

Dayanand Science College,

Latur, Maharashtra

DST - FIST

PROGRESS REPORT

(2016 – 2018)

Submitted to

Department of Science & Technology

FIST Program Division

Department of Science & Technology

Technology Bhawan, New Mehrauli Road

New Delhi-110 016

Affiliation & Recognitions



Marathwada University, Aurangabad
1961-1994



Swami Ramanand teerth Marathwada University, Nanded 1995



UGC Recognized 2F, 12B
1971



NAAC Accreditation 1st Cycle
2004 B⁺⁺ 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

**DST
FIST
Recognition
2012 – 13
(67.5 lacks)**

**Ranked in top
100 colleges
Career360
survey
2016**

**NAAC
Reaccreditation
A Grade With CGPA
3.14
2013 - 14**

**Shahu Fule
Ambedkar Award
from Govt of
Maharashtra**

**MILESTONES OF
DEVELOPMENT
of DSCL
2012 - 2016**

**Best Principal
Award by SRTMU**

**Best College
Award
SRTMU, Nanded
2014 - 15**

**Selection for
RUSA grants of
Rs 2 Cr.**

**CPE
Sanctioned by
UGC
2015 – 16
(5 Cr in III
Phases)**

A Temple of learning & Research

DST - FIST

ANNUAL REPORT 2016-2018

DSCL is a leading Single Faculty Science college is grateful for having received status under the DST – FIST scheme for the first time in the year 2013. 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;

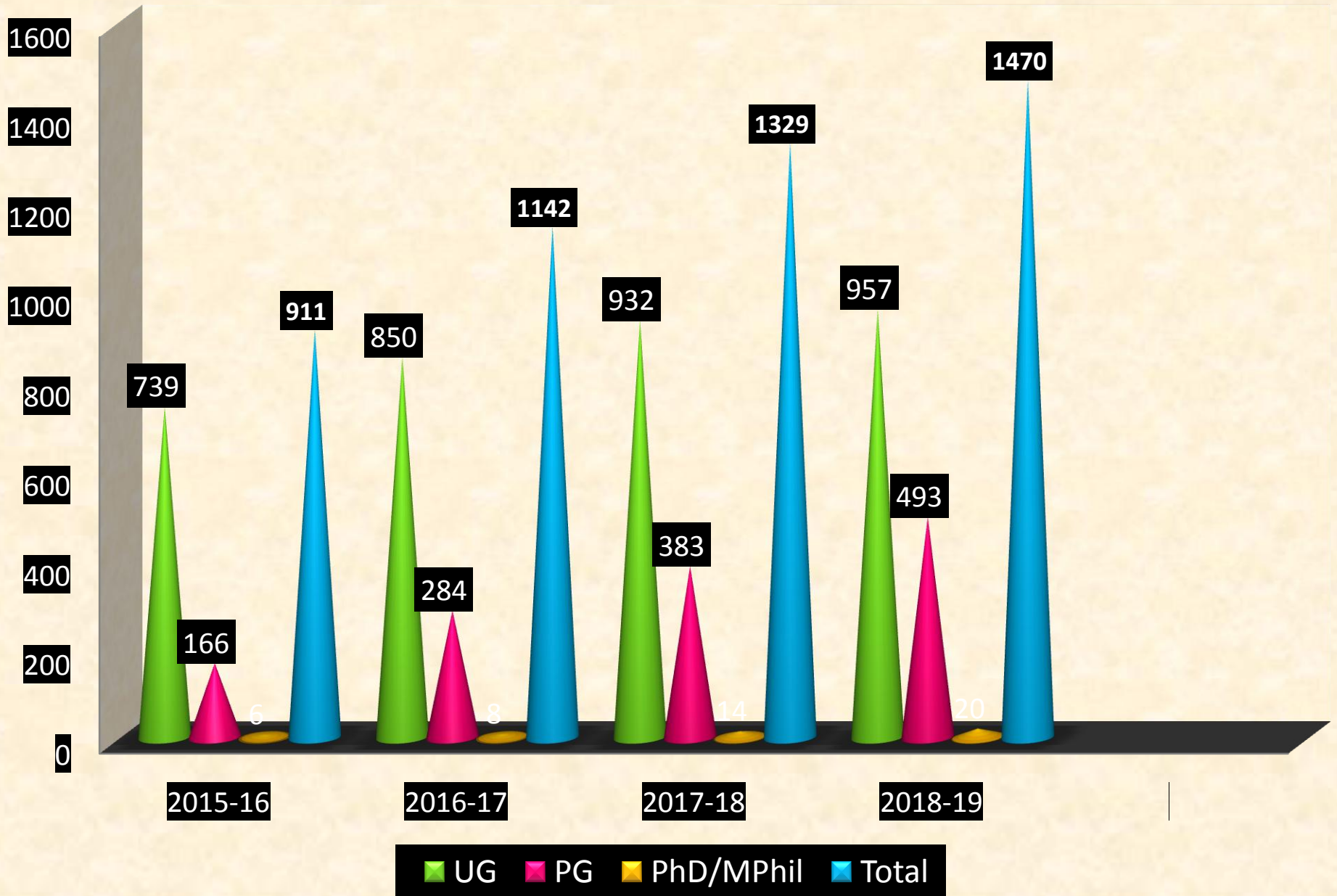
"Innovation in Science Pursuit for Inspired Research (INSPIRE)" is an innovative programme sponsored and managed by the Department of Science & Technology for attraction of talent to Science. The basic objective of INSPIRE is to communicate to the youth of the country the excitements of creative pursuit 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:

