या
चर्चासत्रात सहभागी झाल्या होत्या. प्रत्येक
दिवसातील वेगवेगळी सत्रे मॉडर्न महाविद्यालयातील
‘ असेंब्ली हॉल ’ येथे अत्यंत उत्साहात आणि उदंड

प्रतिसादात पार पडली.

दि. १२ जानेवारी ते १५ जानेवारी २००९ या काळात एकूण दहा सत्रात हे चर्चासत्र आयोजित केले होते. सोमवार दिनांक १२ जानेवारी २००९ रोजी दुपारी २ ते ३.३० सत्र पहिले ' खाद्य निर्मिती - व्यवस्थापन आणि पर्यटन ' या विषयावर झाले. या प्रसंगी श्रीमती शुभदा जोशी (मॅनेजिंग डायरेटर - गिरिकंद ट्रॅव्हल्स) या अध्यक्षस्थानी होत्या. या चर्चासत्रामध्ये प्रमुख पाहुणे म्हणून पुणे विद्यापीठाचे कुलगुरू नरेंद्र जाधव हे उपस्थित होते. " प्रत्येक विद्यार्थ्यामध्ये एक राजहंस दडलेला असतो. त्या दृष्टीने महाविद्यालयामध्ये आणि विद्यापीठामध्ये विविध प्रकारचे अभ्यासक्रम सुरू केलेले आहेत. त्या संधीचा विद्यार्थ्यांनी अवश्य लाभ घ्यावा " असे त्यांनी प्रतिपादन केले.

त्याचदिवशी दुपारी ३.३० ते ५ - ' योग - सिद्धसमाधी योग ' - चिन्मय मिशन ' आणि ' आरोग्य ' या विषयावर डॉ. एस. व्ही. करंदीकर (कबीरबाग) यांच्या अध्यक्षतेखाली दुसरे सत्र झाले. श्री. जगदीश भट (सिद्धसमाधी योग) आणि श्री. ब्रह्मचारी शैलेश चैतन्यजी (चिन्मय मिशन) यांनी शारीरिक आरोग्याबरोबर मानसिक आरोग्याचेही महत्त्व आपापल्या भाषणांतून पटवून दिले.

मंगळवार दिनांक १३ जानेवारी २००९ रोजी सकाळी १० ते १.३० सत्र तिसरे ' पुस्तक निर्मिती प्रक्रिया ' या विषयावर झाले. या प्रसंगी मा. श्री. शरद गोगटे अध्यक्षस्थानी होते. " लेखनामधूनही आर्थिक लाभ होऊ शकतो. पण लेखन ही प्रक्रिया आहे. हे क्षेत्र आव्हानात्मक आहे. त्यामध्ये सातत्य असणे आवश्यक असते " असे प्रतिपादन श्री. निरंजन घाटे, डॉ. अरुणा ढेरे आणि श्री. गुरुनाथ नाईक यांनी केले. " आज लेखनामध्ये खूप मोठ्या प्रकारच्या संधी मिळू शकतात असे श्री. अनिल मेहता यांनी सांगितले. प्रत्येक प्रकारचे वाचन असणारा माणूस प्रकाशक होऊ

शकतो. या दृष्टीने ' स्काय इज द लिमिट ' असे हे क्षेत्र आहे असे मत व्यक्त केले.

अक्षरजुळणीच्या (डी. टी. पी) च्या संदर्भात श्री. हेमंत जोशी यांनी आपले मनोगत व्यक्त केले. त्यांच्या मते कमी गुंतवणुकीमध्ये हा व्यवसाय करता येतो. मुद्रित शोधनाबाबत शुद्धलेखन सुधारणे गरजेचे आहे असे मत श्री. अरुण फडके यांनी व्यक्त केले.

ग्रंथविक्रीच्या संदर्भात श्री. सु.वा. जोशी, श्री. अरुण गाडगीळ यांनी आपापले अनुभव सांगितले. अनुवादातूनही अर्थाजन होऊ शकते आणि आपल्याला आनंदही मिळतो, असे मत डॉ. उमा कुलकर्णी आणि श्री. प्रकाश चितळे (जर्मनी) यांनी व्यक्त केले.

