

**Dayanand Science College,**

**Latur, Maharashtra**

**COLLEGE WITH POTENTIAL FOR EXCELLENCE**

**REPORT**

**(2016 – 2018)**

**Submitted to**

**THE UNIVERSITY GRANTS COMMISSION**

**Bahadurshah Zafar Marg,**

**NEW DELHI**

DSCL, A lead  
Institute

**HEARTY & WARM WELCOME TO ADVISORY COMMITTEE**

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**MSc, Mphil, PhD**

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**Former Vice-Chancellor**

**Sri Venkateswara University, Tirupati**

**Prof. Dr. B. S. Biradar**

**Former Principal**

**Karnatak Arts, Science & Commerce College, Bidar**

**Hon. Laxmiraman Lahoti**

**President**

**DES, Latur**

**Hon. Ramesh Biyani**

**Secretary**

**DES, Latur**



Flowers  
And  
Favours



**DSCL, A lead  
Institute**

# **DAYANAND SCIENCE COLLEGE, LATUR**

[www.dsclatur.org](http://www.dsclatur.org)



**Established on 1961 by  
Dayanand Education Society, Latur  
Chairman – Hon. Laxmiraman Bankatlal Lahoti**

**Dayanand Science College**  
**UGC - College With Potential For Excellence**  
**Progress Report (2016-2018)**

**Preface:**

**Dayanand Education Society** is one of the oldest educational society which was established in 1961. The motto of institute is **“AA No Bhadra Kratawu Vishwata:”** ***“Let the Noble thoughts come to us from all the directions of the universe”***. In the campus of Dayanand Education Institute there are six different Colleges imparting education from Junior to Senior College level to 15,000 students. In this Institute, about 800 teaching and non-teaching staff who constantly strive hard to achieve the mission and goals of the Society. The modest beginning was the foundation of Dayanand College of Arts, Science and Commerce in the year 1961. In 1964, the inclusion of (late) Shri. Manikraoji Sonwane and (late) Shri Raja Narayanlalji Lahoti in the Governing Board of the Society in 1964 gave tremendous impetus for the development of the Society. The institution has now made such a rapid progress with the establishment of three separate single faculty colleges run by the Society. The institution has bagged many State and National awards. Recently, the Institution celebrated Golden Jubilee and His Excellency **Hon. Pranab Mukherjee, the President of India**, solicited his presence at the closing ceremony of the programme. The institute has gone far ahead, yet it aspires to further in each and every academic year.



# Golden Jubilee Celebration

## 2013



## About the College:

Dayanand Science College, Latur, is unique, first oldest and the finest single faculty college in the region of Marathwada, pursuing excellence in science education with several branches. Dayanand Science College became independent in 1967. The College not only provides education in basic and applied subjects, but also pays attention to the current innovative approaches towards the higher education. The college has 13 subject combinations for UG programs, 06 PG programs, 04 Research centers and 04 COP Programs. The Research centers have collaboration with the research centers and scientists of the various countries, such as USA, Korea, Switzerland, Poland, Greece, Malaysia, Romania, Oman, Thailand and Singapore etc. Due to the quality education, the college received different National and International awards and schemes. In the year 2012, our institution received **Shahu-Phule-Ambedkar Award** by Maharashtra State Government. In 2013, the college received **DST-FIST** recognition. In the year 2014, College had been awarded **"A" grade in NAAC** Accreditation 2nd cycle with CGPA 3.14 out of 4.00. In the year 2015, College received **Best College (Urban)** Award from SRTM University, Nanded. In the year 2016, College has been awarded **"College with Potential for Excellence Award (CPE)"** by UGC and able to receive grant of Rs.5 Crores in three phases. Our Principal Dr. J.S. Dargad has been recently awarded by **"Best Principal Award"** by SRTM University, Nanded. The college is well known about the development of "Latur pattern of Education" in the state of Maharashtra for the meritorious pattern. In last five years college organized 15 DST Inspire campus, 3 Indian Academy of Sciences refresher courses under the co-ordinatorship of Former Principal R.H. Ladda, College organized 1 International, 14 National, 11 State /Regional conferences and workshops. Selection of College for **2 Cr RUSA Grant under Component 9.**

# Affiliation & Recognitions



Marathwada University, Aurangabad  
1961-1994



Swami Ramanand teerth Marathwada University, Nanded 1995



UGC Recognized 2F, 12B  
1971



NAAC Accreditation 1<sup>st</sup> Cycle  
2004 B<sup>++</sup> Grade



DST – FIST Recognized and sponsored  
2013

Shahu – Fule - Ambedkar Award from Govt of Maharashtra  
2014



NAAC – Reaccreditation A Grade  
May - 2014



Best College Award from SRTMU, Nanded  
2016



UGC – CPE  
2016



Best Principal Award from SRTMU, Nanded  
2016



RUSA Grant under component 9 of Rs 2 Cr  
2018

## **COLLEGE WITH POTENTIAL FOR EXCELLENCE ANNUAL REPORT 2016-2018**

DSCL is a leading Single Faculty Science college is grateful for having received status under the College with Potential for Excellence (CPE) scheme for the first time in the year 2016. The College has been utilizing the grants and continues to use the remaining to advance its standards and for further efficiency. The grant has been used in all the endeavors of the College for the improvement of the teaching-learning process, in fostering research, in raising consciousness about the environment and community welfare, sensitization towards women's issues, Teachers enrichment, and skill development workshops in motivating students to strive for a global need and academic standard.

New courses, research centers have been introduced and a few which are in the pipeline will begin in the coming years ahead. The faculty members have shown interest in research activities, guiding research at the UG & PG, PhD students and in the organization of events by inviting eminent academicians, scientist as guest lecturers; all the high standards are achievable with an efficient network of associations towards the mission of being and the students who have done us proud.

### **Objectives and silent features of the scheme:**

#### **A) Teaching Facility (U.G.):**

1. To strengthen the academic and physical infrastructure for achieving excellence in teaching and learning at Under Graduate level.
2. To equip students and teachers with adequate latest skills and techniques to acquire global competencies in Teaching and Learning process.
3. To promote innovative learner-centered teaching methodology.
4. To enhance the involvement of the students and teachers in the ICT based classroom through power-point presentation, Smart boards, with visible animation, videos etc.
5. To enable students and staff to enhance and update their computer knowledge and efficiency and be on par with the latest global trends.
6. To improve access to advanced educational experiences by allowing students and teachers to participate in remote learning communities using personal computers; and to improve the quality and effectiveness of education by using the computer to support a collaborative learning process.



## **B) Research:**

7. To involve students and teachers in the preservation of scientific temper and research culture. 8. To update and train the teachers in the latest computer technologies to maintain research ambience among the researchers. 9. To provide hands on training and promote research among students. 10. To take active participation of students & teachers in national, international research based conferences, seminars, workshops and to present their research papers there. 11. To organize research/IPR based conferences, seminars, workshops in the college.

## **C) Extension:**

10. To promote the Social ambience among the students, teachers and villagers the extension activity is mainly the application of knowledge to real life, problems faced on the ground/ field. 11. To communicate the acquired knowledge in skills and laboratories if taken to fields in respective areas would enrich students and teachers innovative ideas, which leads towards the excellence of individual and some total of excellence is the excellence of the institution that is why all the extension activities are necessary to make awakening of rural masses for betterment of tomorrows India.

## **D) Other Activities:**

12. To employ latest technology as aid in teaching, learning and training in public speaking in order to develop the personalities of the students to enable them to acquire and strengthen qualities of leadership. 13. And above all to achieve global standards in education, training and research throughout the teaching and student communities of the college which would be effectively engaged in developing economy of the country.

## **E) Innovative Practices:**

### **1. Environment consciousness:**

Trekking programmes, Forest visit, National garden or Bio-sphere visit, River site and Village pond visit for pollution etc. The Nature Club is to be established to conduct nature camps and 'nature walks' in association with some NGO. Observation of Environment Day, Hiroshima Day, NSS Unit is to be associated with the

Nature club to enumerate and survey all the plants in the campus and give name plate boards on the trees to identify them. The Dept of Botany is conducting a study on soil testing in the region with State Government Agencies. Dept of Zoology & Fish. Science given job to motivate students and farmers for Fish farming. DSCL is running a MPCB's center of Ambient Air Quality Monitoring Center under MPCB of state Govt.

**2. Energy conservation:** The college is taking take many steps to minimize energy consumption. These include:- Replacement of energy consuming tube light & bulb with energy saving CFL.tubes & LED bulbs. Energy consumption in the hostel is to be monitored by a committee which can successfully bring down power consumption by enlightening the inmates about the indispensability of energy saving. The Energy Conservation Club has to conduct various programmes, discussions and campaigns to create an energy conserving mentality among the students. The college has to foster an energy saving attitude among students and staff through various programmes, discussions and campaigns in association Ministry of Petroleum of the central Govt. College has to also organize an inter departmental, power quiz for the students.

**3. Ecofriendly Campus:** Use of renewable energy: College has to adopt and prepare a proposal to install solar panels in the campus for which subsidy can be obtained from the State Government or Non-conventional Energy ministry, Govt.of India. Rain water harvesting: There has to be a provision for rain water harvesting in the main building of the college.

**4. Efforts for carbon Neutrality:** The old practice of burning waste may be stopped. To collect the waste every day and bury degradable waste near trees or in a nearby pit so that it becomes manure for the trees and other vegetation or vermi composting. The non-degradable waste regularly is to be collected by local agencies for recycling. Biogas -plant set up. NSS volunteers and NCC cadets should plant trees in the campus. The college has to be conducted awareness programmes on global warming, Ozone depletion and such other environment related issues.

**5. Swachh Campus-Green Campus:** The Nature Club or NSS of the college can organize tree plantation drive regularly. The Department of Botany or College can maintain a herbal garden in the campus. There can be Peepal, Kadamba, Batvrsaksha plantation as part of the green campus, as these trees give out more oxygen

and have wide-spreading foliage, and also facilitate deep and sustained ground water percolation. Regular cleaning of campus by NSS, Volunteers, staff & Teachers

## **Innovative and Motivational Practices for Students:**

### **1. Organization of Inspire Science Camps;**

"Innovation in Science Pursuit for Inspired Research (INSPIRE)" is an innovative programme sponsored and managed by the Department of Science & Technology for attraction of talent to Science. The basic objective of INSPIRE is to communicate to the youth of the country the excitements of creative pursuit of science, attract talent to the study of science at an early age and thus build the required critical human resource pool for strengthening and expanding the Science & Technology system and R & D base. A striking feature of the programme is that it does not believe in conducting competitive exams for identification of talent at any level. It believes in and relies on the efficacy of the existing educational structure for identification of talent.

### **2. Awishkar Research Festivals:**

'Avishkar', a novel research oriented event designed with the intention to develop research and scientific culture among the students from undergraduate to doctoral level. This unique activity initiated by his Excellency, the then Governor and Chancellor of Maharashtra, Shri. S. M. Krishna in 2006, for providing not only a platform/opportunity to express research talent in young talented, extraordinary brains but also for boosting the scientific, social, technological and management skill/temperament in the students from various Colleges/Institutions and Universities in Maharashtra.

**3. Vigyan Manch:** To provide a Science forum to children of **VII- IX Class to explore their creativity and innovations**. To impart the Science Principles through learning while doing practical's. To create innovation Scientific temperaments among young school children's. **Organization of Camps:** The activities implemented on behalf of Maharashtra State Science Education Society, Nagpur through a district Educational Officer of Zilla Parishad. Participating **Students Urban (40) Rural (30), Total 70. Selection by Screening from 350 Students with conducting exam.** Activities of the camp: Practical's on Basic Sciences., Science Quiz and Group Discussion, Eminent lectures by mentors., Hands on activities from various disciplines., Industrial tour, Residential facility to 30 rural students. **Achievement:** To face for National Talent Search Examination, MTS, NTS, & Science , Math's Olympiads, To develop Interest in basic Science, Scientific attitude among students to explore and think for research work, To qualify NTSE, MTSE.

# **Our Academic Programs**

## **1) UG (03)**

- i) B. Sc. ii) B. Sc. Comp. Sci. iii) B.Voc.**

- 1. Mobile Communication Technology**
- 2. Animation & Multimedia**

## **2) PG (04)**

- i) M.Sc. Org. Chem.**

- ii) M.Sc. Micro.**

- iii) M.Sc. Comp. Sci.**

- iv) M.Sc. Biotec.**

- v) M.Sc. Physics (2016-17)**

- vi) M.Sc. Math (2016-17)**

## **Certificate courses (UGC-COP) (03)**

- i) Drug Analysis**

- ii) Mobile Repairing**

- iii) MATLAB Training course**

## **4) Ph. D. Programs (05)**

- i) Microbiology**

- ii) Mathematics**

- iii) Physics**

- iv) Botany**

- v) Zoology**

- vi) Chemistry\***

## **Recognized Research Centers**

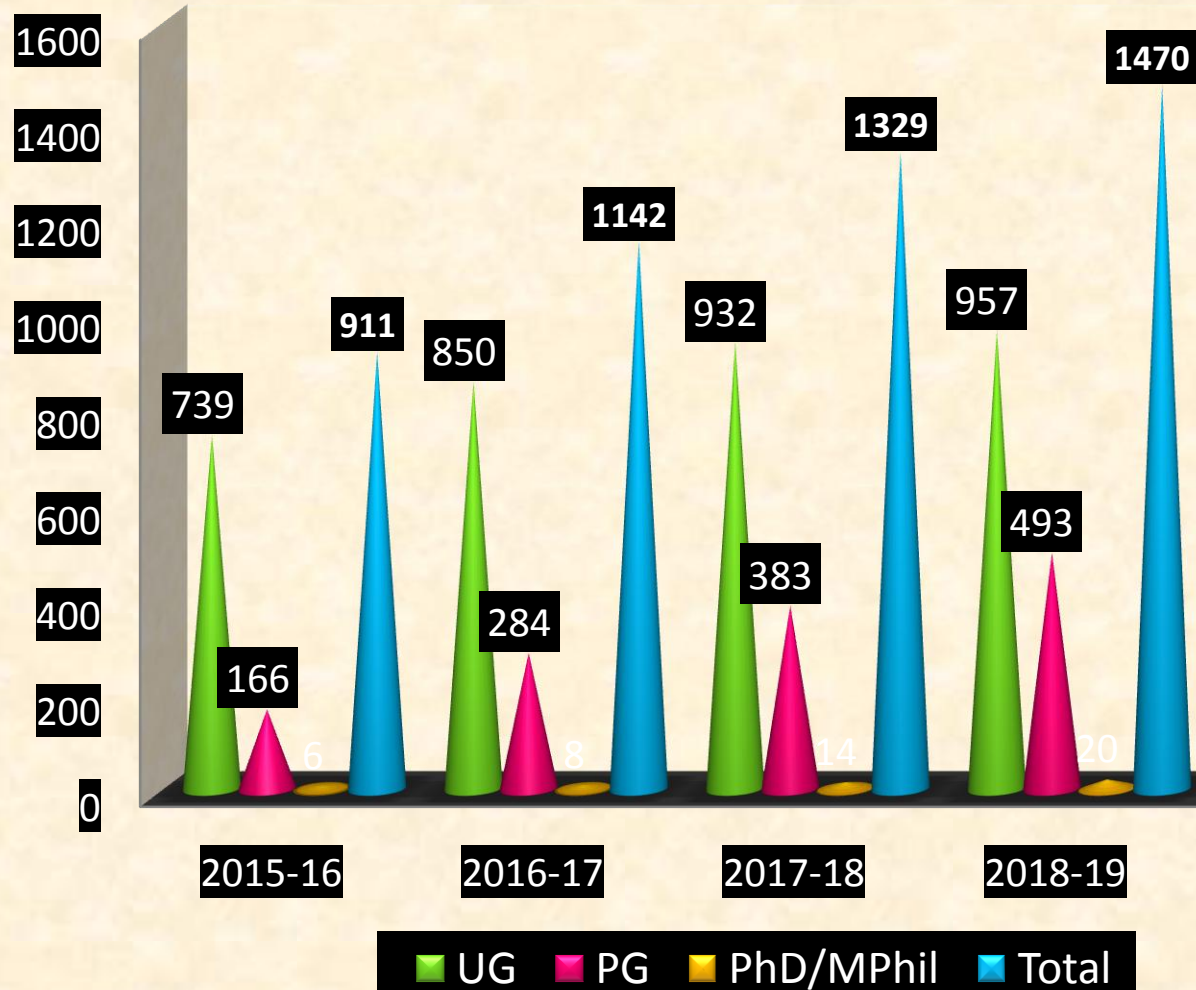
- 1) Research Center in Microbiology**

- 2) Research Center in Physics (2016-17)**

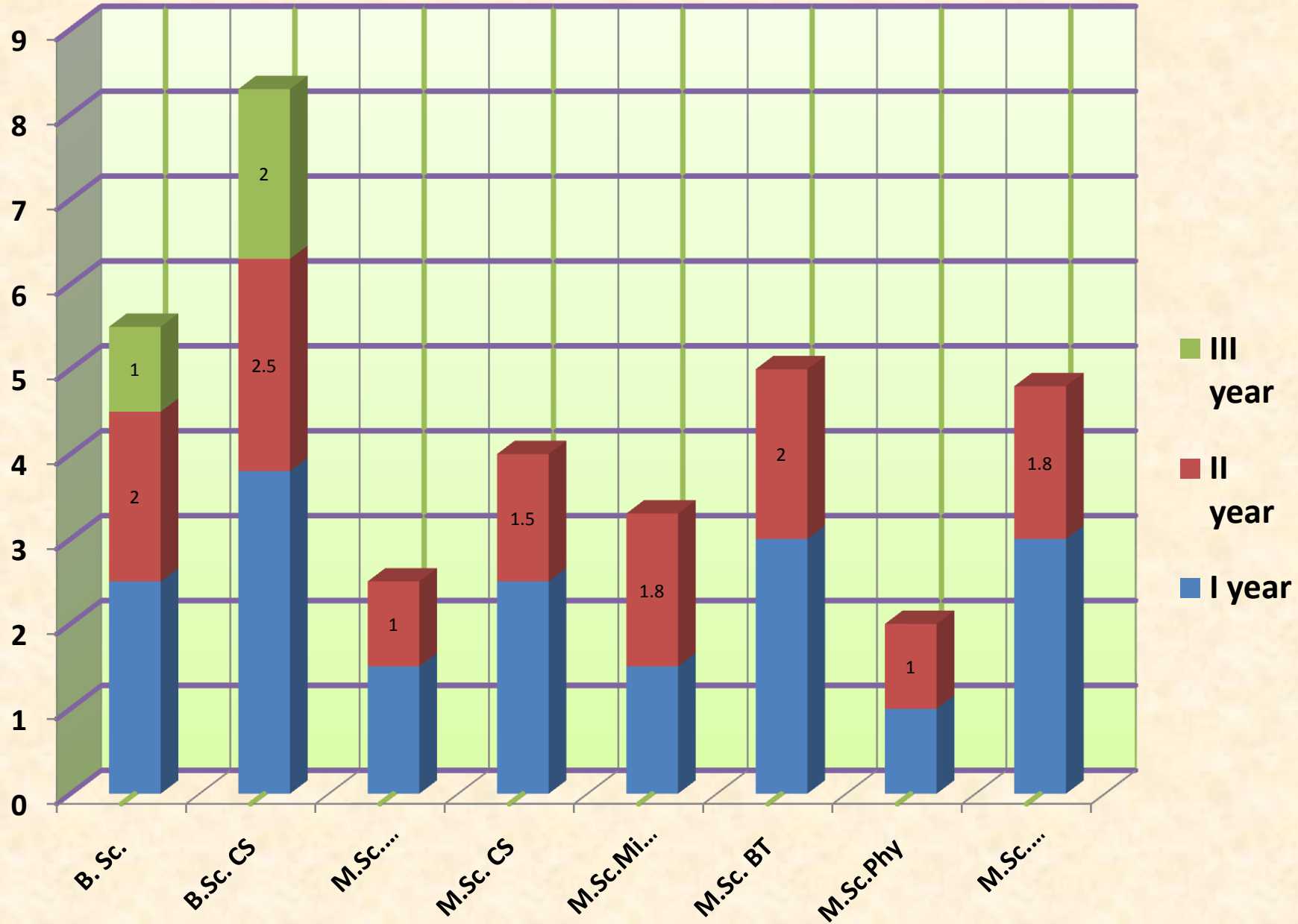
- 3) Research Center in Mathematics (2016-17)**

- 4) Research Center in Chemistry\* (2018-19)**

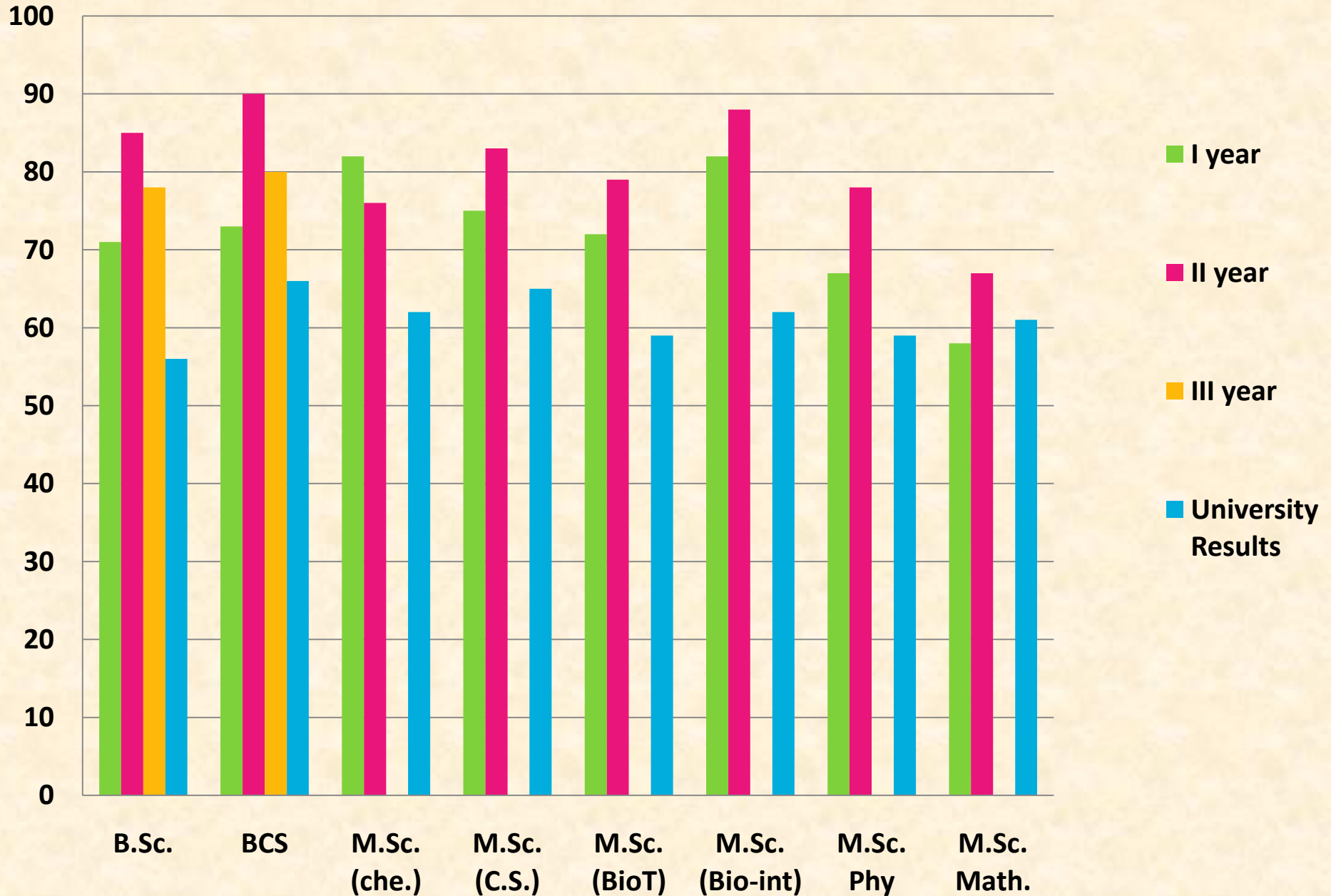
# Students Enrollment



# Drop out Ratio 2017-18



# Results (2018-19)



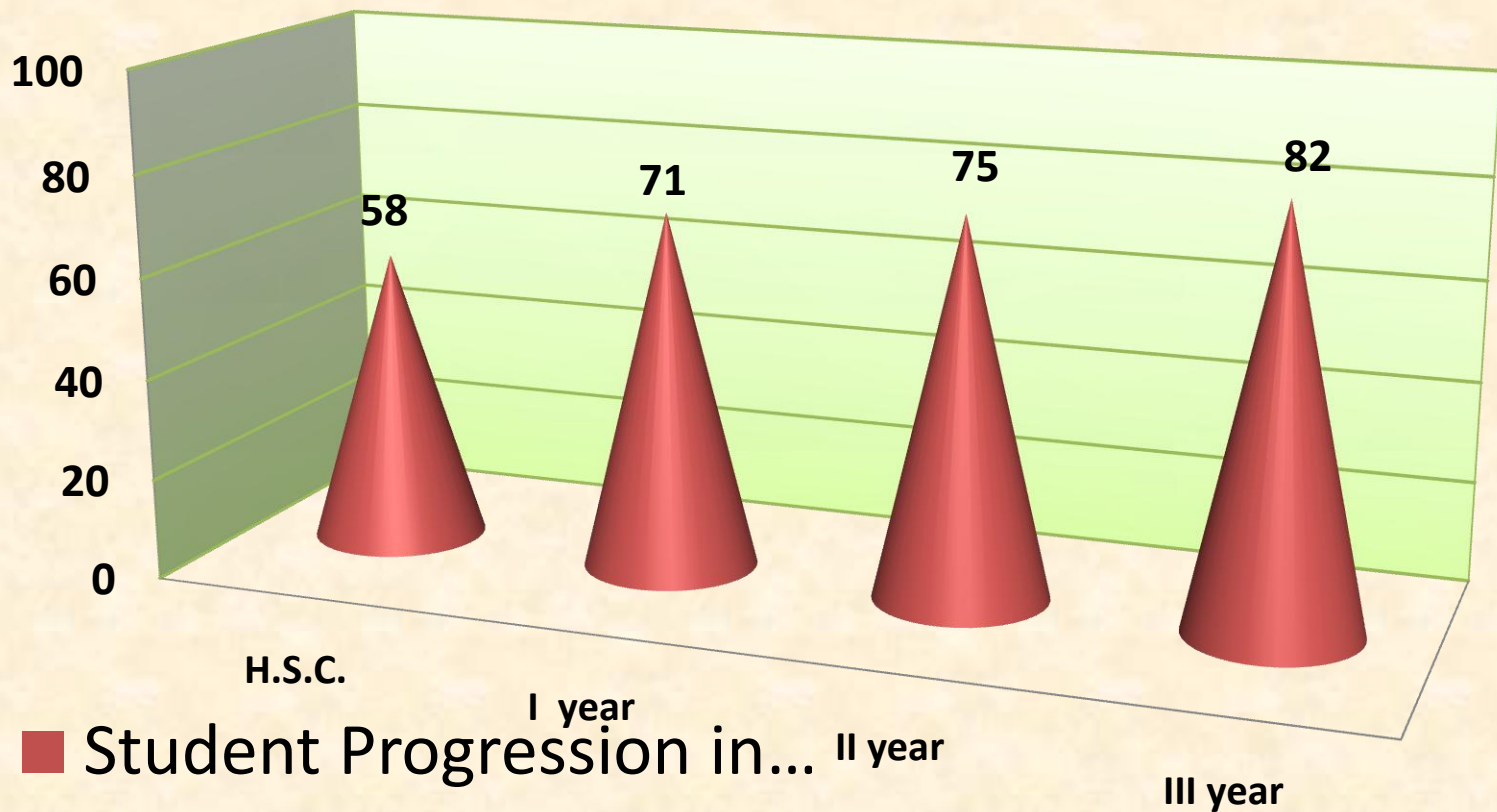
# Students Academic Merit

Year	Class	Name of the Student	Percentage	University Rank
2015-16	B.Sc.	Ku. Dhage Ravina Venkatrao	92.88	Gold Medal (I)
		Patil Ashwini Balasaheb	91.97	Silver Medal (II)
	M.Sc. Biotec	Gaikwad Ramrao Ganesh	80.60	Silver (II)
		Dharashivkar Neeta Gajananrao	79.68	Bronze (III)
	M.Sc. Micro	Kulkarani Pruthvi Diliprao	79.24	Bronze (III)
	M.Sc. Chem	Jagtap Jyoti Baliram	84.66	Gold (I)
		Madkar Pooja Arun	82.40	Bronze (III)
2016-17	B,Sc. (English)	Palsapure Vidhi Subhash	88.23	Gold (I)
	M.Sc. Chem	Durrani Tafil Fatemaayub Khan	86.28	Gold (I)
		Gogade Priyanka Narhari	85.56	Bronze (III)
	M.Sc. Micro	Patil Komnal Ramesh	79.00	Silver (II)
		Bellure Sangmeshwar Prakash	78.76	Bronze (III)
2017-18	B.Sc.	Ghuge Usha Balaji	92.70	Silver Medal (II)
		Palsapure Vidhi Subhash	91.64	Bronze Medal (III)
	M.Sc. Chem	Biradar (Tamboli) Asma Turab	91.84	Gold (I)
		Patil Kiran Dayanand		Silver (II)
		Shaikh MasaratBegam Barkatali		Bronze (III)



# Students Progression in Percentage (2017-18)

Year	Class	Name of the Student	Percentage	University Rank
2017-18	M.Sc. Physics	Pawar Mahesh Vitthal	82.6	Gold Medal (I)
		Shivpuje aanasahebh Balasahebh	80.76	Silver Medal (II)
	M.Sc. Micro	Soni Shradda Dilipkuma	77.36	Bronze Medal (III)
	M.Sc. Biotec	Karpude Fatima Batul Jabbar	83.28	Silver Medal (II)



# **Students Academic Merit at University**

**During last 3 years**

**Gold Medal**

**Silver Medal**

**Bronze Medal**

6

7

8

**Total**

**21**

## 3 Days Workshops for Students

<b>Workshop</b>	<b>Subject</b>	<b>Duration</b>	<b>Students</b>	<b>Funds</b>
1	Phy/Chem/Maths	1-3 Oct, 2016	150	187750/-
2	Conceptual Chemistry	6-8 Jan, 2018	150	179500/-
3	<b>Mathematics (Applied)</b>	<b>11-13 Jan, 2019</b>	<b>150</b>	<b>187000/-</b>
4	<b>Chemistry (Applied)</b>	<b>10– 2 Dec, 2018</b>	<b>150</b>	<b>184,000/-</b>

## 15 Days Refresher Courses for Teachers

<b>Refresher</b>	<b>Subject</b>	<b>Duration</b>	<b>Teachers</b>	<b>Funds</b>
1	Physics (Quantum Mechanics & Nuclear Physics)	15-30 April, 2016	35	807000/-
2	Chemistry	25 June – 10 July, 2017	25	865000/-
3	Mathematics	11-25 June, 2018	35	885000/-
4	<b>Life Sciences (Applied)</b>	<b>1-15 June, 2019</b>	<b>35</b>	<b>8,85000/-</b>

## Refresher Course in Mathematics - Mentors

1	Prof. Dr. Mythily Ramaswamy , T.I.F.R. FNASc, T.I.F.R. Center for Applicatble Mathematics Bangalore
2	Prof. Dr. Sharad Sane, FASc, Emeritus Fellow Dept. of Mathematics, I.I.T. Bombay, Pawai, Mumbai –
3	Prof. Dr. V. Kannan, FASc, Emeritus Fellow School of Math and Statistics, University of Hyderabad
4	Prof. Dr. Deepmala Rai, PDPM Indian Institute of Information Tech, Design 2 Manufacturing, Jabalpur.
5	Prof. Dr. Vishnu Narayan Mishra, Gold Medalist, YSA, Assoc. Prof. of Math, I.G.N.T.U. Lalpur, M.P., India
6	Prof. Dr. Ram Bilas Misra, Ex- Vice Chancellor, DAAD-Fellow, Lucknow- 226010, U.P.