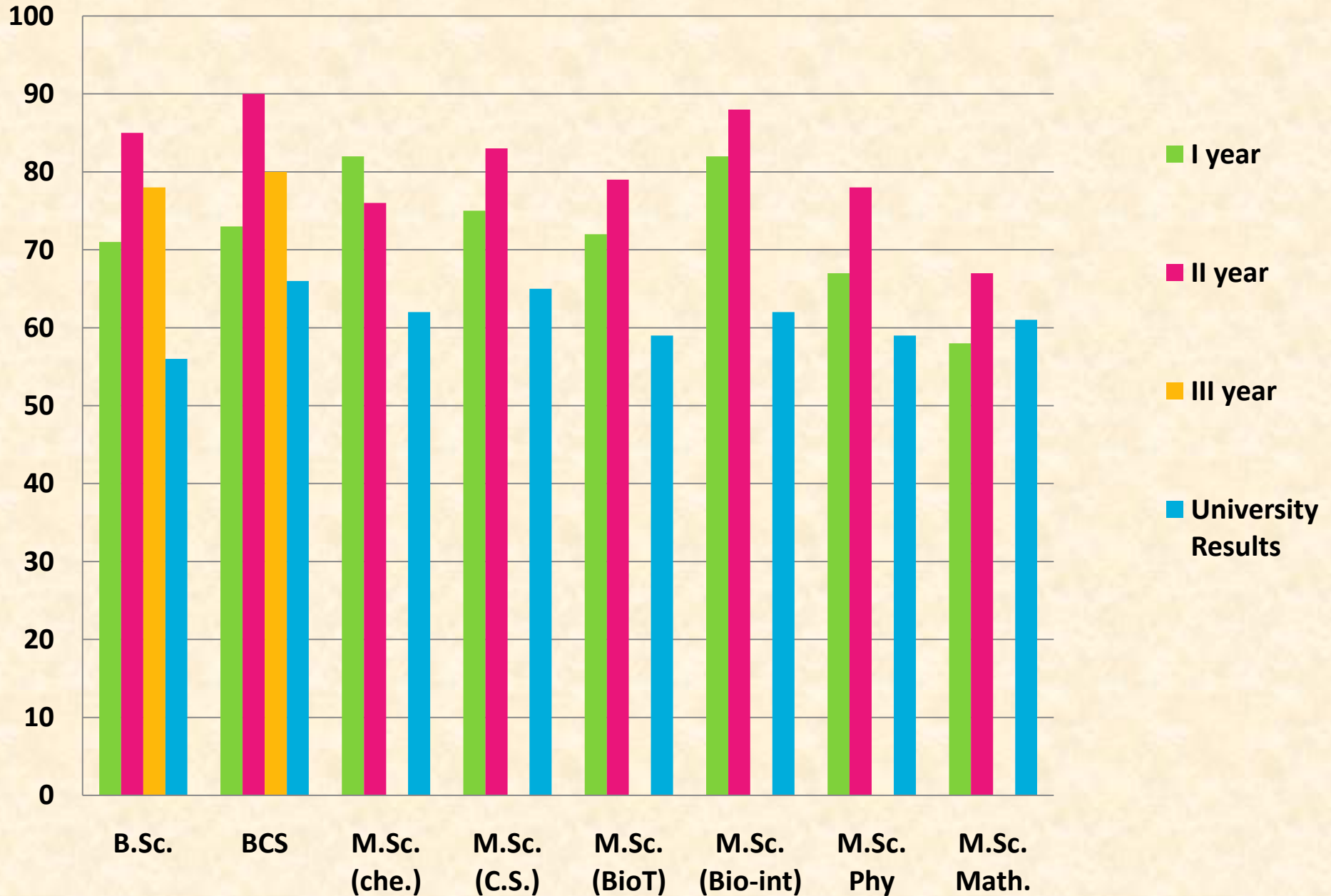
'Avishkar', a novel research oriented event designed with the intention to develop research and scientific culture among the students from undergraduate to doctoral level. This unique activity initiated by his Excellency, the then Governor and Chancellor of Maharashtra, Shri. S. M. Krishna in 2006, for 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.