मंगळवार दि. १३ जानेवारी २००९ रोजी दुपारी २.३० ते ५ सत्र चौथे - ' व्यापार आणि निर्यात ' या विषयावर झाले. या प्रसंगी श्री. पांडुरंग वाठारकर हे अध्यक्षस्थानी होते. श्री.सौरभ गाडगीळ (पी.एन.जी कॅलिफोर्निया) यांनी परदेशात आपल्या दुकानाची नवी शाखा सुरू केली. त्यावेळी आलेले अनुभव कथन केले. परदेशात दुकान सुरू करणे हे आव्हानात्मक होते. आज ग्लोबल मार्केटमध्ये दागिन्यांमधून बऱ्यापैकी नफा मिळविता येतो. त्याचबरोबर धोकाही असतो. असे स्वानुभवाने त्यांनी सांगितले.

बुधवार दिनांक १४ जानेवारी २००९, सकाळी १० ते १ सत्र पाचवे ' प्रसार माध्यमे आणि इतर क्षेत्र ' या विषयावर झाले. या विषयावर ' सकाळ ' चे संचालक - संपादक श्री. आनंद आगाशे अध्यक्षस्थानी होते. मुद्रित, श्राव्य, आणि दृक्श्राव्य माध्यमांची सरमिसळ झाल्यामुळे प्रसार माध्यमांमध्ये समन्वयापासून वृत्तनिवेदनापर्यंत अनेक संधी तरुणांना उपलब्ध आहेत. त्यादृष्टीने व्यक्तिमत्त्व विकासाकडे अधिक लक्ष द्यायला पाहिजे. मुख्य म्हणजे या क्षेत्रात येऊ इच्छिणाऱ्यांनी स्वतःवर, शब्दांवर प्रेम करायला

शिकले पाहिजे. असे मत मंगला खाडिलकर यांनी व्यक्त केले.

वृत्तपत्र आणि नियतकालिकांमधूनही तरुणांना संधी मिळत आहेत. त्या दृष्टीने पत्रकारितेकडे एक व्यवसाय म्हणून पाहिले जाते असे श्री. मुकुंद संगोराम यांनी सांगितले. निवेदनाच्या क्षेत्रातही भरपूर संधी असून विनीता आपटे यांनी निवेदक हा कार्यक्रम मिठासारखा असतो. पदार्थात ते कमी पडून चालत नाही आणि जास्त झाल्यास चव बिघडते. असे स्वानुभवातून मत मांडले.

आकाशवाणीमध्ये निवेदक, निर्मिती सहाय्यक, वादक, समालोचक, ग्रंथालय मदतनीस, तंत्रज्ञ आणि संपादन सहाय्यक आणि वृत्तनिवेदक अशा अनेक संधी उपलब्ध असल्याचे मंगेश वाघमारे यांनी सांगितले. सिडनी आकाशवाणीवरून प्रसिद्ध होणाऱ्या बातमीपत्राबाबत माहिती सांगून उज्वला बर्वे यांनी आज कम्युनिटी रेडिओचे मोठे क्षेत्र उपलब्ध असल्याचे सांगितले.

बुधवार दिनांक १४ जानेवारी २००९ - दुपारी २ ते ५ सत्र सहावे ' अभिनय आणि इतर क्षेत्रे ' या विषयावर श्रीमती लालन सारंग यांच्या अध्यक्षतेखाली झाले. दूरदर्शन या माध्यमामध्ये आपली स्वतःची शैली तयार व्हायला हवी असे श्री. अनंत भावे यांनी सांगितले. जनसंपर्क अधिकारी म्हणून कोणकोणती पथ्ये पाळायला हवीत. त्यांचे मनोरंजक पद्धतीने श्री. श्याम भुर्के यांनी विवेचन केले. रेडिओजॉकी हे क्षेत्रही आव्हानात्मक असून आवाजासाठी मेहनत घ्यायला पाहिजे असे श्री. संग्राम खोपडे यांनी सांगितले. संहिता लेखनामध्ये श्री. मिलिंद शिंदे आणि व्यक्तिमत्त्व विकासाबाबत एन. देशपांडे यांनी आपापले स्वानुभव कथन केले. एकपात्री अभिनयाच्या दृष्टिकोणातून जगण्यासाठी ' हसा आणि हसण्यासाठी जगा ' हा मूलमंत्र श्री. मकरंद टिळू यांनी दिला.