## Refresher Course in Physics - Mentors

1	Prof. Dr. Atul K. Mody, Dept of Physics, R. H. Sapat College of Engineering, Nashik
2	Prof. Dr. P. Duraganandini, Department of Physics, Saviribai Phule Pune Univeristy, Pune - 411007
3	Prof. Dr. Avinash Khare, Department of Physics, Saviribai Phule Pune Univeristy, Pune – 411007
4	Prof. Dr. Dr. Anuradha Misra, Department of Physics, University of Mumbai, Mumbai 98
5	Prof. Dr. Dr. Swaminathan Kailas, Physics Group, BARC, Saviribai Phule Pune Univeristy, Pune - 411007
6	Prof. Sunil D. Deshpande, Dept of Phys, Babasaheb Ambedkar Marathwada University, Aurangabad.
7	Prof. Dr. Bhalchandra Pujari, Centre for Modeling and Simulation, S. P. Pune University, Pune - 411007

## Refresher Course in Chemistry - Mentors

1	Prof. Dr. Dilip Dhavale, FASc, FNASc Department of Chemistry, S P Pune University Pune - 411007
2	Prof. Dr. Prof. M. S. Wadia, M.Sc. Ph.D. Plo Villa, 28 Yeshwant Nagar, Ganeshkhind, Pune – 41100
3	Prof. Dr. Suresh B. Waghmode, M.Sc. Ph.D. Dept of Chemistry, Savitribai Phule University, Pune
4	Prof. Dr. Vivek Bobade, M.Sc. Ph.D. Dept of Chemistry, HPT Arts and RYK Science College, Nashik
5	Prof. Dr. Sangita Makone, M.Sc. Ph.D. School of Chemical Sciences, S.R.T.M.U. , Nanded - 431606
6	Prof. Dr. N. N. Karade, M.Sc. Ph.D. Dept of Chemistry, R.T.M. Nagpur University, Nagpur - 440033

# 3 Days Indian Academy of Sciences Workshop



# 3 ays Indian academy of Sciences workshop on Conceptual Chemistry



# (Refresher Course in Quantum Mechanics & Nuclear Physics)

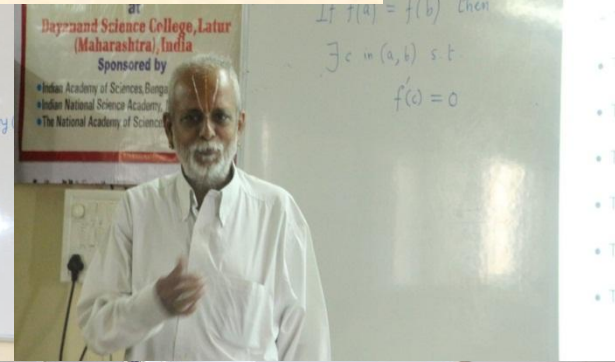
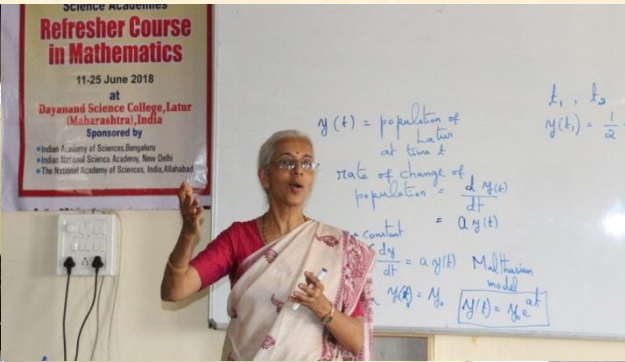


# Refresher Course in Chemistry in Collaboration with IAS





# Refresher Course in Mathematics In Collaboration with IAS



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



## Organized Conferences /Seminars/Workshops/Refresher (2016-18)

S.N.	Type of activity	Dept	Dates	Funding Agency	Sanctioned Amount(Rs)	Institutes Contri (RS)	Level	Duration
1	Refresher Course	Physics	15-30 April, 2016	IAS, Bang	8,07000	50000	National	15 days
2	Lecturers Workshop	P, C Math	1-3 Oct. 2016	IAS, Bangl	1,87000	25000	District	03 days
3	Refresher course	Chemistry	21-6-18 to 05-07- 18	IAS, Bang	8,65500	50000	National	15 days
4	Refresher course	Math	11-25 June 2018	IAS, Bang	8,85500	50000	National	15 days
5	Inte Conference	Math	5-9, March 2017	DST, INSA, SERB,CSIR,NB HM	4,50000	200000	Intern	5 Days
6	Lectures Workshop	Chemistry	6-8 /1/18	IAS, Bangalore	1,840000	20000	District	3 Days
7	Refresher course	Math	11-25 /6/18	IAS, Bang		50000	National	15 days
8	PhD Course	Math	1-12/06/16	SRTMU, Nanded	25000	10000	State	15 Days
9	PhD Course	Math	25-10/6/17	SRTMU, Nanded	25000	10000	State	15 Days
10	PhD Course	Math	25-10/06/18	SRTMU, Nanded	25000	10000	State	15 Days
11	Workshop on Curriculum Design	Phy/Math/ Chem/Zool	6 Aug, 18	UGC-CPE	1, 25000	10000	National	1 Day
12	Conference (IPR)	Botany	22 Sept, 18	UGC-CPE	90,000	10000	National	1 Day

# Curriculum Design National Workshop in the Subjects of Math, Phys, Zool & Chem



# International Conference in Applied Mathematics



# Intellectual Property Right National Conference



## Organized Skill Development Workshops (2016-18) for students

S.N.	Type of activity	Dates	Funding Agency	Sanctioned Amount (Rs)	Collaborating Govt. agency	Level	Duration
1	Entrepreneurship Development for girls	3-5 Jan, 2016	UGC-CPE	35000/-	DIC, Latur	District	3 Days
2	'Soil and Water Testing Camp' for farmers	06-01-17	UGC-CPE	-----	College, Botany Dept	District	1 Day
3	Entrepreneurship Development for girls	21-23 /12/17	UGC-CPE	35000/-	DIC, Latur	District	3 Days
4	'Energy Management'	11-04-18	UGC-CPE		PCRA, Ministry of Petroleum, GOI.	College	1 Day
5	'Energy Management'	07-09-18	UGC-CPE		PCRA, Mins of Petro	College	1 Day
6	'Skill Enhancement Course – Floriculture'	18-09-18	UGC-CPE		Venkatrao Deshmukh College, Bablgao	College	1 Day
7	"Blue Revolution" For Students & Farmers	24-25 /11/17	UGC-CPE		N.F.D.B,Dept of fish ,Govt. of Mahar.	District	3 Days
8	Workshop on course in Zoology ( B.Sc. T.Y., C.B.C.S., SEC (practical)	06-08-18	UGC-CPE		SRTMU, Nanded	District	1 Day
9	Marathwada Mathematical Seminar	02/02/16	college		Marathwada Mathematical Soc.	Marathwada	1 day
10	Ramanujan Mathematical Competition	22/01/17	college		Marathwada Mathematical Soc.	Marathwada	1day
11	Madhva Maths Competition	02/01/18	college		Marathwada Mathematical Soc.	Marathwada	1 day
12	Organic Farming for students & Farmers	12/01/18	UGC-CPE		District agriculture Office, Latur	District	1day
13	Computer Literacy Workshop For Non-Teaching	12- 18/04/18	UGC-CPE		Comp. Sci. Dept of DSSL	College	6 days

## Entrepreneurship Development Programme



## Health & Sexual Harassment Awareness Programme for Girls



## Farewell For M.Sc. Student





## Energy Management & Conservation Awareness Camp For Staff



## Energy Management & Conservation Awareness Camp For Students





# Entrepreneurships Development Workshop



# Workshop on FISH FARMING for Students & Farmers in Collaboration with NFBD



# Workshop on For Cultural Association





**Financial Literacy Awareness Camp in Collaboration With SEBI**



**Skill Development Floricultural Workshop for Students**

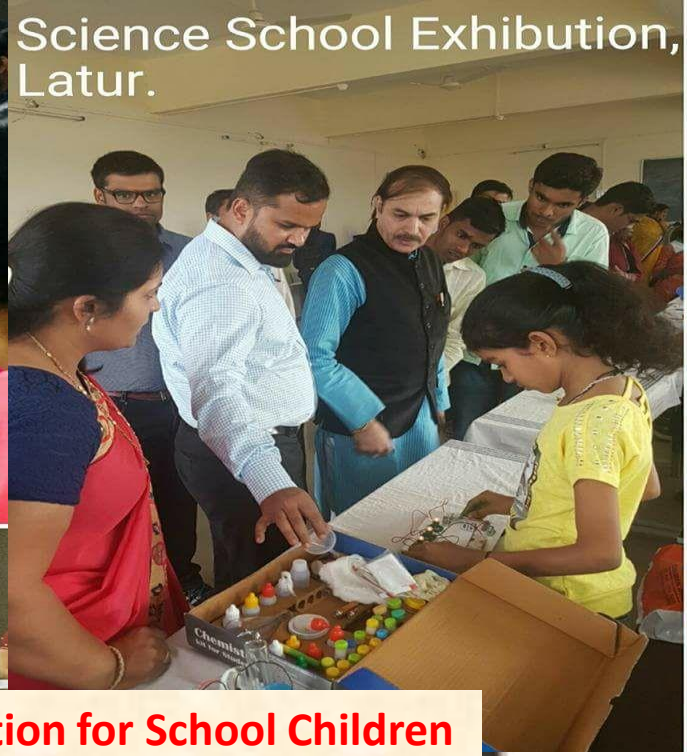




Inauguration Ceremony



Science Exhibition for School Children



Science School Exhibition, Latur.



# 6 Days Computer Literacy Workshop for Non-Teaching Staff



# Students/Parents Meeting



# Marathwada Region Madhwa Maths Competition



Dayanand Education Society's  
**Dayanand Science College, Latur**  
Organized  
**16<sup>th</sup> Annual Final Seminar Competition  
on Mathematics & its Applications**  
Sponsored by  
**Marathwada Mathematical Society, Aurangabad.**  
: Chief Guest : : President :  
Prof. D.B. Dhargade (Executive President MMS, A'wad) Dr. J.S. Dargad (Principal, Dayanand Science College, Latur)  
: Guest of Honor :  
Dr. B.R. Kulkarni (Chair Secretary, MMS, A'wad) Dr. J.N. Sankhe (Former Secretary, MMS, A'wad) Dr. R.R. Sontake (Member, MMS, A'wad)  
: Cordially Yours :  
Asst.Prof. V.D. Gokhale Asst.Prof. V.D. Gokhale Dr. S.S. Bellare  
Date: 10<sup>th</sup> February 2018, 10:00 am to 5:00 pm

# Science Day Celebration



# Farewell Function of MSc Math



# Cultural Association



# Students Social Gathering







# Social Gathering



# Youth Festival



# Students Council Inauguration



# Student Council Meeting



# Communication Skill Seminar



# Farewell Function



# Farewell Function





**Industrial Visit by dept of IC**



**Study Tour by Dept of Bot**

**Study Tour by Dept of Physics**



**Industrial Tour by Comp Sci**



**Study Tour by Dept of FishSci/Zool**



Science association Inogration



International Conference as a chief Guest



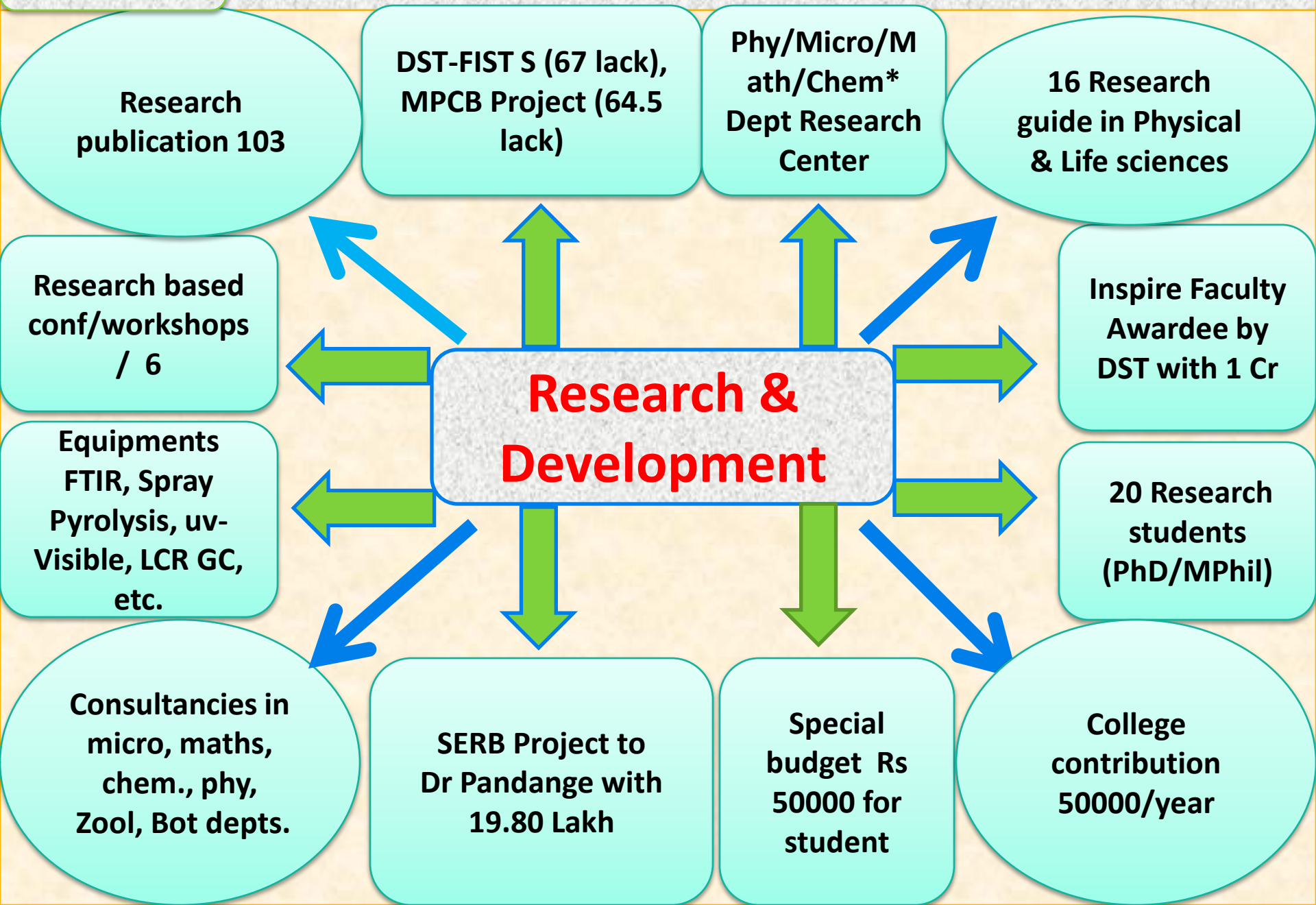
Campus Placement



College Magazine Unmesh



# Research & Development (2016-18)



# Dayanand Science College, Latur

## Research Projects

**Contextual research projects solving local problems:**

**National Ambient Air Quality Monitoring programme, Latur NAMP/ SAMP Project, Maharashtra Pollution Control Board, Mumbai Since 01/04/2008. Total Grant Received: 69,36,550/. Parameter Analysis: RSPM, SPM,  $SO_2$ ,  $NO_x$ , 3 Stations.**

**Outcomes of Project: From this project, we analyzed the RSPM ( Respirable Solid Particulate Matter ) , SPM ( Suspended Particulate Matter ),  $SO_2$  (Sulfur Dioxide) ,  $NO_x$  ( Oxides of nitrogen ) and Result submitted to MPCB. MPCB gives necessary suggestions to various authorities like Municipal corporation for repairing the internal roads to control the RSPM (PM 10) and MPCB sub-regional office-Latur, MIDC authority also.  $SO_2$  and  $NO_x$  values are found that below the values of permissible limit of M.P.C.B. from 2008 to 2018. Publications: 5**

**Other Research Projects: 1. DST Inspire Faculty Adwardee Dr. MahadevPandnge: Title: Understanding the nature of X-ray bright normal galaxix XBONG's. Project Sanctioned for 1 Cr. Duration: 5 yrs, Papers: 7 Published 2 Communicated.**

**2. SERB Project: Multiwavelength Investigation of AGN feedback in group and clusters of galaxies covering a wide range of redshift. 26 lakhs, 3 Publications.**

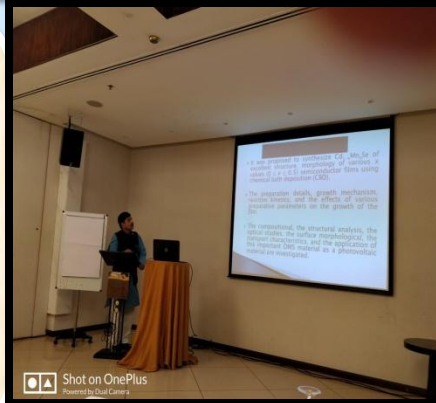
**3. Major research projects by different faculties are submitted to DST Nano mission for Rs 75 lakhs, and other projects to UGC, SERB in Physical & life Sciences.**

**B,Sc., M.Sc. Students are actively involved in R&D activity. College has recognized research center in Physics, Chemistry, Math, Microbiology. 16 research guides, 20**

# Faculty Visited Abroad

Some of our faculty members attended and presented their research papers in the international conferences.

Zurich, Switzerland  
(Chairpersons)  
Cluj- Napoca,  
Romania  
Bangkok, Thailand  
Florida, USA  
Paris, France  
South Korea  
Mauritius  
Colombo, Shrilanka  
NASA, USA  
Dubai



In collaboration with Maharashtra Pollution Control Board,  
Govt. of Maharashtra

## Ambient Air Quality Monitoring Stations In Latur City

Total Grants received From MPCB 6936550/-

### Station A- Sensitive area

Site is at Keshawraj school,  
Shamnagar, Latur

### Station B- Residential area

Site is at Boy's Hostel  
Ganjgolai, Latur

### Station C- Industrial area

Site is at M.I.D.C.  
Water works, Latur

### Coordinator

**Dr. J S Dargad, Principal**

M.Sc. M.Phil. Ph.D

### Co-Coordinator (Ind Chem)

**Dr. A.M. Chougule**

M.Sc. M.Phil. Ph.D

### Junior Scientific Assistant

**Dhekane N. S.** M. Sc.

### Field Assistant

i) **Valmiki C. M.** B.Sc.

ii) **Wagh M.A** B.Sc.

iii) **Khobare K. B.** B.Sc.



## **Sample collection at (Sensitive) Keshawraj School Station**

**The Field Assistant monitoring and collecting the sample for laboratory analysis.**



**Jr. Scientific Assistant analyzing the samples for received from monitoring stations.**



## Major Outcomes

- The three Air monitoring stations are regularly operating with good remakes as per MPCB/NAMP approved protocol.
- The extended period of NAMP programme up to 31/04/2014.
- The result of air quality data of RSPM, SPM,  $\text{So}_2$  &  $\text{No}_x$  Submitted to MPCB office Mumbai, Aurangabad, Latur, every month regularly.
- One research paper published and one research paper communicated.
- The analyzed parameters and conclusion drawn on the basis of our result, suggestion are given to the Municipal Corporation by MPCB Mumbai.

# **International Research journal Publications**

## **Open Access**

<b>Sr No</b>	<b>Name of the journal</b>	<b>ISSN No</b>	<b>Editor in Chief</b>	<b>Publisher</b>
<b>1</b>	<b>International Journal of Universal Science &amp; Technology</b>	<b>2454-7263</b>	<b>Dr. J S Dargad Principal</b>	<b>Universal Print Balaghat Mathematical Science Development Society, Latur</b>
<b>2</b>	<b>International Journal of Universal Mathematics and Mathematical Sciences</b>	<b>2454-7271</b>	<b>Dr S S Bellale HOD, Mathematics</b>	<b>Universal Print Balaghat Mathematical Science Development Society, Latur</b>

<b>Research Guide</b>	<b>Department</b>	<b>Students</b>	<b>Research Area</b>
<b>Dr. S.S. Bellale</b>	<b>Mathematics</b>	<b>08 Ph.D.</b>	<b>Differential and Integral equations.</b>
<b>Dr. L.V. Thakare</b>	<b>Physics</b>	<b>–</b>	<b>LASER's, Thin film &amp; Electronics</b>
<b>Dr. J.S. Dargad</b>	<b>Physics</b>	<b>4 Ph.D.</b>	<b>Thin film, Material Science,</b>
<b>Dr. C.S. Swami</b>	<b>Botany</b>	<b>–</b>	<b>Mycology &amp; Plant Pathology</b>
<b>Dr. R.V. Solunke</b>	<b>Zoology</b>	<b>–</b>	<b>Parasitological Helminthological)</b>
<b>Dr. B.S. Nagoba</b>	<b>Microbiology</b>	<b>02 Ph.D.</b>	<b>Applied Microbiology</b>
<b>Dr. S.R. Deshmukh</b>	<b>Microbiology</b>	<b>01 Ph.D.</b>	<b>Medical Microbiology</b>
<b>Dr. R.S. Awasti</b>	<b>Microbiology</b>	<b>02 Ph.D.</b>	<b>Applied Microbiology</b>
<b>Dr. N.A. Kedar</b>	<b>Chemistry</b>	<b>02 Ph.D.</b>	<b>Organic Chemistry</b>
<b>Dr. S. N. Ibatte</b>	<b>Chemistry</b>	<b>--</b>	<b>Organic Chemistry</b>
<b>Dr. N. S. Korde</b>	<b>Chemistry</b>	<b>--</b>	<b>Organic Chemistry</b>
<b>Dr. C. S. chougule</b>	<b>Chemistry</b>	<b>--</b>	<b>Organic Chemistry</b>
<b>Dr. B.M. Sandhikar</b>	<b>Microbiology</b>	<b>01 Ph.D.</b>	<b>Medical Microbiology</b>
<b>Dr. J, D. Khandelwal</b>	<b>Microbiology</b>	<b>02 MPhil</b>	<b>Applied Microbiology</b>
<b>Dr. V. M. Mote</b>	<b>Physics</b>	<b>--</b>	<b>Material Science</b>
<b>Dr. V. A. Choudhari</b>	<b>Physics</b>	<b>--</b>	<b>Material Science</b>

# Research Projects

## Minor Research Project

Sr. No.	Date	Faculty	Subject	Amount (Rs)
1.	06.05.2008	Dr. J.S. Dargad	Physics	73,000
2.	21.12.2009	Prof. M.B. Deshmukh	Microbiology	6,000
3.	03.09.2009	N.S. Korde	Chemistry	2,00,000
4.	10.05.2010	Prof. R.S. Shinde	Chemistry	1,35,000
5.	23.06.2010	Dr. C.S. Swami	Botany	75,000

## Major Research Project

**Total Funding**

**489000**

Sr. No	Sanction	Faculty	Subject	Amount (Rs)
1.	04.01.2011	Dr. J.S. Dargad (UGC)	Physics (Completed)	09,46,000
2.	15.07.2012	Dr. S.S. Bellale (UGC)	Maths (Completed)	04,65,000
3	2012	Dr. N.A. Kedar (UGC)	Chemistry (ongoing)	10,50,800
4	2015	Dr . M. B. Pandange (SERB)	Physics (ongoing)	19,80,000
5	2015	Dr. M. B. Pandange (DST Inspire)	Physics (Ongoing)	1,00,00000

**Total Publications 22**

**Total Funding**

**1,4441800**

**Total Funding (Major + Minor) 489000 + 4441800 =**

**1,49,30800**

# Research Projects (Submitted)

## Minor Research Project

Sr. No.	Funding Agency	Faculty	Subject	Amount (Rs)
1.	UGC	Dr. V A Choudhari	Physics	5,75000
2.	UGC	Prof. K N Rathod	Physics	5,00000
3.	UGC	Dr. V.D. Mote	Physics	5,00000
4.	UGC	Prof. R. K. Jadhav	Chemistry	5,00000
5.	UGC	Dr C S Swami	Botany	5,00000
6.	UGC	Dr N S Korde	Chemistry	5,00000
7.	UGC	Dr M M Pandit	English	2,00000

## Major Research Project

**Total 32,75000**

Sr. No.	Funding Agency	Faculty	Subject	Amount (Rs)
1.	DST	Dr. J.S. Dargad	Physics (Material Sci)	34,00000
2.	DST (SERB)	Dr. N . S. Korde	Chemistry	17,00000
3.	DST (SERB)	Dr. V. D. Mote	Physics	33,00000
4.	DST (SERB)	Dr. N.A. Kedar	Chemistry	44,00000
5.	DST (Inspire Faculty)	Dr. V.D. Mote	Physics	35,00000
6.	UGC(SERB)	Dr . R.V. Sounke	Zoology	19,45000
7.	UGC	Dr. S.S. Bellale	Math	24,00000

**Total**

**2,06,45000**

**DST-INSPIRE Science Camps**

<b>Camp</b>	<b>Duration</b>	<b>Students</b>	<b>Funds</b>
1	01- 04 Nov., 2010	150	9,75,000/-
2	01- 04 Jun., 2011	150	9,75,000/-
3	01- 04 Dec., 2011	150	9,75,000/-
4	10- 14 Mar., 2012	300	19,00,000/-
5	21- 25 Jun., 2012	300	19,00,000/-
6	19- 23 Nov., 2012	400	26,00,000/-
7	06- 11 Nov., 2013	300	19,00,000/-
8	17- 22 June, 2014	200	13,00,000/-
9	27- 31 Oct, 2014	200	13,00,000/-
10	24- 28 Feb, 2015	200	13,00,000/-
11	18-22 Sept, 2015	200	13,00,000/-
12	07- 02 Feb, 2016	200	13,00,000/-
13	26- 30 Sept, 2016	200	13,00,000/-
14	02- 06 Nov, 2016	250	16,25000/-
15	12- 16 Oct, 2017	200	13,00,000/-
16	22-26 Dec, 2018	200	13,00000/-
<b>Total</b>		<b>300</b>	<b>2.3200000/- (2.32 Cr)</b>

# DST - INSPIRE Science Camp

About **3450** aspiring students participated from XI Science having percentages in the range of 93.2 - 100 %.