Students Enrollment



Results (2018-19)

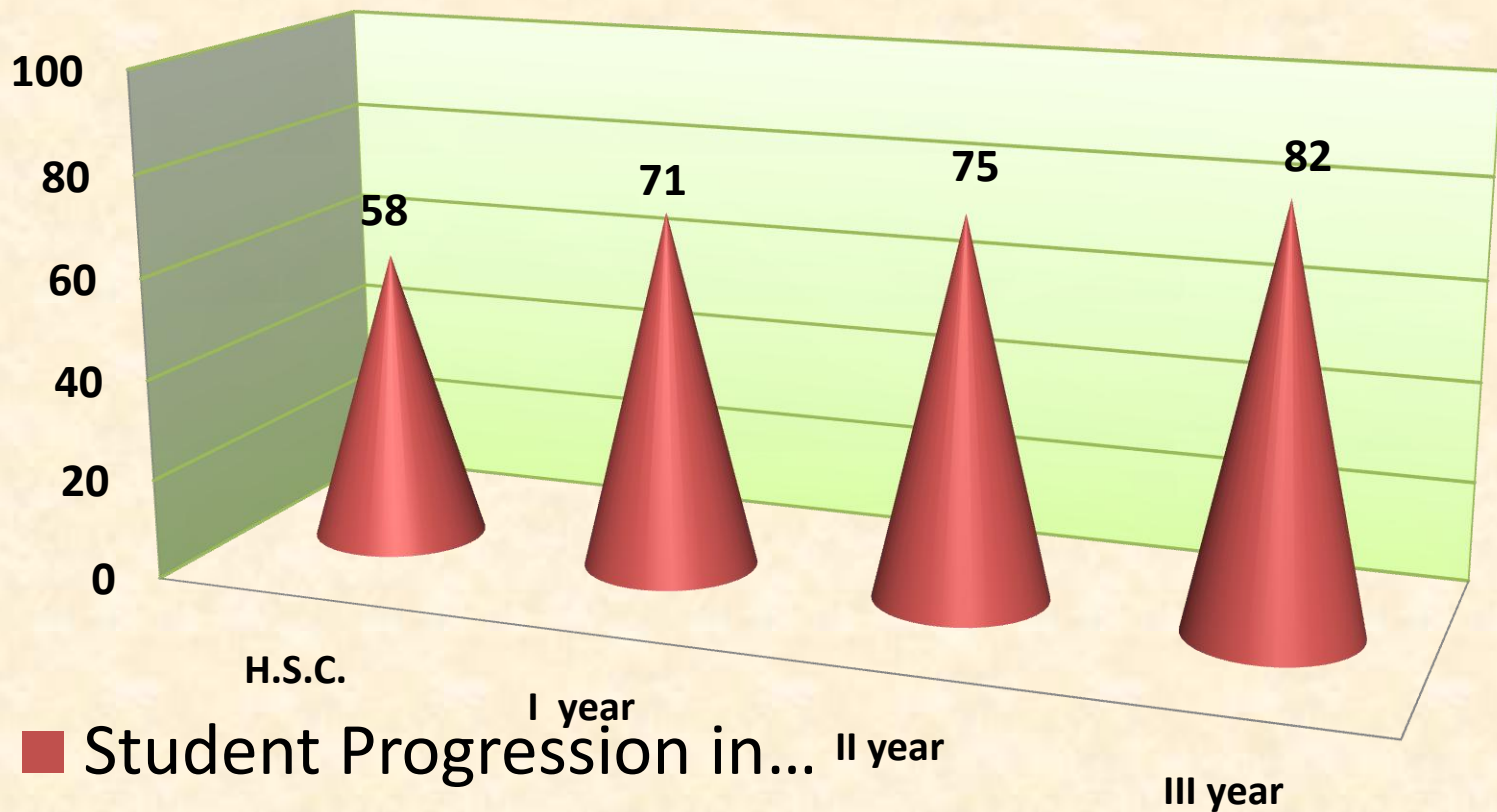


Students Academic Merit 2016 -18

Year	Class	Name of the Student	Percentage	University Rank
2015-16 7	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 5	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 9	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 5 years

Gold Medal

Silver Medal

Bronze Medal

17

16

16

Total

49

3 Days Workshops for Students

Workshop	Subject	Duration	Students	Funds
1	Phy/Chem/Maths	1-3 Oct, 2016	150	187750/-
2	Conceptual Chemistry	6-8 Jan, 2018	150	179500/-