गुरुवार दिनांक १५ जानेवारी २००९ सकाळी १०

ते १ सत्र सातवे ' शैक्षणिक ' या विषयावर झाले. या प्रसंगी अध्यक्षस्थान मा. आमदार श्री. चंद्रकांत पाटील यांनी भूषविले होते. पी. ई. सोसायटीचे कार्याध्यक्ष डॉ. गजानन एकबोटे, डॉ. न. म. जोशी, प्रा. गौरिया होमराजन (मॉरिशस) आणि श्री. प्रवीण चव्हाण यांनी शिक्षणक्षेत्रातील विविध प्रकारच्या संधींविषयी मार्गदर्शनपरविवेचन केले.

त्याचदिवशी दुपारी ३ ते ४.३० सत्र नववे ' बँकिंग - पतपेढी - कार्यक्रम व्यवस्थापन ' या विषयावर झाले. त्यावेळी अध्यक्षस्थानी मधुकर तापीकर होते. श्रीमती कुलकर्णी (स्माईल) श्री. कृष्णकांत कुदळे, श्री. सुनील महाजन यांनी आपापल्या क्षेत्रातील मार्गदर्शनपरविवेचन केले.

गुरुवार दिनांक १५ जानेवारी २००९ रोजी दुपारी ४.३० ते ५.३० दहाव्या सत्राचा मा. डॉ. अरुण निगवेकर यांच्या अध्यक्षतेखाली समारोप झाला. श्री. विठ्ठल कामत (हॉटेल ऑर्किड), डॉ. गजानन एकबोटे (अध्यक्ष, पी. ई. सोसायटी आणि डॉ. रमेश देवरे (अधिष्ठाता, कला - ललित कला, पुणे विद्यापीठ) यांनी प्रमुख पाहुणे म्हणून आंतरराष्ट्रीय चर्चासत्राबाबतची भूमिका आणि आणि आपले विचार व्यक्त केले. तुटपुंज्या भांडवलावरदेखील परदेशात हॉटेल व्यवसाय सुरू करता येऊ शकतो असे आपल्या अनुभवातून श्री. विठ्ठल कामत यांनी तरुण पिढीला मार्गदर्शन केले. डॉ. स्नेहल तावरे यांनी आभार प्रदर्शन करून चर्चासत्राचा समारोप केला.

एकूणच या चर्चासत्राच्या निमित्ताने मराठी भाषेचा उपयोग करून देशात आणि विदेशात कोणकोणत्या प्रकारच्या नोकरी आणि व्यवसाय यांच्या संधी उपलब्ध होऊ शकतात त्या संदर्भात विद्यार्थी आणि मराठी भाषकांना मार्गदर्शनपर दिशा मिळाली आहे.

WORLD ENVIRONMENT DAY 5 JUNE 2009



TOWARDS A LOW CARBON ECONOMY



UNITED NATIONS ENVIRONMENT PROGRAMME



कॉमर्स असोसिएशनच्या बक्षिस समारंभ प्रसंगी
मार्गदर्शन करताना प्राचार्य डॉ. एन. एस. उमराणी



वर्कशॉप Framing of S.Y. B. Sc. (Computer Science) Syllabus"
डॉ व्ही. बी. गायकवाड (अधिष्ठाता, शास्त्र शाखा, पुणे विद्यापीठ)

नियोजित प्रशासकीय इमारत