## Mentors and Scientist from (More than 150 Scientists)

- ❖ IISc, Bangalore.
- ❖ TIFR, Mumbai
- ❖ NGRI, Hyderabad
- ❖ NCL, Pune.
- ❖ NPL, New Delhi.
- ❖ Vigyan Prasar, New Delhi.
- ❖ IISER, Pune
- ❖ Birla Institute of Technology, Kolkata.
- ❖ University of Pune.
- ❖ Homi Bhabha Council for Science Education, Mumbai
- ❖ Nehru Planetarium, Mumbai
- ❖ DST, New Delhi
- ❖ IIT , Mumbai
- ❖ Plasma Research Center, Ahmadabad
- ❖ NCRA, Pune
- ❖ IICT, Hyderabad
- ❖ Chennai University
- ❖ Pune University
- ❖ IIUCA, Pune
- ❖ ISRO, Banglore

- ❖ Inspire Scheme Chief
- ❖ Vice Chancellors
- ❖ Ex Group Leader  
Mangalyaan Abhiyan , ISRO
- ❖ Padamashree Awardees
- ❖ Bhatanagar Awardees
- ❖ Chief Scientist
- ❖ Indian Academy of  
Sciences Fellows
- ❖ National Academy of  
Sciences Fellows
- ❖ Senior Professors
- ❖ Directors of Scientific  
Institutes



## **Achievements**

<b>Year</b>	<b>SHE Sanctioned</b>
2012-13	4
2013-14	4
2014-15	7
2015-16	9
2016-17	8
2017-18	9
2018-19	8
<b>Total</b>	<b>49</b>

**DSCL Emerged as single college to organize maximum number of INSPIRE SCIENCE CAMPS in Maharashtra**

- ❖ **Career in Basic Sciences.**
- ❖ **Improvement of students knowledge in Basic Sciences.**
- ❖ **Many opportunities in other fields of Science.**
- ❖ **Thinking for development of nations science & technology.**
- ❖ **Representation for Maharashtra at National Level Coordinators Workshop**
- ❖ **44 students (“SHE” qualified) admitted for B.Sc. in the academic year 2012-18, in our college (Rs. 80000/year)**

**Name and Addresses of Mentors**

**Name and Addresses of Mentors**

**Name and Addresses of Mentors**

7) **Name** : **Dr. V. S. Katdare**  
**Qualification** : M.Sc. (Nuclear Physics)  
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10) **Name** : **Dr. A. K. Kamra**  
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4) **Name** : **Prof. H. J. Shivaprasad**  
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**Hon VC**

4) **Name** : **Prof. Zipare Kisan Vithalrao**  
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2) **Name** : **Dr. M. S. Dudhare**  
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5) **Name** : **Dr. Sharma Ashok Kumar**  
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3) **Name** : **Dr. B. B. Nath**  
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6) **Name** : **Dr. P. Senthil Kumar**  
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3) **Name** : **Prof. M. Periasamy**  
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**Fellow, IAS**

# Mentors of Inspire Science Camps

## Name and Addresses of Mentors

1) **Name** : **Dr.A. Mukhopadhyay**  
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**Inspire Chief**

## Name and Addresses of Mentors

1) **Name** : **M. S. Balakrishna**  
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## Name and Addresses of Mentors

10) **Name** : **B. L. Deekshatulu**  
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**Padamashree Awardee**

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# इन्स्पायर इंटरनॅशियल शिबिराचे उद्घाटन

लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले. याशिवाय, डॉ. आर.ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.



लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.



## शास्त्रज्ञांचे काम आधुनिक संतांचे

नाविन्यपूर्ण संशोधनासाठी 40 हजारची मदत... डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.

# दयानंद विज्ञान महाविद्यालयात 'इन्स्पायर' शिबिराचे आयोजन

लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.

आज, दि. २ (शनिवारी) येथील दयानंद महाविद्यालयात ६ ते १२ वर्षांच्या दरम्यान इन्स्पायर शिबिराचे आयोजन करण्यात आले आहे. या शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.

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# 'दयानंद विज्ञान'मध्ये इन्स्पायर शिबिर

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# वैज्ञानिकांच्या शोधासाठी 'इन्स्पायर' प्राचार्य दसगड : नवे शास्त्रज्ञ घडविणारा उपक्रम

लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.



देशभरात शास्त्रज्ञ येणार... डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.

# पूर्व क्षितिजावर पहाटेपासून दिसणार 'आयसॉन' धूमकेतू

खगोल अभ्यासक लातूरकरांना देणार धूमकेतूच्या गतीविषयी माहिती... डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.



आज, दि. ९ (शनिवारी) रोजी सकाळी ६ ते १२ वाजेपर्यंत 'आयसॉन' धूमकेतू पूर्व क्षितिजावर दिसणार आहे. या धूमकेतूचा अंदाजे १२ दिवसांचा प्रवास होणार आहे. या धूमकेतूचा अंदाजे १२ दिवसांचा प्रवास होणार आहे.

# नॅनो टेक्नॉलॉजीत परिणामांच्या सशोधनाची संधी : डॉ. रिटा जॉन केंद्र सरकारकडून एक हजार कोटींचा निधी

लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.



मध्यूरंखांडावर नॅनो तंत्रज्ञान! नॅनो टेक्नॉलॉजीचे जलदगतीने उदयास येणारे क्षेत्र आहे. या क्षेत्रात अनेक शोधे होत आहेत. या क्षेत्रात अनेक शोधे होत आहेत.

# मुलांमध्ये प्रयोगातूनच विज्ञानाची गोडी वाढेल

लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.



लगात, डॉ. ए. (आयएसआर) यांच्या नेतृत्वातील शिबिरात सहभागी विद्यार्थ्यांना प्रयोग करून घेण्यात आला. याशिवाय, प्रयोगांचे परिणामही दाखवण्यात आले.







भारतूर येथील संपन्न विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम. डा. अ. ए. ए. मिस्राने प्रत्येक विद्यार्थ्याला ५००० रुपये देण्यात आले.

### भूगर्भातील ऊर्जेसाठी संशोधनाची गरज-डॉ. कुलकर्णी

**भारतूर २५/९/२०१३**

भूगर्भातील ऊर्जेसाठी संशोधनाची गरज आहे. या संशोधनात देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे. या योजनेत देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे. या योजनेत देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे.

**इन्स्पायर शिष्यवृत्ती प्रदान**

भारतूर येथील संपन्न विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे. या योजनेत देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे.

### 'दयानंद'चे २४८ विद्यार्थी 'इन्स्पायर' योजनेसाठी पात्र

प्रत्येक विद्यार्थ्यास चार लाख मिळणे शक्य

भारतूर येथील संपन्न विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे. या योजनेत देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे.

### आपत्ती व्यवस्थापन कार्यशाळा व आगीचे चित्तथरारक प्रात्यक्षिके



आपत्ती व्यवस्थापन कार्यशाळा व आगीचे चित्तथरारक प्रात्यक्षिके. या कार्यशाळात विद्यार्थ्यांना आपत्ती व्यवस्थापन आणि आगीचे चित्तथरारक प्रात्यक्षिकेबद्दल माहिती देण्यात आली आहे.

### 'संशोधनाचे देशाची वैज्ञानिक प्रगती शक्य'

संशोधनाची गरज आहे. या संशोधनात देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे. या योजनेत देशातील विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे.



अकादमिक विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे.

### चुंबक म्हणजे विद्युत अतिसुवाहकाचा शत्रू

भारतूर येथील संपन्न विद्यार्थ्यांना प्रोत्साहन देण्यासाठी 'इन्स्पायर' योजनेचा कार्यक्रम आयोजित करण्यात आला आहे.

# सिद्धान्तांमध्ये दुरुस्त्या कराव्यात | दयानंद विज्ञान महाविद्यालयाच्या 'इन्स्पायर' शिबिरातील सूर

**प्रतिनिधी**  
लानूर : विद्यार्थ्यांनी, संशोधकांनी आपल्या प्रयोगातून विज्ञानातील सिद्धांतांमध्ये दुरुस्त्या केल्या पाहिजेत. अनेक वर्षांपासून चुंबकाचे आपण चुकीचे नियम आभ्यासत आहोत ते कसे दुरुस्त केले पाहिजे हे प्रयोगातून सिद्ध केले. असे विचार येथील दयानंद विज्ञान महाविद्यालयात आयोजित इन्स्पायर शिबिरातून तब्बल मान्यकरांनी मांडले.

या शिबिरामध्ये केमिस्ट म्हणजे रसायनशास्त्राचा अभ्यासक, प्रयोगातून सिद्धांताकडे, आंतराळातील यानामुळे मानवी जीवन संपन्न, ऑलिम्पियाड परीक्षेत आंतरराष्ट्रीय पातळीवरील भारतीय झेप, बिजगणिताचे विविध पैलू, पृथ्वीच्या चुंबकीय शक्तीने पुष्कळांची माहिती घेणे शक्य अशा विविध विषयावर प्रा. चक्रदेव, डॉ. अंतिषा, डॉ. कुण्याकार, डॉ. घोरपडे, डॉ. चंद्रशेखर, डॉ. बालाकृष्णन यांनी विद्यार्थ्यांना मार्गदर्शन केले. या प्रसंगी प्राचार्य डॉ. जयप्रकाश दरगड यांची उपस्थिती होती.

**सौर वादळाचा परिणाम अवकाशात**  
डॉ. चंद्रशेखर यांनी पृथ्वीची निर्मिती, पृथ्वीच्या चुंबकीय बलामुळे कर्तुची

निर्मिती कशा होते. सूर्याच्या अती तपामामुळे होणाऱ्या अति संवेदनशील क्रिणांचा व पृथ्वीच्या चुंबकीय शक्तीच्या एकमेकाशी होणाऱ्या घर्षणामुळे कशा प्रकारे सौर वादळ निर्माण होते याचा उलगडा विद्यार्थ्यांसमोर केला.

**रासायनिक समीकरणे जाणा**  
डॉ. एम.एस. बालाकृष्णन यांनी रसायनशास्त्र काय आहे, त्याचे कंपोझिशन व स्ट्रक्चर कसे आहे यावर भर देत रासायनिक समीकरणे कसे पडतात याचा क्लृप्त्या सांगितल्या.

**चुंबकाचे नियम दुरुस्त द्यावेत**  
प्रा. चक्रदेव यांनी विकसीत केलेले टिरो स्क्रोपी उपकरण दाखवले. ज्याचा वापर करून आपण ६०० विद्यार्थ्यांना लूज आणि लाईट समजून सांगता येते. आपल्या प्रयोगातून विज्ञानातील सिद्धांतांमध्ये दुरुस्त्या केल्या पाहिजेत, असे सांगितले.

**उपग्रहाने जीवन संपन्न**  
डॉ. एच. एम. अंतिषा यांनी मार्गदर्शन करताना आयटीएफआर ने यामध्ये

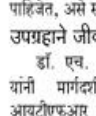
उल्लेखनीय संशोधन करत प्रथमतः ३ क्रिणाद्वारे अंतराळाचा अभ्यास करता येतो. हे जगाला सांगितले. अंतराळातील या उपग्रहामुळे मानवी जीवन कसे भौतिक सुखांनी संपन्न झाले हे सांगताना दूरध्वनी, दूरदर्शन, इंटरनेट, औषधी व शिक्षण क्षेत्रातील योगदान या बाबी समजावून सांगितले.

**ऑलिम्पियाडसाठी प्रेरित करावे**  
डॉ. प्रितीश कुण्याकारो ऑलिम्पियाड संबंधी मार्गदर्शन केले. सिनीअर व जुनियर ऑलिम्पियाड परीक्षा भारत सरकारच्या वतीने घेतल्या जातात. या परीक्षेत उत्तीर्ण शिक्षकांना ऑलिम्पियाड बद्दल विद्यार्थ्यांत आवड निर्माण करण्यासाठी प्रेरित केले जाते.

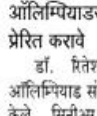
**गणित सोपे करून शिकवा**  
डॉ. सुधिर घोरपडे यांनी बिजगणिताचे विविध पैलूच्या संदर्भाने मार्गदर्शन केले. गणितासारखा अवघड विषय सोप्या पद्धतीने कसा शिकवला जातो हे विविध गणितीय उदाहरणाद्वारे स्पष्ट केले. या प्रसंगी कार्यक्रमास विद्यार्थी, प्राध्यापक मोठ्या संख्येने उपस्थित होते.



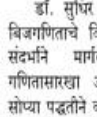
चक्रदेव यांनी विकसीत केलेले टिरो स्क्रोपी उपकरण दाखवले.



डॉ. एच. एम. अंतिषा यांनी मार्गदर्शन करताना आयटीएफआर ने यामध्ये



डॉ. प्रितीश कुण्याकारो ऑलिम्पियाड संबंधी मार्गदर्शन केले.



डॉ. सुधिर घोरपडे यांनी बिजगणिताचे विविध पैलूच्या संदर्भाने मार्गदर्शन केले.

# शास्त्रज्ञांसाठी येणारा काळ सुवर्ण युग

दयानंद विज्ञान महाविद्यालयाच्या इन्स्पायर शिबिरात डॉ. खरे यांचे मार्गदर्शन

**प्रतिनिधी**  
लानूर : भारताने सुरू करण्यात आलेल्या खगोल शास्त्रातील महाप्रकल्पाची माहिती देत डॉ. पुष्पा खरे यांनी येणारा काळ हा भारतीय खगोल शास्त्रज्ञांसाठी सुवर्ण युग ठरणार असून विद्यार्थ्यांना अंतरराष्ट्रीय स्तरावर काम करण्यासाठी मोठी संधी मिळणार असल्याचे विद्यार्थ्यांना अप्रवासात केले.

दयानंद विज्ञान महाविद्यालयाच्या इन्स्पायर शिबिरामध्ये सभोवत्राचाई फुले विद्यापीठातील भौतिकशास्त्र विषयाचे प्राध्यापक व इंडियन अकेडमी ऑफ सायन्सेसचे फेलो डॉ. अविनाश खरे व आयुक्ता येथील डॉ. पुष्पा खरे यांनी खगोल शास्त्रज्ञांनी ब्रह्मांडविषयी विद्यार्थ्यांना मार्गदर्शन केले. या प्रसंगी प्राचार्य डॉ. जयप्रकाश दरगड यांची उपस्थिती होती.

डॉ. पुष्पा खरे म्हणाल्या की, जे काही अस्तित्वात आहे. ते सगळे मिळून ब्रह्मांड बनते. यात अंतरिक्ष व सूर्य प्रकाशचे matter व energy समाविष्ट असल्याची माहिती आपल्याला



प्रा. डॉ. पुष्पा खरे प्रा. डॉ. अविनाश खरे

radiation द्वारे मिळू शकते. ब्रह्मांडाच्या उगतात पासून शेवटपर्यंतचा प्रवास डॉ. खरे यांनी उलगडून दाखविताना विभिन्न वस्तुमान असलेले तारे आपला जीवनक्रम कसा व्यक्तीत करतात व त्यांचा शेवट अर्थक होतमध्ये कशा प्रकारे होतो या विषयी विद्यार्थ्यांना मार्गदर्शन केले. डॉ. खरे यांनी १९९९ मध्ये सर एड्विन हबलच्या प्रसरणशील ब्रह्मांडाच्या शोधापासून सुरुवात करून बिग बैंग थेरी बद्दल माहिती देण्यात आली. तसेच डार्क मॅटर

व डार्क एनर्जी चा शोध कसा लागला व त्यांच्या अस्तित्वातुळे ब्रह्मांडाच्या भविष्यात काय होणार या बद्दल विद्यार्थ्यांना मार्गदर्शन केले.

प्रा. डॉ. अविनाश खरे म्हणाले की, विश्वाच्या उत्पत्तीपासून मागूस तीन गोष्टींचा विचार करत आला, त्या म्हणजे जीवन कसं सुरू झालं, ब्रह्मांडाची उत्पत्ती कशी झाली, जगातील मूलभूत कण कोणते, गेल्या ४० वर्षांत लक्षात आले आहे की, दूरच्या व तीसऱ्या प्रगतीची उत्तरे एकमेकांवर आवलवून आहेत. ज्यामुळे एक नवा विषय तयार झाला आहे. त्याचं नाव (astroparticle physics) अँस्ट्रोपार्टिकल फिजिक्स असल्याचे सांगून डॉ. खरे म्हणाले की, १९७० पर्यंत अशी समजूत होती की, जगातील मूलभूत कण प्रोटॉन व न्यूट्रॉन आहेत. जे न्यूक्लीयस मध्ये बसलेल्या करतात व इलेक्ट्रॉन त्यांच्याभोवती फिरतात. पण १९७० मध्ये कॅलीफोर्नियात स्टॅणफोर्ड प्रयोगशाळेत रुद्राघोईसाराचा प्रयोग केला गेला व सिद्ध केले की प्रोटॉन व न्यूट्रॉन हे आपघात छोटासा कणांनी बनले आहेत. ज्यांना क्वार्क म्हणतात.

## कुलगुरु डॉ. पंडित विद्यासागर



लानूर, दि. २७ : .....

देशाला महासत्ता बनविण्यासाठी संशोधनाची आवश्यकता असल्याचे मत स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलगुरु डॉ. पंडित विद्यासागर यांनी व्यक्त केले.

दयानंद विज्ञान महाविद्यालयाच्या वतीने सांस्कृतिक सभागृहात पाच दिवशीय इन्स्पायर शिबीर आयोजित करण्यात आले होते. या शिबीराच्या उद्घाटन प्रसंगी कुलगुरु डॉ. पंडित विद्यासागर बोलत होते. कार्यक्रमाच्या अध्यक्षस्थानी दयानंद शिक्षण संस्थेचे अध्यक्ष लक्ष्मीरमण लाहोटी होते. यावेळी प्रमुख अतिथी म्हणून दयानंद शिक्षण संस्थेचे सचिव रमेश बियाणी, संयुक्त सचिव सुरेश जैन, प्राचार्य जयप्रकाश दरगड, समन्वयक माजी प्राचार्य रामकृष्ण लड्डा, उपप्राचार्य

नानासाहेब बिराजदार, डॉ. अजय महाजन यांची उपस्थिती होती.

**इन्स्पायर देशाच्या दृष्टीने महत्वाचे**  
डॉ. पंडित विद्यासागर म्हणाले की, इन्स्पायर शिबीर हे केवळ महाविद्यालयाच्या दृष्टीने नव्हे तर देशाच्या दृष्टीने महत्वाचे आहे. हे विद्यार्थ्यांनी सम जून घ्यावे. इन्स्पायरचा अर्थ प्रेरित करणे, उत्तेजीत करणे असा आहे. समाजात अनेक प्रकारची गुणवत्ता असेते ती जोपासल्याने तयार होते. **बुद्धिमत्ता व कष्ट करण्याची जिद्द असावी**  
गुणवत्ता ही विकत घेता येत नाही. बौद्धिकदृष्ट्या प्रगल्भ असलेलाच पुढे जाऊ शकतो. पण केवळ बुद्धिमत्ता असून चालत नाही तर त्यासाठी उर्जाही महत्वाची आहे. कष्ट करण्याची जिद्द असावी. सर्वांगीण विकासासाठी संशोधनाला महत्त्व असून त्याचा समाजाला काय उपयोग

होतो हे पहावे. भारताला महासत्ता बनविण्यासाठी संशोधनाची आवश्यकता आहे. त्यासाठी आर्थिक सुबकताही पाहिजे. स्वातंत्र्यी बनण्यासाठी संशोधनाची आवश्यकता आहे. विद्यार्थ्यांनी मनात कुठलाही न्युनगड बाळगू नये.

**विरोध झुगारून संशोधन केल्यास संशोधक बनेल**  
मनात इच्छाशक्ती निर्माण झाली व स्वतंत्रपणे विचार करण्याची क्षमता असेल तरच विद्यार्थ्यांना संशोधन करता येईल. मनात विश्वास निर्माण होऊन लोकांच्या विरोधाला झुगारून जोपर्यंत संशोधन होत नाही तोपर्यंत संशोधक विद्यार्थी बनू शकणार नाही. संशोधक बनल्यास प्रसिद्धी मिळेल, यश मिळेल. **क्षमतेचा उपयोग समाज, देशासाठी करावा**

विद्यार्थ्यांनी आपल्या क्षमतेचा उपयोग समाज, देश व जगासाठी करावा. या शिबीरातून विद्यार्थ्यांना जीवनाची दिशा मिळेल असेही कुलगुरु डॉ. पंडित विद्यासागर म्हणाले. **विद्यार्थ्यांनी जिज्ञासा बाळगून संशोधक बनावे : लक्ष्मीरमण लाहोटी**  
अध्यक्षीय भाषणात लक्ष्मीरमण लाहोटी म्हणाले की, विद्यार्थ्यांनी जिज्ञासा बाळगून उद्याचे संशोधक बनावे. युवकांच्या हातातच महासत्ता बनविण्याची ताकत आहे असेही लाहोटी म्हणाले. यावेळी सरस्वतीपुजन व दिपप्रज्वलन करून कार्यक्रमाचे उद्घाटन करण्यात आले. कार्यक्रमाचे सुत्रसंचलन डॉ. अजय महाजन यांनी केले तर आभार उपप्राचार्य नानासाहेब बिराजदार यांनी मानले. याप्रसंगी प्राध्यापक, विद्यार्थी, विद्यार्थ्यांनी मोठ्या संख्येने उपस्थित होते.



**संक्षिप्त**

**मुक्तिसंग्रामदिनी ध्वजारोहण**

लातूर : माठवाडा मुक्तिसंग्राम दिनानिमित्त महाराष्ट्रा प्रताप प्राथमिक विद्यामंदिर मुख्याध्यापकांच्या हस्ते ध्वजारोहण करण्यात आले. कार्यक्रमाच्या अध्यक्षस्थानी दीपाली राजपूत होत्या. कार्यक्रमास प्रमुख पाहुणे म्हणून सोपानसिंग राजपूत होते. या वेळी राजपूत यांनी शेदबाद मुक्तिसंग्राम या विषयावर आपले मनोगत व्यक्त केले.

**केशवराज विद्यालयात ध्वजारोहण**

लातूर : श्री केशवराज विद्यालयात माठवाडा मुक्तिसंग्राम दिनानिमित्त प्रमुख पाहुणे तुकाराम गोंरे यांच्या हस्ते ध्वजारोहण झाले. या वेळी राजारामपंत विलोलीकर, किशवनाभराव जाधव, प्रफुल्ल कुलकर्णी, मुख्याध्यापक उमेशराव सेलूकर, किशोर कुलकर्णी, किरणराव भावठाकर, उपमुख्याध्यापिका सुनंदा धर्मगारे, प्रदीप कुलकर्णी, सुनील वसमतकर, दिलीप चव्हाण यांची प्रमुख उपस्थिती होती. या वेळी प्रमुख पाहुणे म्हणून मार्गदर्शन करताना गोंरे म्हणाले की, म राठवाडा मुक्तिसंग्रामाचा इतिहास विद्यार्थी शिक्षकांनी आपल्यासोबत आवक करणे आवश्यक आहे. पराक्रमाचा व विद्वेष्टाचा इतिहास आहे. देशाला स्वातंत्र्य मिळाल्यानंतर ही

# प्रज्ञावंतांनी बेसिक सायन्समध्ये संशोधन करावे

लातूर (प्रतिनिधी) : जागतिक स्तरावर इतर देशांच्या तुलनेने मुलभूत संशोधनात आपला भारत देश खूप मागे आहे. विज्ञान व तंत्रज्ञान क्षेत्रांत प्रगती झाल्यासच भारत महासत्ता बनू शकते. यासाठी प्रज्ञावंत विद्यार्थ्यांनी व्यावसायिक अभ्यासक्रमाकडे न वळता आपल्या आवडीनुसार बेसिक सायन्समधील एखादे क्षेत्र निवडून सर्वनशील वृत्ती जागृत ठेवून नवनिर्मितीचा ध्यास घेऊन मुलभूत संशोधन केल्यास जगाच्या नकाशावर भारत महासत्ता म्हणून उदयास येईल, असे प्रतिपादन सोलापूर विद्यार्थीठाचे कुलगुरू डॉ. एन. एन. मालदार यांनी केले.

भारत सरकारच्या विज्ञान व तंत्रज्ञान खात्याच्या सहकार्याने येथील दयानंद विज्ञान महाविद्यालयात आयोजित केलेल्या ११ व्या इन्स्पायर इंटर्नशीप कॅम्पच्या उद्घाटन प्रसंगी कुलगुरू डॉ. मालदार बोलत होते. या प्रसंगी दयानंद शिक्षणसंस्थेचे

उपाध्यक्ष अविदाव सोनवणे, सचिव रमेश बियाणी, महाविद्यालयाचे प्राचार्य डॉ. जयप्रकाश दरगड, समन्वयक माजी प्राचार्य आर. एच. लड्डा, माजी प्राचार्य डॉ. जीवन तुळजा, राजर्षि शाहू महाविद्यालयाचे प्राचार्य डॉ. एस. डी. साळुंके, सहसमन्वयक डॉ. ललित ठाकरे आदी मान्यवर उपस्थित होते.

डॉ. मालदार पुढे म्हणाले की, आजच्या विज्ञान युगात बौद्धिक संपदा हीच मोठी शक्ती आहे. विज्ञान विद्या शाखेच्या विद्यार्थ्यांनी डॅक्टोर, इंजिनियर होऊन कितीही संपत्ती मिळविली तरी कीर्ती मिळू शकत नाही. व्यावसायिक शिक्षणाऐवजी संशोधन क्षेत्रात दैदीप्यमान कार्य केल्यास देशाच्या, जगाच्या इतिहासात तुमचे नाव सुवर्ण अक्षरानी लिहिले जाईल, तुम्ही अजमापर व्हाल. त्यासाठी नावीन्याचा ध्यास घेऊन आवृथ्त झोकून देऊन अविक्त अपार कष्ट करा, मॅट, मन

आणि मगट या त्रिशक्तींचा एकत्रित वापर करा. देशोपयोगी, लोकोपयोगी संशोधन करून देशासमोरील प्रश्न सोडवा. भारताला महासत्ता-महाशक्ती बनविण्याची जबाबदारी तुम्हा प्रज्ञावंत संशोधकांच्या खांद्यावर आहे, असे आवाहन केले. प्रारंभी समन्वयक प्राचार्य लड्डा यांनी प्रस्ताविक केले तर प्राचार्य दरगड यांनी आपल्या मनोगतात इन्स्पायर कॅम्पच्या आयोजना पाठीमागील उद्देश स्पष्ट केले तसेच अध्यक्ष सोनवणे यांचे समर्थित भाषण झाले. सूत्रसंचलन प्रा. सी. मेधा पंडित यांनी केले तर डॉ. ललित ठाकरे यांनी आधार मानले. या कॅम्पमध्ये महात्मा बसवेंधर महाविद्यालय, राजर्षि शाहू महाविद्यालय, अंताजोगाईच्या योगेश्वरी महाविद्यालयाचे एकूण २०० विद्यार्थी सहभागी झाले आहेत. कॅम्पच्या यशस्वीतेसाठी प्रा. ए. एम. सांजेकर, प्रा. गोपाळ अवस्थी, प्रा. कैले आदी प्रयत्नशील आहेत.



# इन्स्पायर शिबिरातून संशोधनवृत्ती वाढीस



११ व्या इन्स्पायर शिबिराच्या समारोहप्रसंगी बोलताना संस्थेचे सचिव रमेश बियाणी. बाजूस डॉ. गणपतराव मोरे, सुरेश जैन, प्राचार्य डॉ. जयप्रकाश दरगड, आर. एच. लड्डा, डॉ. ललित ठाकरे.

लातूर : केंद्र शासनाच्या विज्ञान व तंत्रज्ञान विभागाच्या वतीने उच्च माध्यमिक स्तरावरील विज्ञान विद्याशा-खेतील विद्यार्थ्यांमध्ये संशोधन करण्याची प्रेरणा निर्माण होवून ती वाढीस लागू वी म्हणून इन्स्पायर शिबिराचे आयोजन करण्यात येत

संस्थेचे सचिव रमेश बियाणी यांनी केले.

केंद्र शासनाच्या आर्थिक सहकार्यातून दयानंद विज्ञान महाविद्यालयांमध्ये ११ व्या इन्स्पायर शिबिराच्या समारोहप्रसंगी संस्थेचे सचिव बियाणी बोलत होते. या प्रसंगी

शिक्षण अधिकारी डॉ. गणपतराव मोरे, प्राचार्य डॉ. जयप्रकाश दरगड यांची प्रमुख उपस्थिती होती. भार-तात मुलभूत विज्ञान क्षेत्रात मुलगाणी व भरीव संशोधन कार्य होत नाही. हे संशोधन कार्य वाढीस लागू वी म्हणून विविध महाविद्यालयात इन्स्पायर

या शिबिराचा लाभ विद्यार्थ्यांना होत असल्याचे सांगून बियाणी म्हणाले की, पूर्वी विज्ञान शाखेत भौतिक व अवकाश क्षेत्रातील वैज्ञिक स्तरावरील संशोधन केले जात होते. पण आजच्या २१ व्या शतकात वैज्ञिक संशोधनात तंत्रज्ञान क्षेत्रातील सुक्ष्मातिसूक्ष्म संशोधनही बहुमोलाचे ठरत आहे. हे मोबाईलसारख्या साधनावरून लक्षात येते. त्यामुळे विद्यार्थ्यांनी संशोधनाकडे करीअर म्हणून पाहावे असे ते म्हणाले.