3	Mathematics (Applied)	11-13 Jan, 2019	150	187000/-
4	Chemistry (Applied)	05-07 Jan, 2018	150	184,000/-

15 Days Refresher Courses for Teachers

Refresher	Subject	Duration	Teachers	Funds
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	Life Sciences (Applied)	1-15 June, 2019	35	8,85000/-

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 days Indian academy of Sciences workshop on Conceptual Chemistry



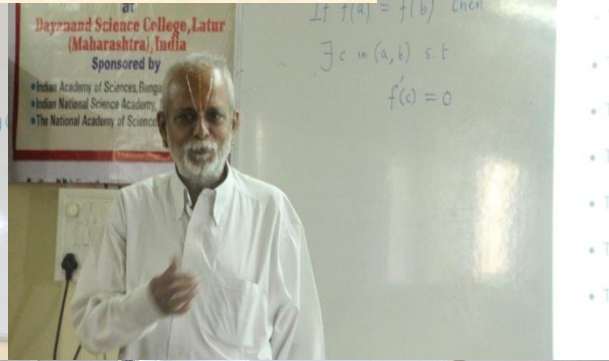
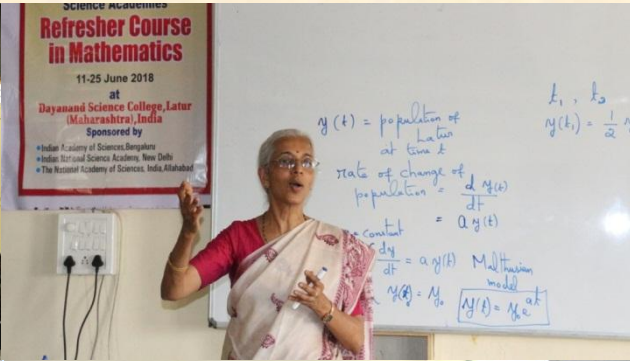
(Refresher Course in Quantum Mechanics & Nuclear Physics)