या प्रसंगी डॉ. गणपतराव मोरे यांनीही विद्यार्थ्यांना मार्गदर्शन केले. कार्यक्रमाचे प्रस्ताविक प्राचार्य डॉ. जयप्रकाश दरगड यांनी केले. प्रा. मेधा पंडित यांनी सूत्रसंचलन, तर आर. एच. लड्डा यांनी आधार मानले. यावेळी कार्यक्रमास प्रा. अमोल सांजेकर, डॉ. ललित ठाकरे, प्रा. गोपाळ अवस्थी,



**Hon VC, Prof Pandit Vidyasagar**



**INSPIRE SHE qualified Students 2016-17**



**Hands on Experiences**



**Prof Pushpa Khare, IUCCA**



**Poster presentation**

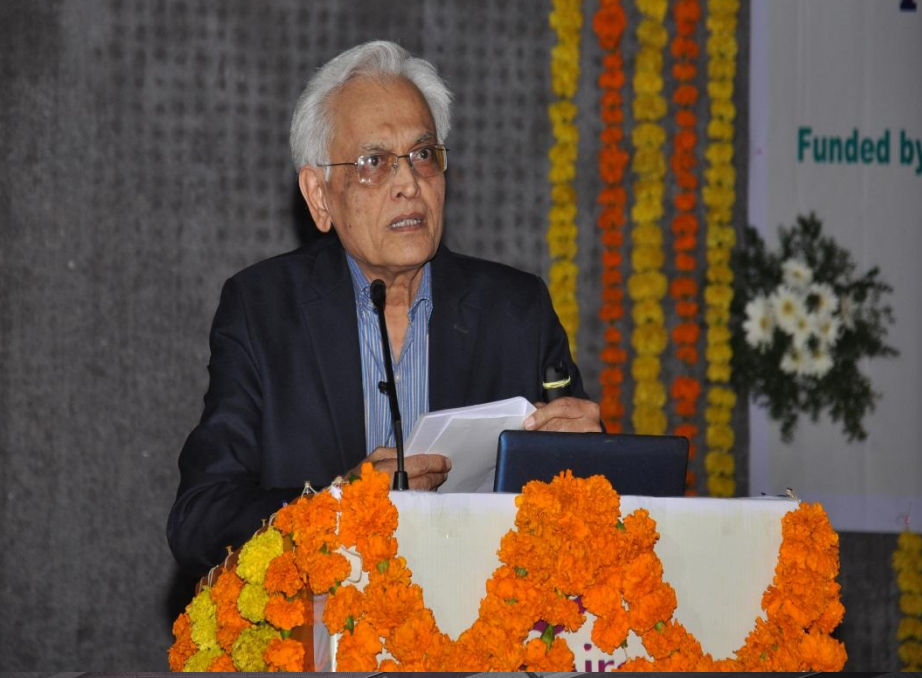


**Hands on Experiences**



**Prof Dr Suresh Naik Ex-Group Leader of Mangalyan, ISRO**

**Pro-VC of SRTMU, Nanded**





**Dr. M K Dongare, NCL**



**Dr. Marva, Chanigadh**





# INSPIRE Science Camps





## **Scheme Launched 1978**

\*College hosting this Program from its inception.

## **Objectives**

\*To provide a Science forum to children of **VII- IX Class to explore their creativity and innovations.**

\*To impart the Science Principles through learning while doing practicals

\*To create innovation Scientific temperaments

## **Organization of Camps**

\*The activities implemented on behalf of Maharashtra State Science Education Society, Nagpur through a district Educational Officer of Zilla Parishad.

\*Total Camps Organized **35**

## **Students**

\***Urban (40) Rural (30), Total 70**

\***Selection by Screening from 350 Students**

## **Budget from State**

\*Initial Rs.8,320, now it is Rs.34,200 per year sanctioned by State Govt.

## **Activity**

\*Practicals on Basic Sciences.

\*Science Quiz and Group Discussion.

\*Eminent lectures by mentors

\*Hands on activities from various disciplines.

\*Industrial tour.

\* Residential facility to 30 rural students.

## **Achievement**

\*To face for National Talent Search Examination, MTS, NTS, & Science , Math's Olympiads.

\*To develop Interest in basic Science.

\*Scientific attitude among students to explore and think for research work.

\*Many students qualified NTSE, MTSE.

**2450** Students benefited



# Vigyan Munch For School Children



# Linkages, Consultancy, MOU

Name of Dept.	Linkages
College	DST, INSA, TIFR, IUCCA, NCL, NCCS, IISER, MMA, IIT (NPTEL), NGRI
Chemistry	<ol style="list-style-type: none"> <li>1. Maharashtra Pollution Control Board, Mumbai</li> <li>2. Manjra Sugar Factory Latur.</li> <li>3. Tinna Oil Ltd. Latur.</li> <li>4. MOJJ, Pune.</li> </ol>
Mathematics	<ol style="list-style-type: none"> <li>1. Department of Mathematics Florida Institute of technology, U.S.A</li> <li>2. Department of Mathematics Aligrah Muslim University, Aligrah.</li> <li>3. Department of Mathematics Karnatak , University, Dharwad.</li> <li>4. School of Mathematics, SRTMU Nanded.</li> <li>5. Department of Mathematics, Ionia University, Greece.</li> <li>6. Mathematics Research centre, Ahmedpur, Latur.</li> <li>7. Mathematics Research centre, pt. Ravishankar university, Chattishgadh.</li> <li>8. The department of Mathematics has linkages with the research centers SRTMUN, Banaras Hindu University, IIT Mumbai, IIT Kanpur, BITS Pillani, Florida institute of Technology.</li> </ol>
Microbiology. /	<ol style="list-style-type: none"> <li>1. Maharashtra Biofertilizers, Latur.</li> <li>2. MIMSR Medical College, Latur.</li> <li>3. Tinna Oil Ltd, Latur,</li> <li>4. Maharashtra Udaygiri Mahavidyalaya, Udgir.</li> <li>5. Shivaji College, Renapur, ience</li> <li>6. Govt. Medical College, Latur</li> </ol>
Physics	<ol style="list-style-type: none"> <li>1. R.S. College Latur., IAPT – RC 08, Latur Science Center.</li> <li>2. Dr. B.A.M. University, Aurangabad.</li> <li>3. Solapur University, Solapur.</li> </ol>

## Partner Industry/Placement Companies/MOU's

**Soft Skills, Personality Development, , Placement Services, Curriculum design, on the job training, Industry Expert & valuable suggestions for setting up an alternate mechanism with involvement of Industry representative with collaboration of each other under the guidelines of National Skills Qualification Framework (NSQF), University Grants Commission & Ministry of HRD, Government of India National Vocational Education Qualification Framework (NVEQF) to develop National Occupational Standards.**

<b>No</b>	<b>Existing Industry/Association/SSC</b>	<b>No</b>	<b>Existing Industry/Association/SSC</b>
1	TMC, Mumbai	10	Brainmine Web Solutions Pvt Ltd, Pune
2	Pehalajob.com, Mumbai	11	RABS NET SOLUTIONS, Mumbai
3	ASPIRE Knowledge & Skill, NSDC, Pune	12	Ascent Consulting Technology, Mumbai
4	Telecom Sector skill Council, Gudeon	13	Sankalp Comp System Pvt Ltd, Mumbai
5	TERBIUM SOLUTIONS PVT LTD, Mumbai	14	RABS NET SOLUTIONS, Mumbai
6	E-VISION TECHNOLOGY PVT LTD, Mumbai	16	Value Through IT Solutions Pvt Ltd. Hyderabad
7	POOJARA TELECOM PVT Ltd, Rajkot		
8	HARI IMPEX , Mumbai	17	
9	Trezeec E Solutions Pvt Ltd, Mumbai.	18	

## **Faculty Achievements (2016-2018)**

<b>No of times faculty attended and presented papers in conf/seminars</b>	<b>24</b>
<b>Best paper presentation awardees</b>	<b>04</b>
<b>No. of Refresher /Orientation Course Training program Completed</b>	<b>27</b>
<b>FIP awardees</b>	<b>1</b>
<b>International Conference abroad paper presentation</b>	<b>8</b>
<b>Chairperson in Abroad Conference</b>	<b>2</b>
<b>Research Guide</b>	<b>7</b>
<b>Minor Research Project (Completed)</b>	<b>4</b>
<b>Major Research project (Comleted)</b>	<b>3</b>
<b>Ph.D. Awardees</b>	<b>06</b>
<b>Ph.D. Registered</b>	<b>06</b>
<b>No. of Research Paper Publications (103) , Books (06)</b>	<b>(103), (06)</b>
<b>Special awardees</b>	<b>4</b>
<b>Reviewer of Elsevier Journal and other Int. conference proceedings</b>	<b>12</b>
<b>VC Nominee, Subject expert, Resource Persons, Coach, Team Manager, Judge, Evaluator at District , University, state level events (Orientation, Sports, Science Exhibition)</b>	<b>22</b>

## Academic Report May 2016 – Feb 2017

**UGC - CPE Status :-** Dayanand Science College has been awarded the CPE status by UGC under the scheme " **College with Potential for Excellence**". Under this scheme college can receive a grant up to **5 Cr.** in 3 phases of its Implementation. Sanctioned **1.5 Cr.** for Ist phase.

**Best Principal Award :-** Dr. Jaiprakash Shivprasad Dargad, Principal, Dayanand Science College has been awarded as a **Best Principal** under Aurban by Swami Ramanand Teerth Marathwada University, Nanded.

**Shikshak Ratan Award :-** Dr. Jaiprakash Shivprasad Dargad, Principal, has been awarded as **Shikshak Ratan Award** by Mahatma Jotiba Fule Shikshak Parishad, Maharashtra. ( 9 Oct., 2016).

**Vilasrao Deshmukh Dyan Ratan Award :-** Dayanand Science College (Sr.) has been awarded as "**Vilasrao Deshmukh Dyan Ratan Award**" (Aug., 2016) by Maharashtra Pradesh Shikshak Congress with the auspicious hands of Ex. Chief Minister of Maharashtra Shri. Shivajirao Patil Nilangekar.

**Career 360 :-** Dayanand Science College **ranked 69th Position all over India** by the survey of Career 360. For this Career 360 carried out servey of above 11000 colleges all over the India.

**Inter University West Zone Badminton Champion Tournament:-** College organized West Zone inter University Badminton tournament during 24 - 28 Oct, 2016. 314 badminton players from the state of Rajasthan, Gujrat, madhya Pradesh, Goa & Maharashtra. Participated from various 64 Universities in this event. MLA Amitji Deshmukh, Hon. V. C. Pandit Vidya Sagar, Badminton player Mr. Pradip Gandhe were the dignified persons at the time of Inauguration of this tournament.

**Inspire Science Camp :-** College organized 3 Inspire Science Camps during 2 - 6 June, 26 - 30 Sept. and 2 - 6 Nov. 2016 for 200, 200 & 250 Xlth Science students form Rajashri Shahu Mahavidyalaya & Dayanand Science College, Latur respectively.

**Refresher Course :-** College organized a National Level Refresher Course in the subject of Physics in Collaboration with Indian Academy of Sciences, Banglore during 15 April - 30 April, 2016.

**DBT Star College Proposal :-** College has submitted a proposal to Department of Biotechnology under the scheme of Star College, for getting star college status and a financial funding of **Rs. 2 Cr.**

**International Conference in Mathematics:-** Dept. of Mathematics is organizing an International Conference in Mathematics during 6-8 March, 2017.

**Lecturer Workshop for B.Sc. Students :-** College is organizing 3 days lectures workshop in the subject of Physics, Chemistry and Mathematics for 150 B.Sc. students during 24-26 Dec., 2016 in collaboration with Indian Academy of Sciences Banglor. 6 fellows and Eminent Professor from Hyderabad University IIT, Mumabi. University of Mumbai are coming as speaker for this workshop.



## Academic Report May 2016 – April 2017

**Niti Aayog - Attal Incubation Centre :-** College has prepared a proposal in collaboration with Dayanand Education Societies other colleges to establish Attal Incubation Centre of Niti Aayog in the premises of the institute. The proposal is short listed by Niti Aayog and may be called for interface meeting. The maximum fund recivable will be **Rs.10 Cr**

**Donation to "Jalyuqt Latur":** -Dayanand Science College donated **Rs. 2.54 Lakh** to "Jalyuqt Latur" as a one day salary from all the teaching & non teaching staff.

**Students Activities :-**Formation & Inauguration of Science Association, Cultured Association, Yuwati Kalyan Mandal during Aug-Sept, 2016.

### **New Initiative (2016-17) -**

1. Two Post Graduate courses in the subject of Mathematics and Physics started on non grant basis.  
M.Sc. Physics - 30 Seats  
M.Sc. Mathematics - 80 Seats
2. Physics Research Laboratory is recognized as a research center in Physics in the dept. of Physics by S.R.T.M.U.Nanded.
3. "Business Mathematics" an optional subject is introduced for B.Sc.
4. Under graduate B.Sc. division on Non grant basis.

### **Research Guide -**

1. Dr. Mahesh Bembade has been recognized as research guide in Physical Education by S.R.T.M.U. Nanded
2. Dr.V.A. Choudhari has been recognized as research guide in Physics by S.R.T.M.U. Nanded

### **Research Project Pooposal -**

1. Dr. V.D. Motes Project of **Rs. 75 lakhs** has been shortlisted by DST, New Dehli under Nano Science Mision.
2. Dr. R.V. Solunkes project of **Rs. 20 lakhs** has been interviewed by SERB, DST, New Dehli.
3. Dr. M. B. Pandange sanctioned a research project in Astrophysics by SERB of **Rs. 26.00 lakhs**.

## Academic Report May 2016 – Feb 2017

### Department of Physics -

#### Dr. V.A.Chaudhari

- 1. Resource Person - Two days State Level Seminar on “Mathematical Tools for the Development of Physical Science” which is held on 14th & 15th October, 2016, Organized by Department of Physics & Mathematics, Arts, Commerce and Science College, Nandgaon (Savitribai Phule Pune University, Pune)
- 2. Oral presentation - International Conference on Functional Oxides & Nanomaterials, during November 11-13, 2016 Organized By Department of Physics and Department of Nano science & Advanced Materials Saurashtra University, Rajkot 360005, Gujarat, INDIA

#### Dr. V.D.Mote :- Paper published in International Journal

- 1. X-ray Analysis of a - Al<sub>2</sub>O<sub>3</sub> particles by Williamson Hall Methods. Materials Focus 5, 545-549 (2016).
- 2. Effect of surfactants on crystallographic and optical properties of ZnO nanoparticles. Asian Journal of chemistry 28, 2778-2780 (2016). Research proposal submitted to Nano mission, DST, New Delhi “Development and characterization of Cr and Co-doped ZnO Nanomaterials for Spintronics and gas sensing Applications.” 71.00 Lakhs Major

#### Reviewer

- 1. Journal of Magnetism
- 2. Journal of advances in Biology & Biotechnology
- 3. Chemistry International

#### Invited as a Speaker Abroad :

- 1. 6th World Annual Congress of Nano Science and Technology – 2016 at Singapore ( Young Scientist).
- 2. International Conference and Exhibition on Mesoscopic & Condensed Matter Physics – 2016 at Chicago, USA.
- 3. 3rd Annual World Congress of Smart Materials – 2017 (March 16-18, 2017) Bangkok, Thailand.
- 4. International Conference on Nanotechnology – 2017 March 11th – 13th at Homburg, Germany.
- 5. EMN Optoelectronics Meeting-2017, April 17 to 21, 2017 at Victoria, Canada.

#### Orientation Refresher Course Completed

- 1. 111th Orientation Course set UGC-HRDC Chandigarh during 26th May, 2016 to 22 June, 2016.
- 2. Refresher Course in Environmental Studies (IN) during 26th Nov-16 Dec at UGC. HRDC, Amritsar.

## Academic Report May 2016 – Feb 2017

### Department of Chemistry & I.C. -

- Following are the achievements of Department of Chemistry & I.C. from June to December 2016.
- 1. Prof. R.S.Shinde submitted his **Ph.D thesis** to S.R.T.M.U. Nanded.
- 2. Prof. S.S. Mahurkar presented a research Paper entitled " Solvent free Synthesis of Benzi Midazole and Benzothiazole derivatives by using Bronsted acidic ionic Liquid". At D.S.M College Parbhani.

### Department of Mathematics :-

- 1. Department of Mathematics organized "Course Work For Ph. D Students" sponsored by S.R.T.M.U.N. on 25 May -10 June 2016.
- 2. Department of Mathematics organized "Regional workshop on Research Methodology " sponsored by S.R.T.M.U.N. on 10 June -15 June 2016
- 3. Ph.D. Student Admitted:09 Total Students: 16
- 4. Mrs. Sujata Birajdar Completed Ph. D Degree.

### Research Papers Publication :-

- **Dr. S. S. Bellale**
- International Journal of Engineering Sciences & Research Technology.Vol.5(9)2016, Pages 436-444, ISSN2277-9655 Approximate Solutions for Perturbed Measure Differential Equations with Maxima 2016 Impact factor 4.116
- S. S. Bellale International Journal of Mathematical ArchiveVol. 7(10) 2016, Pages 2229 - 5046 Existence Theorem and Extremal Solutions for Perturbed Measure Differential Equations with Maxima 2016 Impact factor 4.908

### Chair session / Invited Talk/ Papers presented / participated in Conferences, Seminars and Workshops:-

- 1. S.S. Bellale 23 June 2016 Chair session and invited talk in the workshop on Discussion on Syllabus of B. Sc. Third Year VI Semester in Mathematics, Dharmapuri, Beed
- 2. S.S. Bellale 16-30 May 2016 Resource Person for Pre-Ph D. Course work for Ph D Students DSC Latur

## Academic Report May 2016 – Feb 2017

- 3. S.S.Bellale 6-11 June 2016 Resource Person for Regional Workshop on Research Methodology for Ph. D. Students, DSC, Latur.
- 4. S. S. Bellale 30 June 2016 Participation in one day workshop on Choice Based Credit System for U.G.Programme, DCA, Latur
- 5. S.S. Bellale 12-15, July 2016 Invited for talk in International conference on Analysis and Applications, Kirsehir, Turkey
- 6. S. S. Bellale 03-04, Aug 2016 Resource Person for National Conference on Geometry, Topology and their Applications (NCGTA2016), K.U. Dharwad, Karnatka
- 7. S. S. Bellale 03-04, Aug 2016 Chair Session for National Conference on Geometry, Topology and their Applications (NCGTA2016), K.U. Dharwad, Karnatka
- 8. S. S. Bellale 15-16, July 2016 Presented Paper at National Conference on Recent Trends in Mathematics (NCRMT2016) Tata Institute of Social Sciences, Tuljapur, M. S.
- 9. S. S. Bellale 04 Sept 2016 Invited talk at Dimensions of Quality Enhancement, Sundarrao Solunke Mahavidhyalaya Majalgaon, Beed
- 10. S. S. Bellale 30 Sept.-04 Oct 2016 Invited talk at Nonlinear Analysis. Computations Using MATLAB, MATHEMATICA, MAPLE, LINGO and CPLEX with Applications in Engineering & Sciences, S.V. N. I. T. Surat
- 11. S. S. Bellale Nov. 15-17, 2016 Paper Presentation International Conference on Differential Geometry, Algebra and Analysis (ICDGAA2016), J. M. Central University Delhi, India
- 12. S. S. Bellale 26 Nov. 2016 Participated in One day workshop on Reforms in Higher Education, SRTMU Sub-center Latur
- 13. V.D.Gaikwad 10-12 Sept 2016 Participated in workshop empowering in mathematics at IIS Mumbai.

## International Conference:-

- Submitted proposals to UGC, NBHM, DST, CSIR, INSA, Foreign Ministry for getting financial assistance to organize international conference in Applied Mathematics during 05-09, March 2016.

## Academic Report May 2016 – Feb 2017

### Dept. Microbiology -

- 1. Miss Siddiqui A.G. presented poster in the National conference on Use of plants & microbes for Green Biotechnology on 26-27 November 2016 held at COCSIT Latur.
- 2. Mrs. Pathan D.A. participated by given oral Presentation in the National conference on Use of plants & microbes for Green Biotechnology on 26-27 November 2016 held at COCSIT Latur.
- 3. Miss Dhutekar S.S. , Miss Diwan V.A. , Miss Patil S.D. attended the National conference on Use of plants & microbes for Green Biotechnology on 26-27 November 2016 held at COCSIT Latur.
- 4. Miss Sneha Sakhare of B.Sc III year won second prize in western song competition in 2016 youth festival of SRTMU Nanded.
- 5. Miss. Sneha Sakhare & Miss. Diksha Dhaware of B.Sc III year & group won II nd prize in Mime competition in 2016 youth festival of SRTMU Nanded.

### Department of Biotechnology :

- 1. Mrs. Vidya Ramesh Hinge Awarded Ph.D degree in the subject of Biotechnology from Savitribai Phule Pune University , Pune , in september 2016.
- 2. Mrs. Vidya Ramesh Hinge won III prize in oral presentation in the National conference on Use Of plants& Microbes for Green Biotechnology on 26-27 November 2016 held at COCSIT Latur.

**Department of Botany :**Dr. C.S. Swami attended UGC-Sponsored Short-Term Course on "Research Methodology" held at UGC-Academic Staff College, University of Pune, Pune during 6-12 June 2016.

### • Research publication:

- 1. C.S. Swami & S.K. Alane (2016). Studies on effect of Physical factors on protease production in seed-borne fungi of green gram (*Phaseolus aureus* Roxb). *paripex-Indian Journal of Research* 5(7): 54-55.
- 2. C.S. Swami (2016). Effect of supplementation of carbohydrates & nitrogen sources on pectinase production in tomato fungi. *paripex-Indian Journal of Research* 5(8):8-9. (ISSN 2250-1991). (Impact Factor : 5.215)

## Academic Report May 2016 – Feb 2017

### Departmental Zool Activities & Achievements :-

- **Dr. R.V. Kirtane**
- 1. Received District Level award of ideal Teacher from Dr. Babasaheb Ambedkar Vicharmanch on 5 September 2016.
- 2. Attended of National conference on Biotechnology at COCCIT College Latur on 26,27 nov-2016.
- **Bondage S.D.**
- 1. Attended one day workshop on CBCS pattern organized by SRTMUN & Dayanand Arts College.
- 2. Published one research paper in International Journal of Sciences& Research, Online Journal Title :Physico - Chemical status of Various bore well water from Latur District, Maharashtra, Indian. Volume 5 Issue 11, Nov 2016.
- **Acharya K.V.**
- 1. Published two International papers in IJSER International Journal of Scientific & Engineering Research in Volume 7 Sept. 2016.

### Annual report of Sports Department:-

- 1. In this current year our college students have participated in the Event of Volleyball, Table Tennis, Badminton, Athletics, Cricket, Baseball and Chess in A Zone and Inter Zone Inter College Tournaments.
- 2. First time in history of Dayanand Science college Our Badminton women's team won the Winner trophy in A zone inter college Badminton (Men) Tournament. Also our college Badminton men's team won the Winner trophy in A zone inter college Badminton (Men) Tournament
- 3. Our Cricket men's team have track record of 5 year continues winning in A zone and university level Cricket tournaments . Also won the champion trophy of 'A' Zone Inter College Cricket men's Tournament.
- 4. Our student Shri Ajit Futane won the **Gold medal** at university level Boxing Tournament.
- 5. Student's **Ku.Roohi Farukhi, Ku. Namrata Kulkarni and Pranjli Sarode** have represented, SRTMUN in all India Inter University Badminton tournament which was held Dayanand Science College, latur.

## Academic Report May 2016 – Feb 2017

Our College Student **Shri Jambhle Sourabh** have represented S.R.T.M. University, Nanded in all India Inter University Baseball tournament which was held at Panjabi University, Chandigarh. In upcoming time our student's will be participate in Cricket, Taekwondo and Boxing at All India Inter University Level.

7. In this year sports department have organized **West zone Inter University Badminton Men's Tournament** in our society. This was millstone for our college and our society.

8. **Dr. Mahesh Bembade attended International conference** on physical education and sports science, and presented research paper on "The correlation between academic performance and physical abilities". This conference was held at S.V'S Sridora Caculo College of Commerce & Management studies Panjim, Goa on 02 to 04 June 2016 .

### Youth Festival (2016-17)

Dayanand Science College participated in 5 different events in the Youth Festival (2016-17) organized by S.R.T.M.U., Nanded. The college received two medals in this event.

1. Western song (Individual) - Silver
2. Mahim - Silver.

### Yuwati kalayan Mandal :-

1. Formation of Yuwati Kalayan Mandal and is inauguration with the auspicious honor of DYSP Suvarna Umap & Dr. Varsha Patil a well known personality.
2. The girl student being informed with the latest mobile App " **Pratisad** " and its demo by the DYSP of Latur.
3. Dr. Varsha Patil was given a speech on "**Women's Health Issues**" with beautiful illustrations.

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## Progress Report For Feb 2017- Sept 2017

### Refresher Course -

- Organized 15 days Refresher Course in Chemistry during 20 - 5 June, 2017 (National Level) sponsored by Indian Academy of Science, Bangalore 6 Scientist and Academy Fellows from Hyderabad University, IIT, Mumbai, Pune University given lectures in this Refresher Course. College received **8.40 lacks** Financial Assistance.

### Inspire Camp -

- 15th Inspire Science Camp will be organized for 200 students during 11 - 16 Oct. 2017.

### Abroad Visit –

- Dr. J. S. Dargad** , Principal Attended and presented research paper in the international conference at Kawalumpur, Melesiya during 12 - 13 June, 2017. Ist International Conference on terdisciplinaryResearch Methodology and Innovation.
- Dr J S Dargad** Acted as a chairperson in the GRDS internatirnational Conference in Dubai during 20-21 Feb, 2018
- Dr. M. B. Pandge –**
- Attended and presented research paper in the international conference entitled “ Clusters across cosmic time”, organized by the Laboratoired’ Astrophysique de Marseille, that was held in Aix-En-Provence, France during 10th to 13th July 2017.

### List of Published Papers (Dr. M. B. Pandge):

Dr. Mahadev Pandange is the DST Inspire Faculty Awardee working in our institute. He has sanctioned a total grant of Rs 1 Cr from DST. He has also Received a grant of Rs 26 lakhs from SERB for his research project. His work is in Astro-Physics viz in Galaxy. He is also a visiting faculty of IUCCA , Pune. On his name under the projects sanctioned by DST & SERB a no of publications with high impact factors journals.



## **Publications of Dr Mahadev Pandange (Inspire Faculty Awardee)**

1. MACS J0553.4-3342: A young merging galaxy cluster caught through the eyes of Chandra and HST: Pandge, M. B.; Bagchi, Joydeep; Sonkamble, S. S.; Parekh, Viral; Patil, M. K.; Dabhade, Pratik; Navale, Nilam R; Raychaudhury, Somak; Joe, Jacob. Accepted for publication in MNRAS **impact factor 5.0**.
2. 'Zwicky's Nonet': a compact merging ensemble of nine galaxies and 4C 35.06, a peculiar radio galaxy with dancing radio jets: Biju, K. G.; Bagchi, Joydeep; Ishwara-Chandra C., H.; Pandey-Pommier, M.; Jacob, Joe; Patil, M. K.; Sunil Kumar, P.; Pandge, Mahadev; Dabhade, Pratik; Gaikwad, Madhuri; Abraham, Sheelu; Vivek, M.; Mahabal, Ashish A.; Djorgovski, S. G. Accepted or publication for MNRAS **impact factor 5.0**.
3. Optical and infrared Imaging & Spectral Study of FR-I Type Radio Galaxy: CTD086 (B2 1422+26B) : Sahu, Sheetal K; Pandey,S.K; Chaware, L; Pandge, **MNRAS Impact Factor 5.1**  
M. B. Accepted in Astrophysics and Space Sciences **impact factor=1.7**.
4. A3017: a spectacular case of cluster filaments and cavities: Viral, Parakh, F, durret, Pandge, M. B., Prajwal Accepted in MNRAS **impact factor 5.0**.
5. A hot X-ray filament associated with Abell 3017 galaxy cluster: V. Parekh, P. Padmanabh, M.B. Pandge MNRAS, 470,3742 2017 Impact Factor 5.10

## **List of Paper Submitted –**

1. Determination of the size of the dust torus in H05074+ 164 through optical and infrared monitoring: Amit Kumar Mandal, Suwendu Rakshit, Kshama S Kurian, C.S. Stalin, Sebastian Hoening, Poshak Gandhi, M.B. Pandge. MNRAS Impact Factor 5.0
2. Detail Study of AGN feedback in Abell 3017: Pandge, M. B., Pooja Waghmare. MNRAS, Impact Factor 5.1
3. AGN feedback with SKA: Asif Aqbal , Biman B.Nath, Subharata Majumdar, Pratick Sharma, Rutha Kale, Pandge Mahadev, Somak Raychaudhury. JAA Impact Factor 1.2
4. A combined X-ray, optical and radio view of the merging galaxy cluster MACS J0417-1154 MNRAS IF 5.10
- AGN Feedback in the galaxy group: a detailed study of X-ray cavities, shocks in IC1262: Pandge, M. B., S. S. Sonkamble, M. K. Patil MNRAS, IF 5.10

## Department of Microbiology –

1. Inauguration of students Dayanand Science College Unit, Latur of Microbiologists Society India on 19th August 2017.
2. One day training programme on career development in life sciences Organized in collaboration with Microbiology Society of India.
3. Checking drinking water Quality of college drinking water tank July 2017 - MPN 68. Potable August 2017 - MPN Potable
4. Checking of 130 students blood groups of college students in boys hostel.
5. Following students stood Rank II and Rank III in M. Sc. Microbiology SRTMU Nanded summer 2017 Examination **Patil Komnal Ramesh 79.00 % Silver (II), Bellure Sangmeshwar Prakash 78.76 % Bronze**
6. A research paper of Dr. R. A. More on in Vitro Evaluation of Six Indian Medicinal Plants for their Antimycobacterial Antioxidant and Cytotoxic Potential in Indian Journal of Pharmacology (under Revision).

## Department of Chemistry –

1. **Miss. Durrani Tafil Fatema Ayyub Khan** secured **Rank Ist** and **Miss. Gogade Prinaka Narhari** secured **Rank IIIrd** in merit list of **S.R.T.M.U.Nanded** in the Subject of Org. Chemistry.

**Paper Publications -1.** Prof. Y. P. Sarnikar Publish Research papers in International Journals a) Der Pharma Chemica (Impact factor 0.5) Titled "Synthesis and Characterization of Tetra substituted Imidazole by using Silica supported catalysis". b) World Journal of Pharmaceutical Research on titled Synthesis , Characterization and Antimicrobial Study of Some Transition Metal Complexes of Bidentate Chalcone Ligand Prof. Y. P. Sarnikar, Dr. S. N. Ibatte, Dr. J. A. Angulwar, Dr. R. S. Shinde.

2. Dr. A. M. Chougule ,Prof. R. k. Jadhav attended a Workshop on B.Sc. IInd year curriculum and Skill Enhancement Course at Arts, Science and Commerce college, Shankarnagar Dist. Nanded.
3. Dr. S. N. Iabatte, Dr. N. S. Korde, Dr. R. S. Shinde. Dr. J. A. Angulwar participate in NationalLevel Refresher Course in Theoretical Chemistry organized by Dayanand Science College,Latur sponsored by Indian Academy of Sciences Bangalore under the directorship of Dr. Dilip Dhavale (Savitribai Phule University Pune) from 25th June to 5th July 2017 .
4. Prof. R. K. Jadhav participated in 33rd orientation course organized by Panjab University, Patiyala.
5. Dr. S. S. Mahurkar and Prof. R. K. Jadhav participated in the STEM Teacher Training Workshop on Research Based Pedagogical Tools (Level - I) held from 26th Feb. to 1st March 2017 in Indian Institution of Science Education and Research (IISER) Pune.

## **Department of Botany -**

1. Organized Guest Lecture of Dr. Ganesh Malwade (Lecturer, Department of Shalyatantra, B. V. Kale Ayurved College Hospital, Latur) on "Medicinal Plants" on 23.08.2017.
2. Organized Study Educational Tour at Yedshi on 27.08.2017.
3. Dr. C. S. Swami attended CBCS and Skill Enhancement Course Workshop at Sub-center S.R.T.M.U. Latur on 14.07.2017.
4. Dr. C. S. Swami attended CBCS IIInd syllabus workshop at Vasantnagar Dist. Nanded.

## **Department of Zoology and Fishery Science -**

1. Dr. R. V. Solunke attended CBCS and Skill enhancement programme at sub Centre SRTMU Nanded organized by S.R.T.M.U. Nanded on date 14.07.2017.
2. Dr. R. V. Solunke attended syllabus workshop for II year syllabus at poorna college, poorna, Parbhani district on date 23.08.2017.
3. Dr. R. V. Kirtane published one International Research paper, roll of mass media in climate change awareness program online international interdisciplinary research journal (bimonthly)ISSN 2249-9598, to vol-07, issued on 05 Sep. 2017.
4. Organized one guest lecture on "higher education system and scope" for Indian students in untied states by shrinvas kolpuke (U.S.) on date 13.08.2017.
5. Organized one visit to local fish market for the students of fisher science on 31.08.2017.
6. Organized one field visit to study pond ecosystem and study of migratory birds at kaha lake latur with wildlife experts on date 27.08.2017
7. Organized one day short study tour to show artificial breeding by hypophysation Method at majalgoan fish farm for students on date 29.08.2017

## Physics Department -

1. Dr. V. A. Chaudhari Attended international conference on functional oxides and Nanomaterials, dated 11 - 13, 2016 at Saurashtra University Rajkot. Title - Identification of MPB region in (Pb 1-x) ceramics.
2. Dr. L. V. Thakre has submitted major research project of **Rs. 2000000/-** to SERB, DST New Delhi on "Synthesis and Preparation of CdMnSe Thin films : Application in PEC"

## Dr. V. D. Mote - List of submitted Project -

1. "Development and characterization of Cr and Co doped ZnO Nanomaterial's for gas sensing applications" **Total Cost (in Rs.) : 33,97,000/-** Extra Mural Research Funding, Science and Engineering Research Board, DST, New Delhi (2017).
2. "Development and Investigations of Mn doped ZnO Nanostructure Thin films for Spintronics Applications", **Total Cost (in Rs.) : 26,45,000/-** Early Career Research Award, Science and Engineering Research Board, DST, New Delhi (2017).
3. "Development and characterization of Cr and Co doped ZnO nanomaterials for spintronics and gas sensing applications" **Total Cost (in Rs.) : 75,00,000/-** Nanomission, DST, New Delhi (2016).
4. "Development and Characterization of Al and Cd doped ZnO Thin Films using Dip Coating Technique for Solar Cell and Spintronics Applications" ", **Total Cost (in Rs.) : 4,90,000/-** UGC, New Delhi.

## List of submitted Papers -

1. Role of Cobalt Doping on the Electrical Conductivity of ZnO Nanoparticles, U. Godavarti, **V.D. Mote**, Madhavaprasad Dasari, *Journal of Asian Ceramic Societies*, **2017**(Accepted).
2. **V. D. Mote, B. N. Dole**, "Effect of Cr on Structural, morphological and electrical properties of nanoparticles by co-precipitation method", **International conference on nanoscience and nanotechnology (ICONN-2017), August 9-11, 2017, SRM University, Chennai.**
3. \* Technical Program Committee's Member of **3rd Annual International Workshop on Materials Science and Engineering**, September 8-10, 2017, Guangzhou, Guangdong, China.

4. Invited as a Esteemed presence as a **Speaker** at II International Conference on Catalysis and Chemical Engineering (**CCE- 2018**) scheduled on **February 19-21, 2018** in **Paris, France**.

5. \* Invited Esteemed presence as a **Speaker** at Nanotechnology & Materials Science-2017 International conference, November 20-22, 2017 **Dubai, UAE**.

5. Invited as a **Speaker** in the International NanoWorld Conferenc “April **23-25, 2018** at **San Francisco, USA (NWC-2018)**).

6. Invited as a **Speaker** in the “**International Conference on Nanotechnology and Nano Science**” scheduled during **September 18-19, 2017** at Amsterdam, Netherlands

### **These are the seminars conducted for Computer Science Students**

<b>Sr.No.</b>	<b>Date</b>	<b>Topic</b>	<b>Name of Guest</b>
1	4-5/02/2017	Workshop on Personality Development & interview (Franchise) Onwards Techniques (System Engineer, TCS, Mumbai) from Radiant Academy,Pune	Mr. Ankush Gutte & Mr. Lahu Gutte
2	29/07/2017	Buildibng Project using to Higher Programming Onwards Language & technology (Technical Vice President at Bank of America)	Mr. Sanjeev Khandelwal Sir
3	08/11/2017	Microprocessor & its to Applications (Ex- System Onwards Administrator, In Office of chief of the Army Staff, Army Headquarter, New Delhi)	Mr. B.R. Gomare Sir
4	28/08/2017	Personality Development to & How to Crack Interviews Onwards at MNC's	Mr. Sachidanand Kulkarni Sir (Vice President HR & Culture Webonise Lab Pvt. Ltd., Pune)

## Department of Mathematics –

### Conference Workshop Organized :

1. International Conference on Mathematical Analysis and its Application : IAMAA2017

(During March 5-9, 2017) \* Participants: Foreign-**14**, Indian-**417** \* Grant Received and Expenditure:

#### Amount Sanctioned / Received :

1)	National Board of Higher Mathematics (NBHM)	120000=00
2)	Science & Engineering Research Board (SERB)	100000=00
3)	Council of Scientific & Industrial Research (CSIR)	40000=00
4)	Indian National Science Academy, New Delhi. (INSA)	30000=00
5)	University S.R.T.M. University, Nanded. (SRTMUN)	25000=00
6)	Online Registration Fee	422000=00
7)	Spot Registration Fees	245600=00
8)	Dayanand Education Society, Latur. (DESL)	169551=00
	<b>Total</b>	<b>1152151=00</b>

#### Expenditure :

A)	Honoraria, TA/DA Invited Speakers	31700=00
B)	Accommodation and Catering	198334=00
C)	Stationery, Folders and Postage, Travelling	400317=00
D)	Printing of Circulars, Prospectus, Proceeding.	388350=00
	<b>Total</b>	<b>1118701=00</b>
E)	<b>Balance</b>	<b>33450=00</b>
	<b>Grant Total</b>	<b>1152151=00</b>

2. District level 14th MMS seminar competition organized Feb. 27-28, 2017. Total Participant - 26 student  
Miss. Sakshi Agarwal of DSCL won Second Prize

### 3. Books Published:

- 1) S. S. Bellale A Text Books “Target’s perfect Mathematics Target 2017- XII-Vol-I” Target Publication, Mumbai (Pub Publication, 2018 code TPPL-M1-XII March 2017) Mumbai
- 2) S. S. Bellale A Text Books “Target’s perfect Mathematics Target 2017-XII-Vol-II” Target Publication, Mumbai Publication. 2018 (Pub code TPPL-M2-XII April 2017 Mumbai)

#### 4. Conferences: Paper Presented/attended

- S. S. Bellale** 1. 20-21 Feb 2017 Participated in National Workshop on Mathematical Software's (NWMS-2017) , NES Science College Nanded
2. March 5-9, 2017 Invited Talk and Chair Session in International Conference On Mathematical Analysis and Its Applications ( ICMAA2017)
3. 17-18 April 2017 Participated in National seminar on Present Scenario and Future Challenges of Autonomous Colleges , R.S. College Latur
4. 04 Aug 2017 Participated in one day workshop on B. Sc. Second Year syllabus structure in mathematics and Computer Science, Bahirji SmarakMahavidhyalaya, Basmatngar.
5. 01 Sept 2017 Presented a paper on “ Role of IQAC in Quality Enhancement” in One day National Level Seminar on Revised Accreditation Framework, at Shivaji College Parbhani.

#### Paper Published: Prof. S. S. Bellale , Prof v D Gaikwad

S.No	Title	Journal	IF
1	Hybrid Fixed Point Theorem for Nonlinear Differential Equations Perturbed Measure Differential Equations	International Journal of Engineering Sciences & Research Technology, Vol.5(9)2016, Pages 436-444, ISSN2277-9655, 2017	4.116
2	Approximate Solutions for Perturbed Measure Differential Equations with Maxima	International Journal of Engineering Trends &Technology.Vol.3(2), 2017	2.88
1	An Analysis upon various Algorithms solutions in algebraic Number theory	Journal of Advances in Science and Technology ISSN:2230-9659Vo l14, (50-56) 2017	0.998
2	The concept of Relationship among logic and Number	Journal of Advances in Science and Technology ISSN:2230-9659 Vo14 (33-38) June 2017	0.998
3	Theory of Differential and Algebraic equations structural and Numerical Solution	Journal of Advances and Scholarly Researchers in Allied Equations ISSN: 2230-7540 Vol 13 (37-42) July 2017	0.998

## **List of National and International Conferences attended: Paper/poster Presentation**

- 1 Discovery of MPC-SCALE X-ray Tail and third surface brightness edge July 10th- in ACS0553.4-3342" XIth Marseille Cosmology Conference "Galaxy 13<sup>th</sup> clusters across cosmic time", organized by the Laboratoire d'Astrophysique 2017 de Marseille, that was held in Aix-En-Provence.
- 2 Cosmic filaments around galaxy clusters", Prajwal V. P, Viral Parekh, March 6-1 M.B.Pandge, Joydeeo Bagchi ; at the 35th meeting of the Astronomical 2017 Society of India (ASI 2017), held at B. M. Birla Auditorium, Jaipur, during
- 3 Determination of the size of the dust torus in H0507+164 through Optical-March 6-10, IR monitoring", Amit Kumar Mandal, M.B. Pandge, C.S Stalin ; at the 2017 35<sup>th</sup> meeting of the Astronomical Society of India (ASI 2017), held at B. M. Birla Auditorium, Jaipur..
- 4 "Long term X-ray variability characteristics of Black Hole Binary GRS March 6"10, 1915+105", Nilam Navale, Anjali Rao, A. R. Rao, Yesh Bhargava, 2017. M.B. Pandge ; at the 35th meeting of the Astronomical Society of India (ASI 2017), held at B. M. Birla Auditorium, Jaipur.
- 5 Discovery of MPC-SCALE X-ray Tail In MACS0553.4-3342", M.B. March 6"10, Pandge, S.S. Sonkamble, Joydeep Bagchi, M. K. Patil, Pratik Dabhade, 2017 Jacob Joe, So-mak Raychaudhury, Nilam Navale; at the 35th meeting of the Astronomical Society of India (ASI 2017), held at B. M. Birla Auditorium, Jaipur.

## **Awards/achievements.**

### **1. (The Best Poster Presentation award)**

Determination of the size of the dust torus in H0507+164 through Optical-IR monitoring", Amit Kumar Mandal, M.B. Pandge, C.S Stalin ; at the 35th meeting of the Astronomical Society of India (ASI 2017), held at B. M. Birla Auditorium, Jaipur, during March 6"10, 2017.

2. Selected as "**IUCAA Associate (Visiting Scientist)**" at IUCAA from 1st September 2017 to till date.



## Department of of Languages -

- 1) Annual magazine Unmesh was published in July 2017 by the hands of Hon. President Shri. Lakshmiramanji Lahoti.
- 2) The inauguration of Literary and cultural association was held on 7th Sept. 2017 by the hands of Dr. Vibhakar K. Mirajkar ( Former Principal and Theatre Person).
- 3) Miss. Vidhi Subhash Palsapure (B.Sc.III) got first prize in Elcution competition (district level) and is selected for Hindustani Prachar Sabha central level competition.
- 4) Miss.Vidhi Subhash Palsapure stood first in the University in the subject English. She is the receipt of Late Shri. T. Mallikarjun Smruti Paritashik.

## Library - (Shri. K. R. Bhise)

Presented Paper in Multidisciplinary International Conference on Human Concerns and Issues in Liertature, Social Sciences, Commerce, Science and Technology entitled "Review of E-Resources In college Libraries", Dated 8th April, 2017 held at Sonubhau Baswant College of Arts and Commerce, Shahapur Dist. Thane.

## Sports Department

1) In this current year our college students have participated in the Event of Volleyball, Table Tennis, Badminton, Athletics, Cricket, Baseball, Softball and Cross country in A Zone and Inter Zone Inter College Tournaments. 2) Firs time Our College women's Cricket team have participated in the A zone Cricket tournament and won the Winner trophy. Total 7 girls of this team were selected in A zone team and achieved second place at university level. 3) Our Badminton women's team have participated in the A zone Badminton tournament and won the Winner trophy. Total 3 girls of this team were selected in A zone team and achieved First place at university level. 4) Our Badminton men's team also participated in the A zone Badminton tournament and achieved Runner up trophy. Total 2 students of this team were selected in A zone team and achieved Third place at university level. 5) This year Sport department has organized '**A**' zone **Inter collegiate Table Tennis & Badminton (Men & Women)** Tournament on 14 Aug. 2017. Sport department has also organized **Central zone Inter collegiate Table Tennis & Badminton (Men & Women)** Tournament on 22 Aug. 2017. 6) 20 days Coaching camp for Baseball, Softball and volleyball players of Dayanand Education Society was organized by sport department. 7) **Dr. Mahesh Bembade was attended International conference** on physical education, fitness and sports science, which was organized by Department of physical Education, Osmania University, Hyderabad on 19 & 20 Aug. 2017. He has presented research paper on **A comparative study of Physical Fitness components between Cricket and Baseball players.**

## **National Service Scheme NSS Department -**

NSS volunteers Mr. Garude Nitin Tukaram and Mr. Phule Ajay Angad participated in Disaster Management Training Camp (State Level One Week) organised by Shivaji University, Kolhapur).

## **NCC Department -**

### **CAMP ATTENDED:**

1)	ATC Camp at Babhalgaon	–	10 Cadets was participated.
2)	ATC Camp at Nanded	–	12 Cadets was participated.
3)	ATC Camp at Nanded	–	10 Cadets was participated
4)	ATC Camp at Aurangabad	–	05 Cadets was participated.
5)	ATC Camp at Aurangabad	–	05 Cadets was participated.
6)	NIC Camp at Satara	-	02
7)	All India Trekking expedition AP Trek at Tirupati	–	03

### **SOCIAL ACHIEVEMENTS:**

1) Cleanness Drive 2) Blood Donation Camp 3) Health Check-up Camp 4) Tree Plantation

### **ACHIEVEMENTS:**

- 1) 95 % result in 'B' Certificate and 100 % in 'C' Certificate examination.
- 2) Cadet selected as a company commander at ATC camp, Aurangabad.
- 3) 10 cadets have got silver medal in sports activity at ATC camp.
- 4) Suryaji Nikam has got silver medal in cross-country event at ATC Aurangabad.r.

## **Science Association -**

1) Science Association is formed in the college and on 20th Aug, 2017. The association is inaugurated by the hands of Principal R. S. Awasthi, Shivaji mahavidyalaya Renapur.

2) On 11 Sept. 2017 on the occasion of teachers day celebration a grat "Guru Gvaorav Sohala " was organized by the association in which all teachers were felicitated from the students.

## **Gandhi Vichar Sanskar Exam:**

Every year our college used to conducts Gandhi Vichar sanskar Examination for students in collaboration with “Gandhi Vichar Foundation Manch” – Jalgaon. In District level Completion of this exam our college students won the prices

1. Vidhi Palsapure – Gold Medal, 2. – Sabiya Shekh – Silver Medal

## **Sept. 2017 to Nov. 2017**

**Inspire Camp** - Inspire Science Camp is organized for 200 students during 11 - 16 Oct. 2017.

**Refrsher Course** - 1) A Proposal to organize 15 days Refresher Course in Mathematics during 05 - 20 June, 2018 is submitted to Indian Academy of Science, Bangalore.

2) Science Academies 3 Days Lecture Workshop - A propose to organize 3 days students Workshop in the subject of Chemistry is submitted to Indian Academy of Science, Bangalore.

## **3 Days Blue Revolution Workshop -**

1) Government of Maharashtra Dept. of Fishery and Dayanand Science College jointly organized 3 days "Blue Revolution" workshop during 24 - 26 Nov., 2017.

## **Research Guide Recognition -**

1) Prof. Dr. S. N. Ibatte, Prof. Dr. N. S. Korde, Prof. Dr. A. M. Chougule are deleared as Ph.D. research supervisor / Guide in the subject Chemistry under the faculty of Science and Technology of S.R.T.M.U. Nanded.

## **Dr. J. S. Dargad -**

1) A paper Entitled “ **Synthesis, Structural and Transport properties of Chemically Deposited CdMnS Thin Film**” is accepted for oral presentation in the International Conference on Researchers in Science and Technology during **22-23 Dec, 2017** at Dubai, United Arab Emirates Organized by Global Research & Development Services.

2) Research Paper accepted in the 342nd International Conference in Metallurgy Technology and Materials Budapest, Hungary during 10-11, March 2018.

3) Dr. J. S. Dargad became a member of Scholars Association: “World Association for Scientific Research and Technical Innovation (WASRTI)”.

**Dr. V. A. Chaudhari – Paper:** 1) Identification of morphotropic phase boundary (MPB) region in (Pb<sub>1-x</sub>La<sub>x</sub>) (Zr<sub>0.65</sub> Ti<sub>0.35</sub>)<sub>1-0.25</sub>XO<sub>3</sub> (PLZT) ceramics. AIP Conference Proceedings 1837, 030002 (2017).

**Dr. V. D. Mote - Paper published in repeated journal -**

- 1) Precipitated Nickel doped ZnO nano particles within enhanced low temperature ethanol sensing properties,; Modern Electronic Materials, 2017.
- 2) Role of cobalt doping on the electrical conductivity of ZnO Nano particles “Journal of Asian Ceramics Societies, 2017.

**Dr. V. A. Mote Invited as a Speaker for -**

- a) 4th annual world congress as smart materials held on 6-8, 2018 in Osaka, Japan.
- b) Collaborative conference on super conductivity held on 15-19 January, 2018 at Singapore.
- c) International conference on computational material science and thermodynamics systems held on 22-23 March, 2018 Wolfson College, Cambridge City, University Cambridge.

**Comp Science Dept. Organized Seminars on following Topics**

- |  |   |
|--|---|
| 1. Building project using Higher Programming Language & technology | Mr. Sanjeev Khandelwal Sir<br>(Technical Vice President at Bank of America) |
| 2. Microprocessor & it's Applications                              | Mr. B.R. Gomare Sir (Ex- System Administrator)                              |
| 3. Personality Development & How to crack interviews at MNC's      | Mr. Sachidanand Kulkarni<br>(Vice President HR & Culture)                   |

**Comp Science Dept. Competition Details -**

I) Poster Presentation Competition for Comp.Sci.at Yashwant Mahavidyalaya, Nanded. Total students participated = 10. Rank in Poster Presentation in the topic Brain Computer Interface 1. Poonam Lokre – II 2. Akshita Holikar – II) In Blind C Language Competition at M.S. Bidve Engg. College, Latur Participants- 04 students Ayesha Mulla reached IIIrd round. III) At R.S.M., Latur C Language Quiz Competition 10 students participated. In this competition Shewta Kore Reached up to IIIrd round.

## **Department of Zoology and Fishery Science -**

**Prof. Dr. R. V. Solunke** -1) Attended National Level Seminar on Intellectual Property and Patent filling (IPPF-17) at Mahatma Basweshwar College, Latur. 2) Attended One Day Lecture on Herbal Medicinal Plants at Botany department DSCL.

**Prof. Dr. R. V. Kirtane** - 1) Attended One Day Lecture on Herbal Medicinal Plants at Botany department DSCL.

**Prof. G. N. Nogja** - 1) Attended National Level Seminar on Intellectual Property and Patent filling (IPPF-17) at Mahatma Basweshwar College, Latur. 2) Attended One Day Lecture on Herbal Medicinal Plants at Botany department DSCL.

**Prof. K. V. Acharya** - 1) Attended One Day Lecture on Herbal Medicinal Plants at Botany department DSCL.

**Prof. S. H. Tarte** - 1) Attended National Level Seminar on Intellectual Property and Patent filling (IPPF-17) at Mahatma Basweshwar College, Latur. 2) Attended One Day lecture on Herbal Medicinal Plants at Botany department DSCL.

## **Department of Botany -**

**Prof. Dr. C. S. Swami** - 1) Subject Expert for CAS Promotion at Baliram Patil Mahavidyalaya, Kinwat on 26-9-2017. 2) Attended National Seminar on 'Intellectual Property and Patent Filing' at Shri Kumar Swami Mahavidyalaya, Ausa on 3 -10- 2017. (Organized at Shri Mahatma Basaweshwar College, Latur) 3) External Referee for Ph.D. Viva-voce Examination at the Department of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 11-10-2017. 4) Chief Officer of Senate Election of S.R.T.M.U., Nanded at Dayanand Science College, Latur Centre. (Centre No.303 A) on 29-10-2017.

**Prof. S. K. Alane** - 1) Attended National Seminar on 'Intellectual Property and Patent Filing' at Shri Kumar Swami Mahavidyalaya, Ausa on 3 -10- 2017. (Organized at Shri Mahatma Basaweshwar College, Latur)

**Department of Chemistry** - 1) Prof. Dr. R. S. Shinde declared as Ph.D. research supervisor / Guide in the subject Chemistry under the faculty of Science of SJTU Mumbai. 2) Prof. Dr. R. S. Shinde published a book on Synthesis And Biological Studies of Some Triazine Heterocyclics. With ISBN-13 978-620-2-05280-1, ISBN-10 6202052805. 3) Prof. Dr. N. S. Korde and Prof. Dr. S. S. Mahurkar conducted Gandhi Vaichar Examination Foundation in month of Sept. 2017.

## **Department of Languages -**

1) Department of English has set up English Language Lab. 2) Dr. G. H. Bane presented a paper in International Seminar 22/09/2017 to 23/09/2017 organized by Kabir Pratishthan - sponsored by S.R.T. M. U. Nanded and UGC. 3) Dr. G. H. Bane published a paper in the Souvenir of the National Conference organized at Latur on the occasion of Dr. Suryanarayan Ransubhe's Amritmohaotsav on 12 Nov. 2017.

## **Department of Sports -**

- 1) In year 2017-18 Sport department have organized A zone Inter college Badminton & Table Tennis Tournament. Also organized Inter zone Inter college Badminton & Table Tennis Tournament
- 2) Our women's Badminton team won the winner trophy in A zone Inter college Badminton Tournament.
- 3) Our women's Cricket team won the winner trophy in A zone Inter college Cricket Tournament.
- 4) Our men's Cricket team won the Third prize in A zone Inter college Cricket Tournament.
- 5) Our men's Badminton team won the runner up trophy in A zone Inter college Badminton Tournament.
- 6) Our college students Prasanjit Lamture & Rahul Kadam have represented S.R.T.M.U. Nanded in All India Inter University Baseball Tournament which was held at M.D.University Rohatak Haryana.

## **N.C.C. Activities -**

- 1) Sanap Suraj has selected & successfully completed National Integration Camp at Kerala.
- 2) Devkate Vaibhav & Sanap Suraj have also selected & completed Best Leadership Camp at Sangli.

## **Youth Festival Activities –**

- 1) Kanchan Tidole has got second prize in Classical Singing Event.
- 2) Apeksha Chakote has got second prize in speech competition.
- 3) Sumit Hasale has secured second prize in Mimicry.
- 4) Our students received third prize in dance competition these students namely i) Rushikesh Jadhav ii) Rajan Baptane iii) Nishad Bhute iv) Akshay Kharade v) Sumit Hasalevi) Swapnali Khtile vii) Kolhe Jyoti viii) Aboli Bedgnur ix) Kanchan Tidole x) Nikita Vaidya

**Nov. 2017 to 12.02.2018**

## **Refresher Course -**

### **1) Refresher Course in Chemistry :-**

College has submitted a proposal to Indian Academy of Sciences, Bangluru to organized a **Refresher Course in theoretical Mathematics** during 11th June to 25th June, 2018. The proposal is considered for sanction and a grant of **Rs. 8,82,500.00** will be received for the organization of this Refresher Course.

### **Establishment of NPTEL Local Centre :-**

Dayanand Science College, Latur established a NPTEL Local Centre in collaboration with IIT, Mumbai to run various certificate courses for students and faculty of our college. IIT, Mumbai has given approval for the center.

### **Inspire Camp :-**

16th Inspire Science Camp will be organized for 200 students during 06 - 10 March 2018. Proposal is yet to sanction.

### **Department of Physics, Electronics and Computer Science: -**

#### **Departmental Activities:**

- 1) 10 students of Computer Science participated in university level Poster Presentation competition and two students scored second rank in this competition.
- 2) Computer Science department organised 3 days workshop (guest lecture) for staff of Computer Science on **“Python Language”** by Sanjeev Khandelwal (Vice President Technology, Bank of America, USA).
- 3) Physics & Computer Science Departments has organised 3 days educational tour for 78 students of B.Sc. III year at **“National Observatory Center, Alibagh”** during 29/01/2018 to 31/01/2018.
- 4) Computer Science department organised one day seminar by CADD center **“Emerging Trends in IT Computer Industry”** for all computer Science students.

## **Principal Dr. J. S. Dargad :**

- 1) Research paper entitled "Transport & Structural Properties of CdMnSe Thin Films" has been accepted for oral presentation at GRDS Conference, **Dubai**. Also invited as a Chairperson and plenary lecture for a session.
- 2) Dr. J.S. Dargad became a member of GRDS Institute Research & Technology, Dubai.

## **Dr. L. V. Thakre**

- 1) He has completed Refresher Course in Nano Science and Nanotechnology from 13th November, 2017 to 3rd December, 2017 at North-Eastern Hill University, Shilong and he obtained A grade.

## **Department of Chemistry & Ind. Chemistry :-**

- 1) Dr. N. S. Korde appointed as BOS Member in Chemistry by S. R. T. M. U., Nanded
- 2) Dr. S. S. Mahurkar and Dr. R. S. Shinde attended a workshop on NPTEL, IIT Mumbai and to our Institute NPTEL created a separed page on <http://nptel.ac.in/local chapter>.
- 3) Department of Chemistry Organized a three days workshop on 'Conceptual Chemistry' on 06th Jan - 8th Jan. 2018 Under the Coordinatorship of Dr. N. S. Korde and Co-coordinatorship of Dr. S. S. Mahurkar funded by Academy of science Bengluru in wich 156 students participeted from diffrent colleges of S R T M U, Nanded (Grants Received 1,74,000).
- 4) Department of Chemistry Organized a One day workshop on 'Organic farming' on 12th Jan. 2018 in collabration with Z. P. Latur Under the Coordinator ship of Dr. N. S. Korde and Co-coordinatorship of Prof. S. A. Kadam in wich 200 farmers actively participated.
- 5) Department of Chemistry & Ind. Chemistry Organized educational visit to Balaji Amines LTD, Tamalwadi and Solapur Science Center Solapur for B.Sc. IIIrd Year Students under the tour incharge Prof. Y. P. Sarnikar, Dr. J. A. Angulwar from Chemistry & Dr. A. M. Choughule, Prof. R. K. Jadhav from Ind. Chemistry
- 6) Dr. A. M. Choughule published & presented a paper in Internantional Conferance on applied science (ISAS - 2017) organized by Shri. Kumarswami Mahavidyalaya, Ausa.
- 7) Dr. A. M. Choughule published a paper in UGC Approved Journal Vidyawarta in Jan-2018.
- 8) Dr. R. S. Shinde published & presented a paper in Internantional Conferance on applied science (ISAS - 2017) organized by Shri. Kumarswami Mahavidyalaya, Ausa. on dated 27th Dec. 2017 entitled Synthesis & antibacterial activeity subsituted 3 (4,6-dichloro 1,3,5 triazin - 2 -4) thiozolidin - 4 - one.



9) Dr. J. A. Angulwar, Prof. Y. P. Sarnikar, Dr. A. M. Choughule Dr. R. S. Shinde presented a paper in National Conference on Recent trends in Chemical Science & its Inter Disciplinary Applications organized by Yashwantrao Patil Science College, Solankar, Radhanagri held on 6th Jan. 2018

10) Dr. R. S. Shinde presented a paper in International Conference in COCSIT College, Latur

11) Dr. N. S. Korde published & presented a paper in International Conference on applied science (ISAS - 2017) organized by Shri. Kumarswami Mahavidyalaya, Ausa. on dated 27th Dec. 2017 entitled 'Ultrasound synthesis of transition metal complex of Beta - diketone ligands.

12) Dr. N. S. Korde Work as a Judge for District level Science exhibition organized by Sant Tukaram National Model School, Latur on 14 Nov. 2017

13) Dr. N. S. Korde Work as a Judge for Taluka level Science exhibition organized by Global Knowledge English Schol, Latur on 13-14 Dec. 2017.

14) Dr. N. S. Korde Delivered a Lecture on 'Women's empowerment' in N.S.S. Camp of D.S.C.Latur at Chikhurda on 23 Dec. 2017.

15) Prof. Y. P. Sarnikar Dr. J. A. Angulwar, Dr. R. S. Shinde, Dr. N. S. Korde attended in National Seminar on 'Basic of Intellectual Property and Filing patents held on 2nd Dec. 2017 organized by Dayanand College of Commerce, Latur.

16) Dr. R. S. Shinde participated in National Seminar on 'Intellectual Property and Filing patents' held on 3rd Oct. 2017 organized by Shri. Kumarswami Mahavidyalaya, Ausa.

17) Dr. J. A. Angulwar, Prof. Y. P. Sarnikar, Dr. R. S. Shinde, Dr. A. M. Choughule.

18) Dr. S. N. Ibatte published a paper in UGC Approved Journal Current Global entitled 'Potentially active N2O2 Type Transition metal complex derived from 4 - amino antipyrine 4 - chloro benzaldehyde and acetyl acetone'.

19) Dr. J. A. Angulwar published a paper in International Journal Asian Journal Research Chemistry entitled 'One Pot, Four-Component for the Synthesis of Pyrano Pyrazole Derivatives using TBAHS as Green Catalyst and their Biological Evaluation'.

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### **Department of Mathematics :-**

- 1) Five student Participated in District level seminar competition ku Sakshi Agarwal won first prize and Ku Apeksha Chakote won III prize.
- 2) Department organized Marathawada level seminar competition for UG, PG student
- 3) ku Sakshi Agarwal won II prize in 16 th Marathwada Mathematical seminar competition.
- 4) 95 PG student of mathematics Participated in national workshop on MMC at Bashweshwar College Latur.
- 5) 05 student of UG participated in Madhawa Mathematics competition.
- 6) 13 student participated in Ramanujan Mathematics Competition .

### **Department of Botany :-**

#### **Programmes organized:-**

- 1) 3 Day 'Entrepreneurship Awareness and Training Programme' for Girl Students on 21-23 December, 2017.
- 2) 'Soil and Water Testing Programme' in N.S.S. Special Camp at Chikhurda on 26-12-2017.
- 3) Study tour to Aadi Agro products (Mushroom Cultivation Plant), Khandala, Tq. & Dist. Latur on 11-2-2018.

### **Dr. C.S. Swami -**

- 1) Attended One day State Level Workshop on 'Basics of Intellectual Property and Filing Patents' organized by Dayanand College of Commerce, Latur on 02-12-2017.
- 2) Attended 'International Conference on Applied Science' at Shri Kumarswami Mahavidyalaya, Ausa on 27-12-2017.
- 3) Delivered 2 Guest Lectures at Shri Mahatma Basweshwar Mahavidyalaya, Latur on 7- 2-2018, 9-2-2018.

### **Prof. S. K. Alane -**

- 1) Attended One day State Level Workshop on 'Basics of Intellectual Property and Filing Patents' organized by Dayanand College of Commerce, Latur on 02-12-2017.
- 2) Attended 'International Conference on Applied Science' at Shri Kumarswami Mahavidyalaya, Ausa on 27-12-2017.

## **Department of Zoology and Fishery Science :-**

**WORKSHOP** : Department organized a three day workshop on “**BLUE REVOLUTION**” sponsored by **UGC-CPE-SKILL DEVELOPMENT PROGRAMME** for farmers and students in Collaboration with **N.F.D.B**, Dept of fish ,Govt. of Maharashtra On 24,25&26 Nov 2017.

### **Dr. R. V. Solunke:**

1) Elected as **Member Of Board Of Studies** in zoology, In S.R.T.M.U. Nanded.

### **Dr. R. V. Kirtane:**

1) Elected as **Member Of Board Of Studies** in fishery science, In S.R.T.M.U. Nanded

2) Attended International Conference On “**Applied Sciences** “ at Kumarswami Mahavidyalay,Ausa Dist-Latur on 26-27Dec2017

3) Attended International Conferences on “**Recent Advances In Food, Herble, And Nano Technology**” at college of computer science and Information Technology, Latur on 12-13 January2018

4) Published one international research paper of “**Role of mass media in climate change awareness program** “

### **Prof. K. V. Acharya:**

1) Attended International Conference On “**Applied Sciences** “at kumarswami mahavidyalay, Ausa dist-latur on 26-27Dec2017.

2) Published one international research paper of “**Fisheries resources & Statistical analysis of fish production in India**”

3) Published one international research paper of “**Seasonal variation in polychaetes of intertidal mangrove area of Shirgaon, Ratnagiri.**

## **Department of Microbiology :-**

1) Ms. Andhare Aishwarya Arun B.Sc. I year District Level Avishkar research competition 2017 winner Rank Won Second prize in UG - Agricultural Category.

## **Department of Languages :-**

- 1) Prof. Pandit Megha Marotirao attended one Day State Level Workshop on 'Basics of Intellectual property and filing patents' on 2nd December 2017, organised by Dayanand Commerce College, Latur in collaboration with IPFACE, VENTURE Center, Pune.
- 2) Department of English organised a Guest Lecture on 'Communication in English A Practical Experience' on 05.01.2018 N.N. Doke (Assit Professor) from Dayanand College of Arts was the Guest speaker.
- 3) Department of Marathi organised Essay Competition on the occasion of 'Marathi Bhasha Sanvardhan Pandharwade' on 09.01.2018. first three winners received cash prize in annual Gathering.
- 4) Department of Language organised 'Vidyarthi Gunvishesh Programme for B.Sc. first year students on 11.01.2018 for enriching the language skills of the students.

## **NCC Achievements :-**

- 1) Suraj Sanap has selected for National Integration Camp – (NIC) at Kerala.
- 2) Suraj Sanap & Vaibhav Devkate have selected for Basic Leadership Camp – (BLC) at Sangli.
- 3) Abhijeet Kaspate & Shaikh Shafik also selected for Army Attachment Camp at Ahmadnagar.

## **NSS Activities:-**

- 1) On 1 Dec. 2017 Aids Awareness Rally is organized
- 2) Special Camping Programme is organized during 21-27 Dec, 2017 at Chikurda
- 3) On 28-01-2018 45 NSS Volunteers participated in the irradiation of Pulse Polio abhiyan
- 4) On 5 feb, 2018 blood donation camp is organized in collaboration with District Civil Hospital, Latur. In this camp 23 NSS volunteers donated blood.
- 5) On 25th Feb, 2018 College campus cleanness programme is organized .
- 6) On 05 January 2018 NSS volunteers participated in Sadbhawana rally organized by Students union.
- 7) A speech on “Swach Bharat Abhiyan “ is conducted for NSS volunteers in the college

## Prominent Student Achievements -



**Name :- Vidhi Subhash Palsapure**

**Academic year-2015-16 (B.Sc. I Yr)**

1. Eligible with DST-SHE Inspire Scholarship till M.Sc.

**Academic year-2016-17 (B.Sc.II Yr)**

1. First in District level essay writing competition Conducted by Rajarshi Shahu College,Latur. (Hindi Diwas) dt. 14/08/2016

2. First in District level essay writing competition Conducted by Maharashtra Govt.- Sahyak Aayukt Samajkalyan,Latur & Mahatma Basweshwar College, Latur. Dt. 13/02/2017

3. Gold Medal in 'Gandhi Vichar Sanskar Pariksha' Conducted by Gandhi Research foundation, Jalgaon.

**Academic year- 2017-18 (B.Sc. III Yr)**

1. University topper & Gold Medal in B. Sc. I & II Combined, English (Compulsory) from Science, Commerce & Arts Stream in SRTMU Nanded. dt.-19/05/2017

2. Gold Medal in 'Gandhi Vichar Sanskar Pariksha' Conducted by Gandhi Research foundation, Jalgaon.

3. First in District / Inter Collegiate Education Competition, (Hindi) Conducted by Hindustani Prachar Sabha, Mumbai. dt-23/08/2017

4. First in State Level Essay Writing Competition, Conducted by Miliya College (Arts, Science & Management Beed. dt- 31/01/2018

5 Second in University Level Essay Writing Competition, Conducted by SRTMU, Nanded (Shri Guru Govind Singhji Adhysan Sankul & Sanshodhan Kendra) dt-27/01/2018

6. Consolation in National Level Elocution Competition, Conducted by Hindustani Prachar Sabha, Mumbai. dt.-29/01/2018

7. Third in Inter District Essay Writing Competition, Conducted by Bodhisatva Dr. Bhimrao Ambedkar Charitable Trust,Kasbe Tadvale, Osmanabad. dt-28/12/2017

8. Ideal Student Award- Dr A.M. Deshmukh Ideal Student Award.

9. NSS Best Volunteer Award - 2017-18

**10.** Research Paper Presentation in International Conference on Recent Advances in Food, Herbal & Nano Technology, COCSIT, Latur. dt-12-13th Jan 2018

**11.** Advant MED Placement (Jr. Associate Medical, Gujrat) dt- 17/02/2018

**12.** Meritorious Award

- 1) B.Sc-II                      Microbiology
- 2) B.Sc-II                      Botany
- 3) B.Sc-II                      Chemistry
- 4) B.Sc-II                      All Over First
- 5) B.Sc-II                      English (University First)

**12.** Participation in Poster & Slogan Writing Competition,

Conducted by Rusan Healthcare (P) Ltd & Pratibha Bahu Uddeshiya Shikshan Prasarak Mandal, Solapur. dt-Aug-2017

**13.** SRTMU University Merit -III in B.Sc. (General) Summer-2018

**14** Youth festival Sahyog -2018 (24th-27th Sept-2018)

**15** Merit - I- Elocution

III- Group Dance

Promoted to Indradhanush - Inter University Youth Festival -2018

16 Third prize in P. C. Alexander, (English) Extempore Competition, Conducted by, Bombay University (Representation of SRTMUN) dt-06/10/2018

**Working as Yuva Mahiti Doot**

17 Representation of DSCL in 'Pratibha Sangam' Conducted by ABVP on 29th Sept 2018

## **Prominent Student Achievements -**

**Andhare Aishwarya Arun B.Sc.-II**

**Academic year- 2017-18 (B.Sc. I Yr)**



- 1. Dr. A.M. Deshmukh Ideal Student Award-2017 for Outstanding Record in Academics and Science. dt-19/08/2017**
- 2. Participated in Intra College Poster Competition on occasion of 'World Pharmacist Day' Organized by Dayanand Institute of Pharmacy,Latur. dt-25/09/2017**
- 3. Won third prize in Elocution Competition on Occasion of 'Jagtik Aapatti Dhoke Nivaran Din' Organized by Collector office, Latur. dt-10/09/2017**
- 4. Won Second Prize in Latur District Level Avishkar Research Festival-2017 in Discipline of Agriculture and Animal Husbandary. dt-21/12/2017**
- 5. Won First Prize in Poster Presentation in International Conference on Applied Science (ICAS -17) Organized by Shri Kumarswami Mahavidyalya, Ausa, Dist. Latur**
- 6. Participated in Unversity Level Research Festival Avishkar-2017**
- 7. Presented Poster entitled 'Green Synthesis of Natural Insecticide' in 2- days International Conference on Recent Advance in Food,Herbal And Nano Technology Orgnized by Department of Biotechnology of COCSIT College,Latur. dt-12- 13 Jan 2018**
- 8. Participated in University Level Student Research Convension (Phase-I) under Aegis of Association of Indian Universities 'Anveshan-2018' dt-22/01/2018**
- 9. Presented Oral and Poster in Two days National Level Conference.**
- 10. Organized by Department of Biotechnology in Association with Savitribai Phule Pune University at RJSPM'S ACS College, Pune, India on 'Frontiers in Bio - Fertilizers and Bio - Pesticides'.**

## Academic year- 2018-19 (B.Sc. II Yr)

- 11 Stood first in Elocution Competition on occasion of 'World Anti- Tobacco Day'
12. Organized by 'Shalya Chikitsa Karyalya,Latur. dt - 08/09/2018
13. Stood first in Poster Competition on occasion of 'World Anti- Tobacco Day'
14. Organized by 'Shalya Chikitsa Karyalya,Latur. dt - 08/09/2018
15. Participated & Presented paper entitled "Phytotoxic effect of *Abutilon indicum*, *Tephrosia Purpurea*, *Prosopis Juliflore* and *Cassia Occidentalis* - Ethanolic extracts on Germination and Seedling Growth of Globally invasive weed *Parthenium hysterophoru*" at Third International Workshop of the IOBC Working group on Biological Control and management of parthenium weed, held alongside the first International Conference on Biological Control: Approaches and Application in Bengaluru,India. dt-27-29 Sept 2018
16. Presented Poster entitled 'Musa & Sapientum, Lamna minor Duckweed), Egg shell source of Nutritive Farming in International Biodiversity Congress (IBC 2018) at Forest Research Institute, Deheradun, India.

### • **Study Tours of Dept of Zool & Fish Sci**

#### • **Year 2016-18**

- Study tour at Majalgaon, Dist – Beed. Fresh water Fish seed production unit
- (Chinese circular hatchery)(UGC-CPE) 22 August 2016
- Visit to Kava Lake, Latur - 28 September 2016
- Visit to Kava Lake, Latur to observe Migratory Flemingo bird ( Bird watching) : 5 September 2016
- Visit to Local fish market, Latur : 15 September 2016
- Visit to Gharni fish seed production center, Government of Maharashtra: 26 November 2017
- One day study tour to Visit Bee keeping center at Chakur, Dist- Latur for seminar organized by central Bee Training Research Institute, Pune for teachers & students. 28/ 09/2018
- Organized one Visit to fresh water fish farm ( *Pangassius hypothalamus*) species. at Bhatkheda, Latur 28/ 09/2018



**March 2018 to Oct. 2018**

**Department of Physics, Electronics and Computer Science Activities:-**

1 UGC- B. Voc. Courses under NSQF are sanctioned for the Department from the academic year 0218-19  
1. Mobile Communication Technology, 2. Animation & Multimedia is started.

**Faculty Achievements**

**1) Principal Dr. J. S. Dargad :**

- 1 Dr. J. S. Dargad guides to two Research candidates 2 candidates registered their names for doing Ph.D. under the guidance of Dr. J. S. Dargad in Physics for Ph.D. degree in Physics affiliated to SRTMU, Nanded.
- 2 Nomination of Dr. J. S. Dargad by Hon. V. C. S. R. T. M. U. Nanded in the National and International Linkages Committee of the University.
3. Dr. J s Dargad Presented Research Paper in the International Conference organized by world Association for Scientific Research and Innovation, Dubai Feb. 21-22, 2018. Also acted as a Chairperson in One of the session in the same Conference.
4. Invited to deliver a talk on "Redeting the Future of Advanced Materials" in the Interantional conference ICAMSE - 2019 Osaka, Japan during 22 - 24 July, 2019

**2) Dr. L. V. Thakre :**

1. The faculty member Dr. L.V.Thakre Guides one student of Ph. D. in the Department of Physics / Electronics Dayanand Science College, Latur affiliated to S.R.T.M.U., Nanded.
2. The faculty member Dr. L.V.Thakre Guides for external college students of M.Sc. in the Department of Computer Science, Dayanand Science College, Latur.

**3) Dr. V. D. Mote Recognition as a : Research Supervisor” by S.R.T.M.U., Nanded.**

**Publications Of Dr. V D Mote:**

1. Structural, Morphological, Magnetic & electrical properties of Ni – doped Zno nanoparticles synthesized by Co-precipitation method M. Dasari, U. Godavati, V.D. Mote.
2. Formation of defect, oxygen vacancy creation and shifting og phonon mode by Li<sup>3+</sup> swift heavy ion irradiation on Zn<sub>1-x</sub>MnxO Thin Films.
3. Invited as a speaker in Nano world conference during March 04 – 06, 2019 in Paris, France.
4. Invited as a speaker in Advanced Energy Materials World Congress during 04-07, November 2018.

## **Department Achievements of Computer Science Department (2018-19) :**

1. Conducted 5 days workshop for non-teaching staff of Dayanand Science College on **Computer Literacy**.
2. Conducted 1 day workshop for computer student of Computer Science department by Nandkumar Mali, Latur on **Ethical Hacking & Network Security** on 24/08/2018.
3. Two students get placed in campus and off campus in Tata Motors and Wipro IT Industry.

## **Faculty Achievements (Comp science):**

### **Mrs. Jaju S. A.**

1. Registered for Ph. D. under the guidance of Dr. Sudhir B. Jagtap, Principal of Swami Vivekanand Mahavidyalaya, Udgir for the topic **“Soft Computing Approach for E-learning Prediction using Fuzzy Logic & Neural Network”**.
2. Published paper titled **“Fuzzy Logic A soft computing approach for E-learning: A Qualitative Review”** in International journal on recent and Innovations Trends in computing and communication – volume 6 – Issue – 8 August, 2018 with Impact Factors 5.837 ISSN – 2321 – 8169.

## **Department of Chemistry & Ind. Chemistry :-**

1. Department of Chemistry organized a UGC-CPE sponsored workshop on Skill Enhancement Course (SEC) CBCS in Chemistry for B.Sc. III year on 06..08.2018.
2. Department of Chemistry started extra coaching for fast learners selected candidate of UG / PG on every Saturday. In this power point presentations of Students on different topics, guest lecturers going to be arranged in this academic year.
3. Department of Industrial Chemistry formed the Industrial Students Association - 2018.

## **Department of Mathematics :-**

1. organized “Course Work For Ph. D Students” sponsored by SRTMUN on 25May -10 June 2018.
2. Department of Mathematics organized “National Refresher Course in Mathematics” sponsored by IAS during 11 June -25 June 2018.
3. Department of Mathematics organized “National Workshop one Recent Syllabi in Mathematics for S.R.T.M.U.N (B.Sc. T.Y, CBCS, SEC, Practical)” sponsored by UGC-CPE on 06 August, 2018.
4. Dr. S.S. Bellale, Miss. R.H. Baldawa, Miss. A.U. Herkar, Completed Refresher Course in Mathematics during 15 June to 25 June 2018.

## Department of Botany :-

1. Organized a Seminar on 'Energy Management' for Staff of College. (Sponsored by Petroleum Conservation Research Association, Ministry of Petroleum and Natural Gas, Government of India). (11 April, 2018).

## Research Publications:

**1)** S. K. Alane and **C. S. Swami (2018)**. Efficacy of antagonistic organisms against *Colletotrichum falcatum* causing red rot of sugarcane. International Journal of Research Culture Society 2 (5): 47-48. **(ISSN 2456-6683, Impact Factor: 3.449)**. **2)** V. R. Kumbhar, S. R. Mane, G. M. Birajdar, S. A. Bansode, **C. S. Swami** and U. N. Bhale (2018). Physicochemical characterization and population dynamics of mycoflora in infected rhizosphere soil of onion white rot caused by *Sclerotium cepivorum*. International Journal of current Microbiology and Applied Sciences 7 (8): 3771-3780. **(ISSN: 2319-7706)**. **3) Prof. S. K. Alane:** - S. K. Alane and **C. S. Swami (2018)**. Efficacy of antagonistic organisms against *Colletotrichum falcatum* causing red rot of sugarcane. International Journal of Research Culture Society 2 (5): 47-48. **(ISSN 2456-6683, Impact Factor: 3.449)**. **4)** Dept. of Botany is organized a National Seminar on "Intellectual Property Rights" on 22nd Sept. 2018 Under UGC-CPE Program

## Department of Zoology and Fishery Science :-

**1.** Dr. R V Solunke was invited as co-chairman on 25/07/2018 for syllabus workshop at B.S.M. Basmat.  
**2.** Dept of zoology organized workshop on (Skill Enhancement Course) for BSc III syllabus sponsored by UGC-CPE & S.R.T.M.U.N on 06/08/2018. **3.** Dr R V Solunke & prof Acharya K V attended seminar on major honey bee awareness programme organized by CBRTI,Pune &Patil B keepers on 28/08/2018.  
**4.** Organized & one day study tour for students at Chakur to study Apiculture, on 21/08/2018 at "Gauri Natural Foods". **5.** Dr R V Kirtane attended seminar on "Energy management" at COSCIT college, latur on 11/04/2018.

## Publications-

**1.** Prof Acharya K V published one international research paper "MEDICINAL, NUTRITIONAL AND BIOCHEMICAL VALUES OF FISHES" on july 2018(ISSN-2349-5162,VOLUME-5

## Department of Microbiology :-

### Publications:

- 1) Ayesha G. Siddiqui, Apurva A. Sikhwal, Shradha D. Soni, Rajendraprasad S. Awasthi, Swati S. Bhandare, Sunita D. Danai Tambhale (2018). Exploring the beneficial properties of *Trichoderma viridae* and development of economic medium for its mass production; International Journal of Recent Trends in Science and Technology, P-ISSN 2277-2812 E-ISSN 2249-8109-Special issue ICRAFHN: 46-51.
- 2) Prasanna Dahake, Ayesha Siddiqui, Mahesh Dadpe, Nikita Panpaliya, Shrikant Kendre, Yogesh Kale, In vitro evaluation of antimicrobial property of silver nanoparticles and chlorhexidine against five different oral pathogenic bacteria. Saudi Dental Journal (Status: Under review)

## Department of Languages :-

1. Dr. Shetkar qualified SET examination from Savitribai Fule University, Pune

## Sport Department :-

1. In this current educational year our students are going to participate at a zone and center zone level Inter collegiate tournaments in cricket, volleyball, Baseball, Softball, Athletics and many more games. On the occasion of **National sports day** our college have organized **'A' Zone Inter collegiate Volleyball Men's and Women's Tournament**. Total sixteen teams of boys and four teams of girls were participated in this tournament from various colleges.
2. Department of sports also going to organized **'A' Zone Inter collegiate Women's Cricket Tournament** on 18 & 19 November 2018.
3. In this current educational year our college is going to organize **coaching camps** of the event Softball, baseball and Women's Cricket for the students of Dayanand Education Society.
4. Our college is leading as **Chairman of 'A' Zone sports council**. Principal Dr J.S. Dargad is nominated as **Chairman** of this council and also nominated as member of Board of sports and culture S R T M University Nanded.
5. Dr Mahesh Bembade H.O.D. department of sports is nominated as **Secretary** of this council and also nominated as member of Board of sports and culture S R T M University Nanded.)

# Strategies of Curricular Reforms

**CBCS Pattern** already exist in the college. As per the guidelines of University college offers many elective subjects along with the core subject to the students

1. Core Course 2. Elective Course: •Discipline specific elective Course •Generic Elective •Project 3. Ability Enhancement Courses: •Ability Enhancement Compulsory Courses •Skill Enhancement Courses (Theory & Practical's), NPTEL online courses, Subject Selection by the student, Timetable Generation, Reports and Analytics

**Workshops/Seminars:** College regularly organizes University level curriculum design based workshops in various subjects. Many Faculties are BOS members so as per the college demand frames the curriculum as per the wish.

**Interdisciplinary Approach:** UGC Sanctioned B.Voc. Courses are interdisciplinary i) Mobile Communication Technology ii) Animation & Multimedia and all UGC – COC Certificate courses are interdisciplinary. In future the add on courses related to ICT are incorporated with the basic core subjects. There are interdisciplinary projects between various streams of life sci. and Physics & Chemistry subjects. In future Comp Sci related courses will be attached with the main stream program under skill development program. **Project based learning:** UG & PG final year students have made compulsory 1 practical paper on mini project. Yet now no major project is included in the curriculum. Suggestions are given to University to start Science PG program in Major project with dissertation. It will be implemented soon. **PhD Course Work:** SRTMUN given center to conduct PhD Course work to the college.

# Evaluation Reforms

**Reforms: Details on the major evaluation reforms of the university that the institution has been adopted and the reforms initiated by the institution on its own is as follows:**

- ❖ **Orientation on Evaluation Process in the beginning of the academic year**
- ❖ **Evaluation through Attendance, Evaluation Through Class Room Discipline**
- ❖ **Evaluation Through Subject Based Viva-Voce, Assignments**
- ❖ **Model Preparatory Examination**
- ❖ **Major Thrust given to Inspire SHE qualified students (45 students)**
- ❖ **Institutional effort to avoid Malpractice**
- ❖ **Introduction of University Type Answer Booklets**
- ❖ **MCQ Assessment Software available with the college**
- ❖ **Result Analysis & Review Meeting**
- ❖ **Progress Reports of each student & Parents Meetings**
- ❖ **Remedial Classes to the slow learners/fast learners**
- ❖ **External examinations of two /three hours duration**
- ❖ **Faculty Representation in the Board of Studies**
- ❖ **Offering facility to University as CAP/DCAP Centers**
- ❖ **Special appointment of PRO to look after the overall progression of student**

# Strategies in improvement in campus placements

- ❖ Appointment of Training and Placement Officer
- ❖ Professional Looking Website with students specifications
- ❖ Prep up the English Communication Skills in the Students, Work on Interview preparation tips, Safeguard against common interview mistakes, Group discussion, Technical round etc. Use of Social Media to communicate placement activity
- ❖ Aptitude written Tests, Logical Reasoning, Quantitative ability, Domain Knowledge for students, Add on Career Oriented Certificate Courses as per the basic needs for placement with tie up with Industry
- ❖ Will make our institute is known in the industry circle
- ❖ Organize events or field trips for your students to go visit the manufacturing plant.
- ❖ Liaison with Alumni: By connecting with the alumni who are in the industry and asking them to arrange on-campus placements
- ❖ By Inviting recruitment consultancies, Guest lectures of professionals from Industry
- ❖ Company-College Collaboration Platform

Training via online tests including company question papers, Excellent reporting module to monitor our student progress, Video profile to assess communication skill, Career portal having several article on campus interview tips written by industry experts, Uploading our own online test (or use ours) questions and conduct mock tests, Words a day; helping our students to improve vocabulary, Video training

Some of our Placements: Wipro -12, TCS – 24, Cognigent Tech – 12, Advent – 6, Infosys – 16, CIPLA – 12, Balaji amines – 15, HOCL – 6, Biocon – 4, Tinna Oil – 7,

# Community outreach programme

- 1. Social activities to the community are provided Viz. through NSS, NCC, Gandhian Study Center in Future priority will be provided**
- 2. Dept of Botany offers Soil testing for farmers, Dept of Micro Water testing, Dept of Zool & Fish Science conducts workshops for farmers on fish farming & aquaculture, Vermin composting, for farmers regularly**
- 3. Always College students work as volunteers works for Civil hospitals, Municipal corporation, State Govt. agencies under various camps, Pulse polio irradiation, superstisons irradiation, Anti Tobacco awareness, Special camping programme fro villagers etc.**
- 4. Dept. of Computer Science runs free of cost Computer literacy program for poor students of general community.**
- 5. College has collaboration with Petroleum Ministry for organization of Energy Management Workshop. Organized 5 workshops for community.**
- 6. Yoga, Meditation and Thought provoking activities in collaboration with Art of Living. Yuwati Kalyan Manadl will undertake awareness effective implementation of recently launched Swachch Bharat Abhiyan**
- 7. Other Community services like Slum area adaptation, number of community service projects in future and encourage the students to actively participate in these activities like awareness about environmental conservation, create awareness about health and hygiene and also literacy in poor locality.**



# Academic Outcomes

- 1. Laboratory equipment's enrichments has enhanced more experiments and practical's handled by students and more practical knowledge.**
- 2. Enhancement of Computers in various departments and Computer center has been useful for different online exams like NPTEL and ICT based training programmes for students.**
- 3. Research based major equipment's enhanced the research activities among students, teachers, enhancement in publications, Projects of curriculum**
- 4. Innovation & Incubation center will be created for various research & development activities in collaboration with different Scientific Institutes.**
- 5. Our college is a leader in University toppers, it will be continued due to enrichment in academic activities. NET/SET Coaching cell 12 qualified.**
- 6. Our top priority is to develop skills, habits, knowledge, aptitudes, orientation and minimum efficiency among the students required for their immediate gainful employment after the completion of the course without additional and expensive re-training.**
- 7. We used to organize Inspire Science Camp, Vigyan Munch Camps, Awishkar Research festival to motivate young scholar students to undertake research as their personal career for strengthening Science & Tech of our nation. Better out comes in the coming years. Mentors From diff. Scientific Institutes.**
- 8. Better performances in Co-curricular activities like Youth Festival, Sports, NCC, NSS and extension activities.**

**Gold – 8 Silver - 4 Bronze - 2  
Total - 14**

## Achievements in Team Event:-

<b>Sr.No.</b>	<b>Discipline</b>	<b>Level of the Tournament</b>	<b>Position</b>	<b>Year</b>
<b>1</b>	<b>Cricket (Men)</b>	‘A’ Zone	Winner	2015-16
<b>2</b>	<b>Cricket (Men)</b>	Inter Zone	Runners up	2015-16
<b>3</b>	<b>Badminton (Men)</b>	‘A’ Zone	Runners up	2015-16
<b>4</b>	<b>Cricket (Men)</b>	‘A’ Zone	Winner	2016-17
<b>5</b>	<b>Badminton (Men)</b>	‘A’ Zone	Winner	2016-17
<b>6</b>	<b>Badminton (Women)</b>	‘A’ Zone	Winner	2016-17
<b>7</b>	<b>Cricket (Women)</b>	‘A’ Zone	Winner	2017-18
<b>8</b>	<b>Badminton (Women)</b>	‘A’ Zone	Winner	2017-18
<b>9</b>	<b>Badminton (Men)</b>	‘A’ Zone	Runners up	2017-18
<b>10</b>	<b>Cricket (Men)</b>	‘A’ Zone	Third place	2017-18
<b>11</b>	<b>Badminton (Men)</b>	‘A’ Zone	Winner	2018-19
<b>12</b>	<b>Badminton (Women)</b>	‘A’ Zone	Runner	2018-19
<b>13</b>	<b>Cricket (Men)</b>	‘A’ Zone	Winner	2018-19
<b>14</b>	<b>Softball (Men)</b>	Central Zone	Third place	2018-19

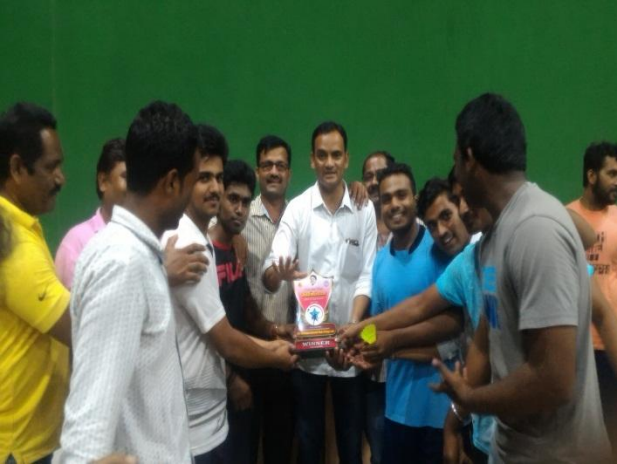
## Organized Event:-

<b>Sr.No.</b>	<b>Discipline</b>	<b>Tournament/Coaching camp</b>	<b>Team/Level</b>	<b>Year</b>
1	Volleyball (M&W)	Tournament	A zone	2015-16
2	Cricket (Men)	Tournament	Inter zone	2015-16
3	Baseball (Men)	Coaching camp	University team	2015-16
4	Softball (Men)	Coaching camp	University team	2015-16
5	Cricket (men)	Coaching camp	A zone team	2016-17
6	<b>Badminton (Men)</b>	<b>Tournament</b>	<b>West zone Inter University Tourn</b>	<b>2016 - 17</b>
7	Table-Tennis (M&W)	Tournament	A zone	2017-18
8	Badminton (M&W)	Tournament	A zone	2017-18
9	Table-Tennis (M&W)	Tournament	Inter zone	2017-18
10	Badminton (M&W)	Tournament	Inter zone	2017-18
11	Cricket (men)	Coaching camp	University team	2017-18
12	Cricket (Women)	Coaching camp	University team	2017-18
13	Volleyball (M&W)	Tournament	A zone	2018-19
14	Table Tennis (M&W)	Coaching camp	A zone team	2018-19
15	Badminton (M&W)	Coaching camp	A zone team	2018-19
16	Cricket (Women)	Tournament	A zone	2018-19

Gold – 2 Silver - 1 Bronze - 0  
Total - 03

## Achievements in Individual Event:-

Sr.No.	Name of the player	Discipline	Level of the Tournament	Position
1	JambhleSaurabhGovind	Hammer Throw	‘A’ Zone	Second
2	PhutaneAjitkumarPralahd	Boxing	central zone	First
3	ChavanPoonamKrishnaji	Discus Throw	‘A’ Zone	First



# West Zone Badminton Tournaments (5 States)



**2018 'A' Zone Inter College Cricket (men's) Winner team**



**2018 'A' Zone Inter College Badminton men's Winner , Women's Runner up.**



**2018 Center Zone Inter College Softball (men's) III**



**2017 'A' zone Inter College Badminton (M&W) Tournament**



**2017 Inter zone Inter College Badminton (M&W) Tournament.**



**2018 'A' zone Inter College Volleyball (M&W) Tournament**



**2018 'A' zone Inter College Volleyball (M&W) Tournament**



**2018 'A' zone Inter College Volleyball (M&W) Tournament**



**2018 'A' zone Inter College Volleyball (M&W) Tournament**



**'A' Zone Inter College Cricket (men's) Winner..**



**A Zone Inter College Cricket (men's) Runners Up**



**A' Zone Inter College Badminton Runner up**



**2016 'A' Zone Inter College Badminton (women's) Winner.**



**2017 'A' Zone Inter College Cricket (women's) Winner.**



**2017 'A' Zone Inter College Badminton (Women's) Winner, (men's) Runners up**



**A zone Inter College Volleyball (M&W) Tournament**



**2018 'A' Zone Inter College Badminton (women's) Runners up**



**2017 Inter zone Inter College Table Tennis (M&W) Tournament**



# YOUTH FESTIVAL (2016-18)

## 2016-2017: 2 Medals

- ❁ 1. 2nd Prize - Singing Competition Students Name: Sneha Sakhare,,
- ❁ 2. 2nd Prize – Mime (Muk Abhinay) Competition

Students Name: Ravina Thakre, Deksha Dhaware, Rushikesh Jadhav, Rajan Baptane, Nishad Bhute, Shrishraytha shau and Darshan Waghmare.

## 2017-2018: 4 Medals

- ❁ 1. 2<sup>nd</sup> Prize – elocution Competition - Apkesha Chakote
- ❁ 2. 2<sup>nd</sup> Prize – Singing Competition - Kanchan Tidole
- ❁ 3. 3<sup>rd</sup> Prize – Mimikri Competition - Sumit Hasale.
- ❁ 4. 3<sup>rd</sup> Prize – Dance Competition -

Students Name: Sumit Hasale, Rushikesh Jadhav, Rajan Baptane, Nishad Bhute, Akshay Kharade, Aboli Bedagnur, Swapnali Khatile, Nikita Vaidya, Jyoti Khole, Kanchan Tidole.

## 2018-2019: 5 Medals

- ❁ 1. 1<sup>st</sup> Prize – elocution Competition -Vidhi Palsapure
- ❁ 2. 2<sup>nd</sup> Prize – Mimikri Competition - Sumit Hasale.
- ❁ 3. 3<sup>rd</sup> Prize – Drama (Actress) – Neha Dhage
- ❁ 4. 3<sup>rd</sup> Prize – Photography – Akshay Kharade.
- ❁ 5. 3<sup>rd</sup> Prize – Dance Competition -

Students Name: Swapnali Khatile, Vidhi Palsapure, Kshemaswini Kulkarni, Priti Kulkarni, Neha Dhage, Anjali Nijwante, Varsha Dongare, Namrata Deshmukh.



# Youth Festival - 2016-17



# Youth Festival 2017-2018



# Youth Festival 017-2018



लतूर, ता. १८ (बातमीदार) : येथील दयानंद विज्ञान महाविद्यालयात ऊर्जा व्यवस्थापन या विषयावर एकदिवसीय चर्चासत्र घेण्यात आले. अध्यक्षस्थानी प्राचार्य डॉ. जयप्रकाश दरगड, तर प्रमुख पाहुणे म्हणून पेट्रोलियम मंत्रालयाद्वारा प्रमाणित ऊर्जा ऑडिटर केदार खमितकर हे होते. कार्यलयीन अमीषक सुधीर तिवारी यांचीही उपस्थिती होती.

ऊर्जा आणि ऊर्जेच्या स्रोतांचे संवर्धन करणे ही काळाची गरज आहे. याचबरोबर त्यांनी वीज संवर्धनाच्या उकृष्ट पध्ती, घरगुती ऊर्जेचे व्यवस्थापन आणि इन वनवतीसाठी वाहन चालविण्याच्या उकृष्ट पध्ती यावर श्री. खमितकर यांनी मार्गदर्शन केले. ऊर्जा व्यवस्थापनाच्या माध्यमातून मानवी विकासाबरोबर देशाचीही उन्नती साधता येते. त्यासाठी सर्वांनी ऊर्जा बचतीसाठी सर्वतोपरी प्रयत्न केले पाहिजेत, असे श्री. दरगड म्हणाले. या प्रसंगी पेट्रोलियम मंत्रालयाच्या ऊर्जा व्यवस्थापन या माहिती पुस्तिकेचे प्रकाशन करण्यात आले. प्रास्ताविक व सूत्रसंचालन डॉ. चंद्रशेखर स्वामी यांनी केले. प्रा. मेघा पंडित यांनी आभार मानले. या वेळी डॉ. ए.ए. बेळ्हाळे, प्रा. शिवाजी चौगुले, डॉ. विजेंद्र चौधरी, डॉ. नंदीनी कोरडे, डॉ. जमन अंगुलवार, प्रा. मंगळनाथ मोटे, प्रा. राहुल जाधव, डॉ. गजानन बने, प्रा. श्रीयश माहूकर, श्री. मोहसीन शेख आदी उपस्थित होते.



लतूर : दयानंद विज्ञान महाविद्यालयात आयोजित कार्यक्रमात पेट्रोलियम मंत्रालयाच्या माहिती पुस्तिकेचे प्रकाशन झाले. या वेळी डॉ. जयप्रकाश दरगड, केदार खमितकर, चंद्रशेखर स्वामी, सुधीर तिवारी.

‘दयानंद’ हेदीप्यमान : वैभव दराडे ६३५ गुण घेऊन प्रथम



दयानंद विज्ञान महाविद्यालयाने 'नॅट'च्या परीक्षेत उत्तीर्ण झालेल्या विद्यार्थी यांचा कार्यक्रम ठरविला आहे. यातून प्रथम क्रमांक मिळविलेला आहे. यावेळी ज्येष्ठ अधीक्षक वीरूपाक्ष जी ६३५ गुण मिळविले होते. यातून प्रथम क्रमांक मिळविलेला आहे. यावेळी ज्येष्ठ अधीक्षक वीरूपाक्ष जी ६३५ गुण मिळविले होते. यातून प्रथम क्रमांक मिळविलेला आहे.

दयानंद विज्ञान महाविद्यालयातून ६६० विद्यार्थी 'नॅट'च्या परीक्षेत उत्तीर्ण झाले होते. त्यापैकी ७७ विद्यार्थ्यांनी ६०० पेक्षा अधिक गुण घेतले आहेत. तर ३५० पेक्षा अधिक गुण घेणाऱ्या विद्यार्थ्यांची संख्या १५० जण तर आहे. दयानंद विज्ञान महाविद्यालयाला ७७० ते ८०० विद्यार्थ्यांनी नामांकित शालेय व वैयक्तिक महाविद्यालयात प्रवेश मिळवण्याची हमणवता आहे. यातून प्रथम क्रमांक मिळविलेला आहे. यावेळी ज्येष्ठ अधीक्षक वीरूपाक्ष जी ६३५ गुण मिळविले होते. यातून प्रथम क्रमांक मिळविलेला आहे.

वेवारी निवड

असासिद्धान्त्ये वनीने अगोचरित प्रवेष्टनी ६८ ज्येष्ठ गणितकारिता जलार सुवर्णवती वनी सांगितले.

दयानंद विज्ञान महाविद्यालयाच्या कमीत कमी ७७ विद्यार्थ्यांनी वेवारी निवड परीक्षेत उत्तीर्ण झाले आहेत. यातून प्रथम क्रमांक मिळविलेला आहे. यावेळी ज्येष्ठ अधीक्षक वीरूपाक्ष जी ६३५ गुण मिळविले होते. यातून प्रथम क्रमांक मिळविलेला आहे.

ऊर्जेच्या स्रोतांचे संवर्धन करा

ऊर्जा ऑडिटर केदार खमितकर यांचे प्रतिपादन दयानंद विज्ञान महाविद्यालयात ऊर्जा व्यवस्थापन विषयावर चर्चासत्र



लतूर (प्रतिनिधी) : ऊर्जा आणि ऊर्जेच्या स्रोतांचे संवर्धन करणे ही काळाची गरज आहे. याचबरोबर त्यांनी वीज संवर्धनाच्या उकृष्ट पध्ती, घरगुती ऊर्जेचे व्यवस्थापन आणि इन वनवतीसाठी वाहन चालविण्याच्या उकृष्ट पध्ती यावर श्री. खमितकर यांनी मार्गदर्शन केले. ऊर्जा व्यवस्थापनाच्या माध्यमातून मानवी विकासाबरोबर देशाचीही उन्नती साधता येते. त्यासाठी सर्वांनी ऊर्जा बचतीसाठी सर्वतोपरी प्रयत्न केले पाहिजेत, असे श्री. दरगड म्हणाले.

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उच्च शिक्षणात संशोधनासाठी उल्लेख नाही

या अर्थसंकल्पात युवक-युवतींसाठी प्रशिक्षक कौशल्याची सहा विद्यापीठे स्थापन करण्याची घोषणा करण्यात आली.स्पर्धा परीक्षा देणाऱ्या विद्यार्थ्यांसाठी प्रत्येक जिल्हाच्या ठिकाणी मागदर्शन केंद्र स्थापन करण्याची घोषणा केली त्यासाठी ५० कोटीची तरतूद केलेली आहे. राज्यातील शाळा, आंतरराष्ट्रीय शैक्षणिक मानांकन प्राप्त करणाऱ्या १०० शाळा निर्माण करण्याची घोषणा केलेली आहे. यासाठी आंतरराष्ट्रीय शिक्षण मंडळाची स्थापना करणार असल्याची घोषणा केली. राज्याच्या उच्च शिक्षणात संशोधनासाठी भरीव तरतूद होईल अशी अपेक्षा होती परंतु उच्च शिक्षणासाठीचा निधीचा साधा उल्लेखही करण्यात आलेला नाही अशी प्रतिक्रिया दयानंद विज्ञान महाविद्यालयाचे प्राचार्य जयप्रकाश दरगड यांनी एकमतशी बोलतांना दिली.

सॅट्रीय शेतीला जागतिक बाजारपेठ मिळाली पाहिजे : डॉ.बेळ्हाळे

लतूर : येथील दयानंद विज्ञान महाविद्यालयात सॅट्रीय शेती उपपदनचे अंतर्गतविषयक महत्त्व वा विषयावर एकदिवसीय वर्तमानाचे अंतर्गत कार्यक्रम आयोजित झाले होते. या कार्यशाळेत श्री. संजय रोयन, संचालक सॉल्ट विकास समिती, अकोला व डॉ.बी.पी. सुर्वेगी, श्री. ए.ए. जाधव, श्री. रमेश चिड्रे आदी तज्ञ व्यक्तींचे मार्गदर्शन झाले. या कार्यशाळेत डॉ. बेळ्हाळे यांनी 'सॅट्रीय शेती' या विषयावर सैमीक लेखन करून देऊन, या कार्यशाळेची सुरुवात केली. या कार्यशाळेची सुरुवात लतूर जिल्हातील विविध शेतकरी-वनी सॅट्रीय शेती करण्यात येईल अशा निमित्ताने डॉ. बेळ्हाळे यांनी सुरुवात केली. या कार्यशाळेची सुरुवात लतूर जिल्हातील विविध शेतकरी-वनी सॅट्रीय शेती करण्यात येईल अशा निमित्ताने डॉ. बेळ्हाळे यांनी सुरुवात केली. या कार्यशाळेची सुरुवात लतूर जिल्हातील विविध शेतकरी-वनी सॅट्रीय शेती करण्यात येईल अशा निमित्ताने डॉ. बेळ्हाळे यांनी सुरुवात केली.



शेतीविषयक कार्यशाळेतील मार्गदर्शनचा वाचपट्टी विचारता. त्यावेळी डॉ. बेळ्हाळे यांनी सॅट्रीय शेती उपपदनचे महत्त्व वा विषयावर एकदिवसीय वर्तमानाचे अंतर्गत कार्यक्रम आयोजित झाले होते. या कार्यशाळेत डॉ. बेळ्हाळे यांनी 'सॅट्रीय शेती' या विषयावर सैमीक लेखन करून देऊन, या कार्यशाळेची सुरुवात केली. या कार्यशाळेची सुरुवात लतूर जिल्हातील विविध शेतकरी-वनी सॅट्रीय शेती करण्यात येईल अशा निमित्ताने डॉ. बेळ्हाळे यांनी सुरुवात केली.

**लातूर (प्रतिनिधी) :** दयानंद विज्ञान महाविद्यालयाचे प्राचार्य व संशोधक डॉ. जयप्रकाश दरगड यांचे दुबई येथील जागतिक 'संशोधन आणि विकासीय सेवा' या ख्यातनाम आंतरराष्ट्रीय वैज्ञानिक संशोधनाच्या माध्यमाने आयोजित आंतरराष्ट्रीय परिषदेमध्ये 'डायुलेटेड मॅनेटिक सेमिकंडक्टर जटिलरी थीन फिल्मस' या विषयावर शोधनिबंध सादर करण्यात आला. या परिषदेच्या एका सत्राचे अध्यक्षपद भूषविण्याचा सन्मानही मिळाला होता.

दुबई येथे दि. २० व २१ फेब्रुवारी

या कालावधीत आयोजित जागतिक पातळीवरील परिषदेमध्ये एकूण ३८ देशांच्या नामवंत वैज्ञानिकांनी सहभाग नोंदविला होता. या आंतरराष्ट्रीय स्तरावरील ख्यातनाम संशोधन संस्थेच्या परिषदेत संशोधन सादर करण्यासाठी निर्मात्रित करणे हा मोठा बहुमान समजला जातो. प्राचार्य डॉ. जयप्रकाश दरगड यांचे राष्ट्रीय व आंतरराष्ट्रीय स्तरावरील संशोधन नियतकालिकांमध्ये



आतापर्यंत एकूण ५२ शोधनिबंध प्रकाशित झाले असून या पूर्वीही मुंबई, कानपूर, दिल्ली, चेन्नई, स्विट्झर्लंड, मलेशिया येथील आंतरराष्ट्रीय संशोधन परिषदेमध्ये शोधनिबंध सादर केले आहेत. त्यांच्या या यशासाठी 'दयानंद'चे अध्यक्ष लक्ष्मीरमण लाहोटी, उपाध्यक्ष अरविंद सोनवणे, सचिव रमेश बियाणी, संयुक्त सचिव सुरेश जैन, प्रशासकीय अधिकारी दासराव सूर्यवंशी, उपप्राचार्य डॉ. एस. एस. बेळगाळे, डॉ. डी. टी. जगताप,

सुधीर तिवारी, डॉ. ललित ठाकरे, प्रा. युवराज सारणीकर, प्रा. एन. एस. कोरडे, प्रा. चौगुले, प्रा. पंडित, प्रा. बने, प्रा. मासुमदार, प्रा. डॉ. चंद्रशेखर स्वामी, प्रा. डॉ. रवींद्र सोळुंके, प्रा. डॉ. महेश बेंबडे, प्रा. डॉ. राहुल मोरे, प्रा. किरण भिसे, प्रा. शिवाजी आळणे, प्रा. डॉ. शाम इबात्ते, प्रा. डॉ. जमन अंगुलवार, प्रा. डॉ. रत्ना कीर्तने, प्रा. डॉ. विजेंद्र चौधरी, प्रा. व्ही. डी. गायकवाड, प्रा. विश्वनाथ मोटे, प्रा. राहुल जाधव, प्रा. डॉ. श्रेयश माहूरकर, प्रा. डॉ. रामशेठ शेटकार, प्रा. रवींद्र शिंदे आदींनी अभिनंदन केले.

**सौरऊर्जेच्या संदर्भाने संशोधन महत्त्वाचे**  
सौरऊर्जा निर्मितीसाठी उपयोगात आणले जाणारे विविध धातू व कम्पोजिट मटेरियल्स यावर त्यांचे संशोधन कार्य सुरु आहे. या मटेरियल्सच्या प्रक्रियेसाठी त्यांनी नवीन प्रणाली विकसित केली. या संशोधन केलेल्या प्रणालीचाही संदर्भ जागतिक स्तरावरील विविध शास्त्रज्ञांनी घेतला आहे.

## जीवनाच्या यशस्वीतेचा खरा मूलमंत्र परिश्रमच

दयानंद विज्ञान वार्षिक स्नेहसंमेलनाच्या समारोप प्रसंगी जी.श्रीकांत

लातूर :

येथील दयानंद विज्ञान महाविद्यालयाच्या वार्षिक स्नेहसंमेलनाचा समारोप प्रमुख पाहणे मा जी श्रीकांत जिल्हाधिकारी लातूर यांच्या उपस्थितीत झाला. या कार्यक्रम प्रसंगी मंचावर महाविद्यालयाचे प्राचार्य डॉ. जयप्रकाश दरगड, उपप्राचार्य डॉ एस एस बेळगाळे, प्रशासकीय अधिकारी दासराव सूर्यवंशी, कनिष्ठ महाविद्यालयाचे उपप्राचार्य डॉ डी टी जगताप, संचालक इंगळे, श्रीकांत उतगे, हेरिक्लिशन मालू, विद्यार्थी परिषद प्रमुख डॉ. आण्णाराव चौगुले, साहित्य आणि सांस्कृतिक मंडळाच्या प्रभारी प्रा मेघा पंडित, विद्यार्थी परिषद सचिव महेश पवार, प्रा ए व्ही भोसले, कार्यालयीन अधिकारक सुधीर तिवारी, प्रा शशिकांत कदम, कु अपेक्षा चाकोते, कु स्नेहा रोही उपस्थित होते.

या वार्षिक स्नेहसंमेलनाच्या समारोप प्रसंगी मा जी श्रीकांत असे म्हणाले की, जीवनाच्या यशस्वीतेचा खरा मूलमंत्र अथक परिश्रमच आहे. ते स्वतःच्या हिमतीवरच मिळवले पाहिजे. यासाठी त्यांना स्वतः चे उदाहरण देत व आई-वडीलांच्या अथक परिश्रमाचा आढावा घेत शिक्षणाच्या जोरावर यशाचे शिखर गाठले पहीजे. विद्यार्थी दशेतेच योग्य अभ्यास करून स्पर्धा परिक्षेच्या माध्यमातून जीवनाला कलाटणी दिली पाहिजे. चांगले मित्र कम विण्या बरोबर आई-वडीलांचा, गुरुजनांचा आदर केला पाहिजे.



प्रामाणिकपणा, जिद्द, आत्मविश्वास मनाशी बाळगला पाहिजे असे अनमोल मार्गदर्शन वार्षिक स्नेहसंमेलनाच्या समारोपाच्या निमित्ताने केले.

या कार्यक्रमप्रसंगी कु. विधि पळसापूरे यांनी साहित्य आणि सांस्कृतिक मंडळाच्या वार्षिक अहवालाचे वाचन केले. युवक महोत्सव, राष्ट्रीय सेवा योजना, एन. सी. सी., साहित्य व सांस्कृतिक मंडळाच्या वतीने घेण्यात आलेल्या विविध स्पर्धेतील गुणवंत विद्यार्थ्यांना प्रमुख पाहण्याच्या हस्ते प्रमाणपत्र व बक्षिस

वितरण करण्यात आले सुनसंचलन कु पूजा माने व आभार प्रदर्शन अभिजीत कसपटे यांनी मानले. या कार्यक्रमाच्या यशस्वीतेसाठी डॉ आण्णाराव चौगुले, डॉ एम. ए. बेंबडे, डॉ. एन. एस. कोरडे, प्रा मेघा पंडित, डॉ गजानन बने, डॉ स्वामी, डॉ ठाकरे, डॉ सोळुंके, डॉ अंगुलवार, डॉ रामशेठ शेटकार, प्रा सारणीकर, डॉ एस.एन इबाते, प्रा एस के आळणे, श्री भिसे, प्रा शिंदे, प्रा गायकवाड, डॉ मोटे, प्रा जाधव, डॉ एस एस माहूरकर आदि प्राध्यापक कर्मचारी यांचे सहकार्य लाभले.

## लोकमत

## नवयुवक राष्ट्राची शक्ती 'दयानंद'चे स्नेहसंमेलन : कवी निहलानी

लोकमत न्यूज नेटवर्क

लातूर : आजचे युग हे नवयुवकांचे आहे. हा युवकच राष्ट्राची सर्वोत्तम शक्ती आहे. त्यामुळे युवकांनी आत्मविश्वास, जिद्द, मेहनत आणि निर्णय क्षमतेच्या जोरावर देशाला महासत्ता बनवावे, असे मत प्रसिद्ध हास्य कवी प्रकाश निहलानी यांनी येथे व्यक्त केले.

दयानंद

महाविद्यालयाच्या वार्षिक स्नेहसंमेलनाचे उद्घाटन शुक्रवारी झाले. यावेळी ते बोलत होते. मंचावर प्राचार्य डॉ. जयप्रकाश दरगड, प्रशासकीय अधिकारी दासराव सूर्यवंशी, उपप्राचार्य डॉ. एस.एस. बेळगाळे, उपप्राचार्य डॉ. डी.टी. जगताप, विद्यार्थी परिषदेचे प्रमुख डॉ.

अण्णाराव चौगुले, प्रा. मेघा पंडित, विद्यार्थी परिषदेचे सचिव महेश पवार, प्रा. ए.व्ही. भोसले आदींची उपस्थिती होती. यावेळी कवी निहलानी म्हणाले, जीवन अमूल्य असून, माणसांनी जीवनात नेहमी आनंदी असले पाहिजे. स्वतःच्या व्यंगारून दुसऱ्याला हसविण्याचा प्रयत्न केला पाहिजे. यावेळी त्यांनी चिनोदी कवितांच्या माध्यमातून विद्यार्थ्यांना

विज्ञान

हास्यकल्लोळात नेले. अहवाल वाचन महेश पवार यांनी केले. विविध खेळातील गुणवंतांचा सत्कार यावेळी करण्यात आला. कार्यक्रमाच्या यशस्वीतेसाठी डॉ.गजानन बने, प्रा. युवराज सारणीकर, प्रा. डॉ. एस.एन. इबाते, डॉ. स्वामी, डॉ. ठाकरे, डॉ. सोळुंके, डॉ. अंगुलवार यांनी परिश्रम घेतले.

# विद्यार्थ्यांनी संशोधनात करिअर घडवावे

▶ डॉ. आनंद पाठक यांचे प्रतिपादन ▶ दयानंद महाविद्यालयात रसायनशास्त्र विषयाची कार्यशाळा

**लातूर (प्रतिनिधी) :** भविष्यात भारतामध्ये प्रज्ञावंत शास्त्रज्ञ निर्माण होण्यासाठी विद्यार्थ्यांनी संशोधनामध्ये आपले करिअर घडवावे, असे प्रतिपादन हैदराबाद येथील वैज्ञानिक व अॅकॅडमीचे फेलो डॉ. आनंद पाठक यांनी केले.

दयानंद विज्ञान महाविद्यालयमध्ये बेंगळुरू येथील इंडियन अॅकॅडमी ऑफ सायन्सेसच्या माध्यमाने बी. एस्सी. रसायनशास्त्र तृतीय वर्षाच्या विद्यार्थ्यांसाठी आयोजित कार्यशाळेचे उद्घाटन डॉ. पाठक यांच्या हस्ते झाले त्या वेळी ते बोलत होते. कार्यशाळेच्या अध्यक्षस्थानी प्राचार्य डॉ. जयप्रकाश दरगड होते. या प्रसंगी माजी प्राचार्य आर एच लडा समन्वयक

केंद्र सरकार चांगल्या प्रकारे पुढे सरसावले आहे. यामुळे भारतातील विज्ञान व तंत्रज्ञानाच्या विकासामध्ये विद्यार्थ्यांचे कार्य महत्त्वाचे ठरेल, असे सांगून डॉ. पाठक म्हणाले की, महाविद्यालयातील विद्यार्थ्यांमध्ये रसायनशास्त्र विषयातील अतिमुश्किल ज्ञान विकसित झाले पाहिजे व विज्ञानातील नवनवीन संकल्पना विद्यार्थ्यांना अवगत झाल्या पाहिजेत या दृष्टिकोनातून इंडियन अॅकॅडमी ऑफ सायन्सेस, बेंगळुरूतर्फे अशा प्रकारच्या कार्यशाळा महाविद्यालय स्तरावर आयोजित केल्या जातात, असे ते म्हणाले.

अध्यक्षीय समारोपात प्राचार्य डॉ. दरगड यांनी या कार्यशाळेची उद्घाटन

इंडियन अॅकॅडमी ऑफ सायन्सेस, बेंगळुरू, विद्यापीठ अनुदान आयोग, सी. एस. आय. आर. च्या माध्यमाने विज्ञान मंच, इन्स्पायर सायन्स कॅम्प, फ्रेशर कोर्सेस, मोटीव्हेशन ब्रिज कोर्सेस, लेक्चर वर्कशॉप, सेमिनार, कॉन्फरन्सेस आदी आयोजन करून एक नवीन दयानंद विज्ञानचा पॅटर्न सुरू केल्याने महाविद्यालयाची आगळी वेगळी ओळख निर्माण झाल्याचे त्यांनी नमूद केले.

या कार्यशाळेमध्ये दयानंद विज्ञान महाविद्यालय, राजर्षी शाहू महाविद्यालय, बसवेश्वर महाविद्यालय, योगेश्वरी महाविद्यालय, अंबाजोगाई, उदयगिरी महाविद्यालय, उदगीर, आझाद कुमारस्वामी महाविद्यालय श्रीमंता येथील १५० विद्यार्थ्यांनी



दयानंद विज्ञान महाविद्यालयात  
रसायनशास्त्र विषयावर

## आजपासून तीनदिवसीय कार्यशाळा

**लातूर (प्रतिनिधी) :** दयानंद विज्ञान महाविद्यालयामध्ये बी.एस्सी. तृतीय वर्षाच्या रसायनशास्त्र विषयाच्या विद्यार्थ्यांसाठी तीन दिवसीय कार्यशाळा आयोजित करण्यात आलेली आहे. या कार्यशाळेचे उद्घाटन दि. ६ जानेवारी रोजी महाविद्यालयाच्या सेमिनार हॉलमध्ये सकाळी ९ वाजता आयोजित करण्यात आली आहे.

बेंगलोर येथील इंडियन अॅकॅडमी ऑफ सायन्सेस व दयानंद विज्ञान महाविद्यालय यांच्या संयुक्त विद्यमाने आयोजित या

कार्यशाळेमध्ये दयानंद विज्ञान महाविद्यालय, बसवेश्वर महाविद्यालय, अंबाजोगाई येथील योगेश्वरी महाविद्यालय, उदगीर येथील महाराष्ट्र उदयगिरी महाविद्यालय, औसा येथील कुमारस्वामी व आझाद महाविद्यालयाचे असे एकूण १५० विद्यार्थी सहभाग नोंदवणार आहेत. या कार्यशाळेमध्ये रसायनशास्त्र विषयातील नॅनोमटेरिअल्स इन केमिस्ट्री, इलेक्ट्रोकेमिस्ट्री, एनएमआर स्पेक्ट्रोस्कोपी, बायो-ऑर्गेनिक केमिस्ट्री, कोऑर्डिनेशन केमिस्ट्री, फोटोकॅटॅलीसीस,

या महत्त्वाच्या विषयावरती विविध वैज्ञानिक संस्थेमधील नामवंत शास्त्रज्ञ व अॅकॅडमीचे फेलोज यांचे विद्यार्थ्यांसाठी व्याख्याने आयोजित करण्यात आलेली आहेत. यामध्ये हैद्राबाद विद्यापीठातील प्रा. डॉ. आनंद पाठक, एनसीएल पुणे येथील प्रा. डॉ. सी. एस. गोपीनाथ, आय आय एस ई आर, पुणे येथील डॉ. ए. ए. नातू, स्वा रा ती म., नांदेड येथील प्रा. डॉ. संगीता माकोने, गोखले एज्युकेशन सोसायटी, नाशिक येथील प्रो. डॉ. विवेक बोबडे आणि ज्ञानोपासक महाविद्यालय

परभणी येथील प्रो. डॉ. भीमराव खाडे यांचे आदी विषयावरती मार्गदर्शन विद्यार्थ्यांना लाभणार आहे.

सदरील कार्यशाळेसाठी नावनोंदणीसाठी विद्यार्थ्यांनी सकाळी ८.३० वाजता उपस्थित राहावे. या कार्यशाळेच्या यशस्वितेसाठी महाविद्यालयाचे प्राचार्य डॉ. जयप्रकाश दरगड, प्रा. डॉ. एन एस कोरडे, माजी प्राचार्य रामकृष्ण लड्डा, डॉ. आनंद पाठक, डॉ. एस एस माहूरकर, विष्णू नाईकवाडे आदी प्रयत्नशील आहेत.







✿ UNIT ESTABLISHED	:	1971.
✿ UNIT SANCTIONED	:	01 PLATOON.
✿ AFFILIATED TO	:	53 MAH BN NCC, LATUR.
✿ AUTHORISED STRENGTH :		53 CADETS.
✿ NCC OFFICER	:	DR. VIJENDRA A. CHAUDHARI.
✿ DATE OF COMMISSIONED	:	DIRECT COMMISSIONED. 05 AUGUST – 2011.
✿ REGIMENTAL NUMBERS	:	187455 TO 187509.
✿ DURATION OF NCC	:	THREE YEARS.
✿ ENROLMENT OF CADETS	:	B.Sc. STUDENTS.



- **INDEPENDENCE DAY**
- **PARADE AT PURANMAL LAHOTI POLYTECHNIC COLLEGE**
- **MARATHWADA MUKTI SANGRAM DIN & SRTM UNIVERSITY FOUNDATION DAY**
- **REPUBLIC DAY**
- **MAHARASHTRA DIN**
- **TREE PLANTATION PROGRAMME**
- **SHIV CHATRAPATI PURSKAR VITRAN PROGRAMME**
- **SHREE GANESH UTSHAV BANDOBAST**
- **DISASTER MANAGEMENT PROGRAMS**
- **PULSE POLIO DRIVE**
- **SHREE GANESH UTSHAV BANDOBAST**
- **TREE PLANTATION & CLEANLINESS DRIVE**
- **NCC & NSS ANTI CORRUPTION RALLY**
- **BLOOD DONATION CAMP**
- **MARATHON RALLY**
- **PROTEST RALLY FOR ANTI-SUPERSTITION ACTIVIST**
- **'SAY NO PLASTIC CARRY BAG' RALLY**
- **DISASTER MANAGEMENT PROGRAMS**
- **HEALTH CHECK-UP CAMP**
- **RAISING DAY RALLY**
- **CYCLE DAY RALLY**
- **INDIAN STUDENT PARLIAMENT PARTICIPATION**

# NCC 2017-18

Enrolled 53 students in NCC.

Selected NCC Representative: SUO Shamsundar L. Murkute

- CAMP ATTENDED:**
- 1) ATC Camp at Nanded – 05 Cadets was participated.
  - 2) ATC Camp at Babhalgaon – 20 Cadets was participated.
  - 3) NIC Camp at Kerala – 01 Cadets was participated
  - 4) BLC Camp at Sangli – 02 Cadets was participated.
  - 5) Army Attachment Camp at Nagar – 05 Cadets was participated.

## **SOCIAL ACHIEVEMENTS:**

- 1) Cleanness Drive
- 2) Blood Donation Camp
- 3) Health Check-up Camp
- 4) Tree Plantation
- 5) NCC Day Celebration
- 6) Yoga Day.

## **ACHIEVEMENTS:**

1. Suraj Sanap, Nishad Bhute, Vaibhav Devkate, have got Bronze Medal in Volley ball at ATC Babhalgaon.
2. Shyamsunder Murkute Mahesh Salunke, Santosh Waghmare, Abhijeet Pathade were also got Bronze Medal in Kho Kho at ATC Babhalgaon.
3. Abhange Bane has got Gold Medal in Cross Country at ATC Babhalgaon.
4. Shrihari Bane has got Bronze Medal in Cross Country at ATC Babhalgaon.
5. Sanap Suraj has selected for NIC camp at Kerala.
6. Suraj sanap and Vaibhav Devkate were also selected for Basic Leadership Camp at Sangli.
7. Amar Salunke, Vaibhav Kadere, Abhijeet Kachpate & Shafik Shaik have selected for Army Attachment Camp at Nagar.

# NCC 2016-2017



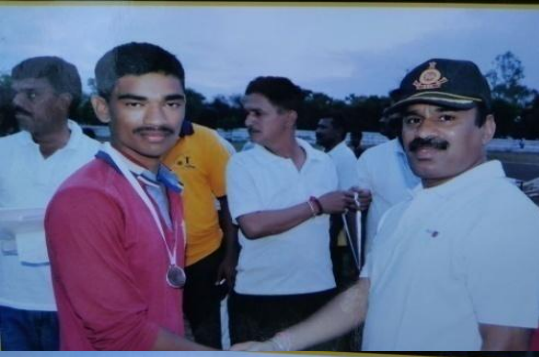
# NCC 2016-2017



# NCC 2017-2018



# NCC 2017-2018



# Students Support & Progression

Fees concession  
to needy/ Rs  
2000 for Project

Gymkhana/NSS/NCC  
/ Yuwati Kalyn  
Mandal/Students  
Council/cultural

Study  
Tour/Field  
Visit/workshop

Earn &  
Learn/Students  
Aids Fund

Health  
Center/Health  
Check up

NET/SET/Skill-  
Will Club **38**  
**qualified**

Merit Prize  
Award from the  
faculty and  
alumina to the  
students Rs  
**1,61,000**

Online  
Feedback/Feedb  
ack analysis

Students Support &  
Progression

ICT based  
teaching  
/internet

Academic calendar,  
daily diary, students  
attendance sheets

Gandhi  
Vichar  
Sanskar  
Exams.

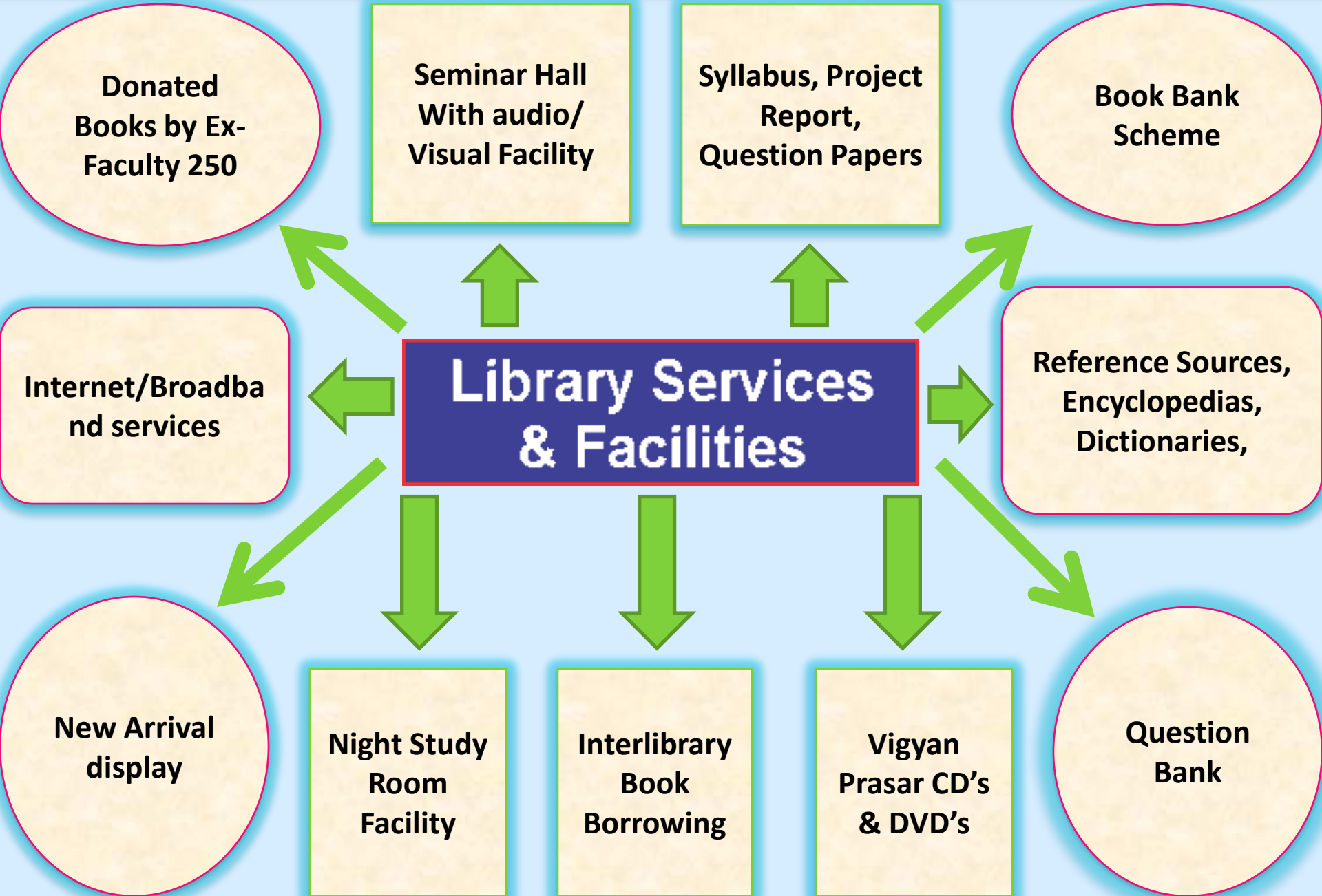
Placement &  
Career Cell



# Library Services

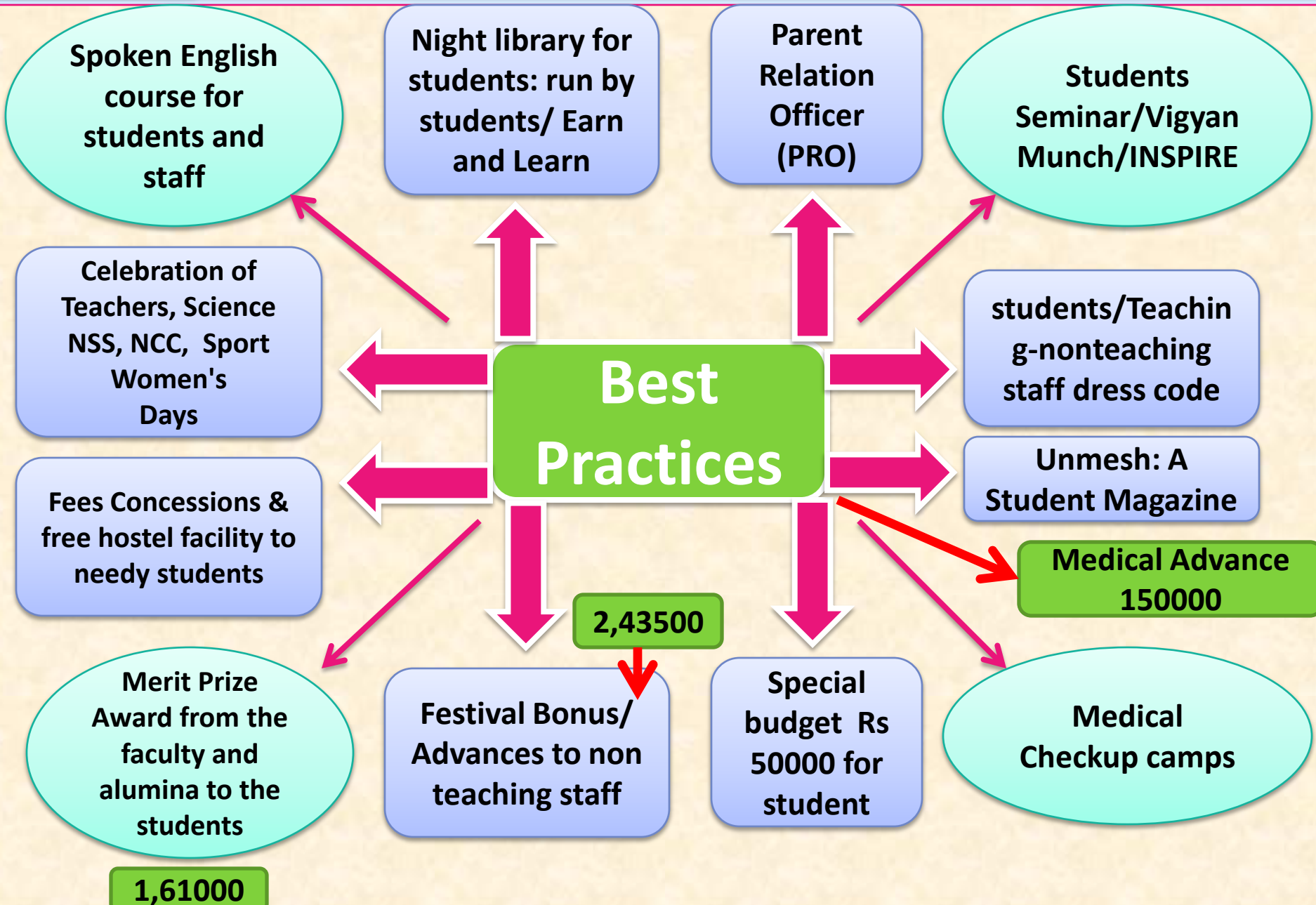


# **Library Services**





# Innovative/Welfare Practices



- ❖ **Green audit by Internal committee**
- ❖ **Botanical Garden, about 3000 plants and trees in the Campus**
- ❖ **Energy conservation, Solar heaters, LED, Solar Lights**
- ❖ **Water Harvesting**
- ❖ **Hazardous Chemical Management**
- ❖ **e-Waste Management**
- ❖ **Solid Waste Management**
- ❖ **Vermi-Composting Unit**

## National Service Scheme (NSS)

### Regular Activities

### Special Camping Programmes

	Year	Theme	Students	Village	Activities
<ul style="list-style-type: none"> <li>⊕ Blood Donation Camps</li> <li>⊕ Tree Plantation</li> <li>⊕ NSS days &amp; Week celebration</li> <li>⊕ Health Checkup Camps</li> <li>⊕ Disaster Management Camp</li> <li>⊕ Plastic eradication</li> <li>⊕ Protest Rally of Dabholakar Banish</li> <li>⊕ Swami Vivekanand Rath Yatra Welcome &amp; Function</li> <li>⊕ Anticorruption Rally</li> <li>⊕ Camus Cleanliness</li> <li>⊕ Visits to slum areas for cleaning</li> <li>⊕ Anti Tobacco Awareness</li> <li>⊕ Awareness camp of disaster management</li> </ul>	2001 6-17	Youth for the Conservation of Environmental and Natural resources	75	Chikurda, Tq. Latur, Dist. Latur	Sock Pits through Shramdan and various Prabhodan.
	2017 -18	Youth for the Conservation of Environmental and Natural resources	75	Chikurda Tq. & Dist: Latur	Sock Pits, Tree plantation through Shramdan and various Prabhodan.
	2018 -19	Youth for the Conservation of Environmental and Natural resources	75	Takali Tq. Dist. Latur	Sock Pits through Shramdan, Clinginess of the village and various Prabhodan.

# Disaster Management Camp





Special Camping Programme at Village







Tree Plantation



Blood Group Checking Camp



Blood Donation



Health Check up





Pashu Chikicha Camp



Gram Swachhata



Aids Awareness Rally



Pulse Polio Eradication



# Yuwati Kalyan Mandal/Women's Cell



- . **Start PG course in the following subjects**
  - Nano-science & Nanotechnology**  
**(Innovative Program of DST)**
  - Botany, Zoology**
- . **Research Centers in**
  - Chemistry, Zoology, Botany**
- . **To get recognition as a Star College of DBT**
  - To submit the proposal to DBT**
- . **Autonomy**
  - Proposal for getting autonomy to UGC**

# Action Plan UGC-CPE

## (Non-Recurring) Restructuring of Budget heads

Sr. No.	Budget Head	Requirement	Amount Sanctioned (Rs. Lakhs)	Amount Required (restructured)	Total (Rs.in Lakhs)
1.	<b>Lab Up gradation</b>	Lab equipment's (Experimental), Research based equipment's	15.00	27.00	<b>27.00</b>
2.	<b>Lang Lab Equipment's</b>	Lang Lab PC , Software's, Necessary Audio, Visual Equipment's	08.00	03.00	<b>03.00</b>
3.	<b>Teaching Aids</b>	Computers, Smart Boards, LCD Projectors, Charts, Models, Pictures, posters	07.00	12.00	<b>12.00</b>
4.	<b>Library Automation</b>	Computers, Necessary Software's	10.00	04.00	<b>04.00</b>
5.	<b>Computers</b>	Computers, Printers, Necessary Software's of PC	10.00	10.00	<b>10.00</b>
6.	<b>Books &amp; Journals</b>	Text Books, Reference Books, Library cupboards, Research Journals, E- Journals etc.	10.00	06.00	<b>05.00</b>
7	<b>Internet Connectivity</b>	WiFi Internet Connectivity in office, and all Departments including Campus	08.00	05.00	<b>04.00</b>
8	<b>Up gradation of class rooms/seminar hall</b>	Desks, Renovation of classroom , Seminar hall, AC & Audio Visual Aids in Classroom & Seminar Hall	12.00	17.00	<b>17.00</b>
9	<b>Any Other activities (Skill Developments)</b>	Organization of Workshop, Seminar, training programme on skill development for students and faculties	10.00	06.00	<b>05.00</b>
<b>TOTAL</b>			<b>90.00</b>	<b>90.00</b>	<b>90.00</b>

# Action Plan UGC-CPE

## (Recurring) Reallocation of Budget heads

Sr. No.	Budget Head	Requirement	Amount Sanctioned (Rs. Lakhs)	Amount Required (restructured)	Total (Rs.in Lakhs)
1.	Lab Consumables	Chemicals, Glassware's, Electronic Components,	15.00	20.00	<b>20.00</b>
2.	Software's	Licensed operating systems, Softwers of Research, Mat lab for Maths, other essential software's of Com. Sci., College Management System software	10.00	09.00	<b>09.00</b>
3.	Internet Services	Bills of Internet, broadband, AMC of In ternate	10.00	08.00	<b>08.00</b>
4.	Maintenance of Equipments	Maintenance all departmental lab equipments, Computers, accessories, AMC	10.00	10.00	<b>10.00</b>
5.	Enrichment of Teachers	Organization of Conferences / seminars/ workshops/training programmes for teachers	10.00	07.00	<b>07.00</b>
6.	Any other Activities (Sports Coaching, NSS, NCC, Cultural, Travel for Students)	Coaching for badminton, yoga, cricket, other sport games, NSS, NCC, Cultural, Travel expenditure to participate in conferences/seminars/workshops for students	05.00	06.00	<b>06.00</b>
<b>TOTAL</b>			<b>60.00</b>	<b>60.00</b>	<b>60.00</b>

# Action Plan UGC-CPE (June 2017- Oct 2018)

## Capital Asset 35 (Non-Recurring)

Sr No	Budget Heads	Amount (Rs in Lakhs)	Utilized Grants	Justifications
1	Lab Up gradation	15.00	1291503.01	Purchase of Lab Equipments for UG Chemistry & Microbiology Lab
2	Language Lab Equipment's	08.00	117745.00	Purchase of 1 Computer for Lang Lab
3	Teaching Aids	07.00	0.00	--
4	Library Automation	10.00	0.00	--
5	Computers	10.00	752749.86	Purchase of 15 Computers, 1 Laptop for Dept of Computer Science
6	Books & Journals	10.00	92484.00	Purchase of Books & Journals in the Library for all departments
7	Internet Connectivity	08.00	0.00	--
8	Up gradation of Class Rooms /Seminar Hall	12.00	1133596.00	Up gradation of Seminar hall with 12 AC, Ceiling, Desks for classrooms
9	Any Other Activities (Skill Development))	10.00	129730.00	Organized 5 Skill development workshops for students in the Dept of Chem, Zool, Bot
<b>Total</b>		<b>90.00</b>	<b>3517807.87</b>	

# Action Plan UGC-CPE (June 2017- Oct 2018)

## Grant-in-Aid General 31 (Recurring)

Sr No	Budget Heads	Amount (Rs in Lakhs)	Utilized Grants	Justifications
1	Lab Consumable	15.00	409892.14	Purchase of Lab chemicals and glassware's for Chemistry , Micro biology Labs
2	Software's	10.00	216913.00	Lang Lab, CCMsS Cloud based Application for office, Students feedback Softwares
3	Internet Services	10.00	115637.00	Internet bills
4	Maintenance of Equipment's	10.00	157300.00	Maintenance of Lab equipments of Micro, Chem Labs, Maintenance of Computers, CRO of Physics Lab
5	Enrichments of Teachers	10.00	125000.00	Organization of i) one day National Seminar on IPR for Teachers 150 Participants
6	Any Other activities (Sports Coaching for Students)	05.00	51000.00	Coaching of Badminton (Men, Women), Base (Men) ball, Cricket (Women)
<b>Total</b>		<b>60.00</b>	<b>1075742.14</b>	



# Action Plan UGC-CPE (June 2017- Oct 2018)

Rs in lakhs

Capital Asset 35 (Non-Recurring) ----- **3517807.87**

Grant-in-Aid General 31 (Recurring)----- **1075742.14**

**Total expenditure ----- 4593550.01**

**(Rs Forty Five lakhs Ninty Three thousand Five Hundred Fifty only)**

# Action Plan for Skill Development Activities

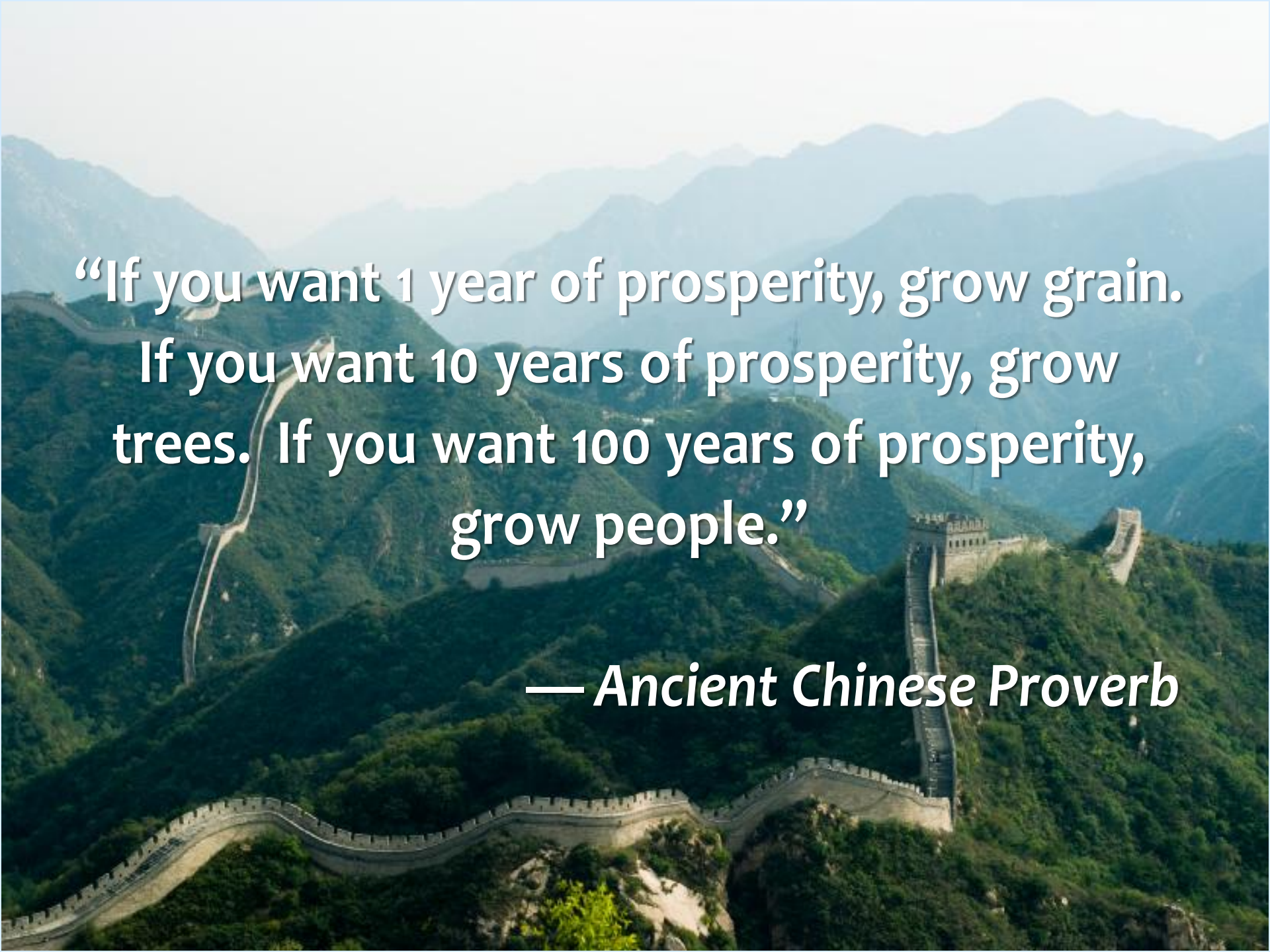
## Department of Botany

Type of activity	Details of activity	Duration	Amount	Outcome
Workshop For Students for 200	Mushroom Cultivation Skill	One Day Dec 2018	5000=00	Awareness about use of mushrooms in food. Knowledge regarding skill of cultivation of different mushrooms.
Workshop For 200 Students	Medicinal Plant Product Preparation Skill	One Day July 2019	5000=00	Awareness about use of plants in medicine. Knowledge of role of plants as medicine against different diseases in human being.
Workshop For 200 Students	Food Processing	One Day Dec 2019	50000=00	Awareness about preservation and processing of food.
Workshop For 200 Students	Floriculture	One Day Feb 2020	5000=00	Awareness about farming of flowers on commercial basis.

# Action Plan for Skill Development Activities

## Dept of zoology & fishery science

<b>Title of activity</b>	<b>Month /year</b>	<b>Amount</b>	<b>Duration</b>	<b>outcome</b>
Workshop in zoology on Biodiversity & its conservation for students	January2019	<b>20000/-</b>	2 days	To train and educate the farmers and students to take initiative on fresh water fish culture.
Workshop on fresh water fish culture in plastic pools for farmers & students	July 2019	<b>20000/-</b>	1 day	It is expected that the potential farmers should start the practice implementation of the knowledge acquired in the workshop.
Training &Workshop on preparation of Vermicompost for Farmers & Students	Januavary 2019	<b>20000/-</b>	1 days	Students should learn the opportunities and scope of aquaculture in fresh water resources.
Workshop on Apiculture for Farmers & Students	August 2019	<b>20000/-</b>	1day	Students should learn the opportunities and scope of Apiculture & other products of honey

An aerial photograph of the Great Wall of China, showing the stone wall and watchtowers winding across a vast, mountainous landscape covered in dense green vegetation. The mountains in the background are hazy, creating a sense of depth and scale.

**“If you want 1 year of prosperity, grow grain.  
If you want 10 years of prosperity, grow  
trees. If you want 100 years of prosperity,  
grow people.”**

**— Ancient Chinese Proverb**

**For further quality enhancement  
your valuable suggestions are  
highly considered**

THANK YOU