Refresher Course in Chemistry in Collaboration with IAS



Refresher Course in Mathematics In Collaboration with IAS



- ROW FIRST (L TO R) - 1) Dr. VIJAY BHASKAR PATIL, 2) SHRI. R. H. LADGAONKAR, 3) SHRI. S. S. SHARMA, 4) SHRI. S. S. SHARMA, 5) SHRI. S. S. SHARMA, 6) SHRI. S. S. SHARMA, 7) SHRI. S. S. SHARMA, 8) SHRI. S. S. SHARMA, 9) SHRI. S. S. SHARMA, 10) SHRI. S. S. SHARMA
- ROW SECOND (L TO R) - 1) SHRI. S. S. SHARMA, 2) SHRI. S. S. SHARMA, 3) SHRI. S. S. SHARMA, 4) SHRI. S. S. SHARMA, 5) SHRI. S. S. SHARMA, 6) SHRI. S. S. SHARMA, 7) SHRI. S. S. SHARMA, 8) SHRI. S. S. SHARMA, 9) SHRI. S. S. SHARMA, 10) SHRI. S. S. SHARMA
- ROW THIRD (L TO R) - 1) SHRI. S. S. SHARMA, 2) SHRI. S. S. SHARMA, 3) SHRI. S. S. SHARMA, 4) SHRI. S. S. SHARMA, 5) SHRI. S. S. SHARMA, 6) SHRI. S. S. SHARMA, 7) SHRI. S. S. SHARMA, 8) SHRI. S. S. SHARMA, 9) SHRI. S. S. SHARMA, 10) SHRI. S. S. SHARMA
- ROW FOURTH (L TO R) - 1) SHRI. S. S. SHARMA, 2) SHRI. S. S. SHARMA, 3) SHRI. S. S. SHARMA, 4) SHRI. S. S. SHARMA, 5) SHRI. S. S. SHARMA, 6) SHRI. S. S. SHARMA, 7) SHRI. S. S. SHARMA, 8) SHRI. S. S. SHARMA, 9) SHRI. S. S. SHARMA, 10) SHRI. S. S. SHARMA



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	PhD Course	Math	1-12/06/16	SRTMU, Nanded	25000	10000	State	15 Days
8	PhD Course	Math	25-10/6/17	SRTMU, Nanded	25000	10000	State	15 Days
9	PhD Course	Math	25-10/06/18	SRTMU, Nanded	25000	10000	State	15 Days
10	Workshop on Curriculum Design	Phy/Math/ Chem/Zool	6 Aug, 18	UGC-CPE	1, 25000	10000	National	1 Day
11	Conference (IPR)	Botany	22 Sept, 18	UGC-CPE	90,000	10000	National	1 Day

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	3000/-	PCRA, Ministry of Petroleum, GOI.	College	1 Day
5	'Energy Management'	07-09-18	UGC-CPE	3000/-	PCRA, Mins of Petro	College	1 Day
6	'Skill Enhancement Course – Floriculture'	18-09-18	UGC-CPE	3000/-	Venkatrao Deshmukh College, Bablgao	College	1 Day
7	"Blue Revolution" For Students & Farmers	24-25 /11/17	UGC-CPE	35000/-	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	8000/-	SRTMU, Nanded	District	1 Day
9	Marathwada Mathematical Seminar	02/02/16	college	5000/-	Marathwada Mathematical Soc.	Marathwada	1 day
10	Ramanujan Mathematical Competition	22/01/17	college	5000/-	Marathwada Mathematical Soc.	Marathwada	1day
11	Madhva Maths Competition	02/01/18	college	5000/-	Marathwada Mathematical Soc.	Marathwada	1 day
12	Organic Farming for students & Farmers	12/01/18	UGC-CPE	45000/-	District agriculture Office, Latur	District	1day
13	Computer Literacy Workshop For Non-Teaching	12-18/04/18	UGC-CPE	5000/-	Comp. Sci. Dept of DSSL	College	6 days

S.N.	Type of activity	Dept	Funding Agency	Sanctioned Amount (Rs)	Institutes Contri (RS)	Level	Duration
1	Seminar	Phy	UGC	80,000/-	50,000	State	02 days
2	Workshop	Phy	NAS	1,86,000	50,000	State	21 days
3	Workshop	Phy	D.S.T.	1,10,000	50,000	State	03 days
4	Seminar	Chem	UGC	65,000	50,000	National	02 days
5	Conference	Zool	UGC	80,000	50,000	National	02 days
6	Student work shop	Zool	D.E.S.	10,000	5000	District	03 days
7	Students workshop	Phy	IAPT	1,85000	20000	District	07 days
8	workshop	Enterpri	DIC	30000	9000	College	03 days
9	Seminar	Micro	UGC	75,000	25000	State	01 day
10	Conference	Marathi	UGC	1,00,000	50000	National	02 days
11	Seminar	Maths	UGC	70,000	30000	National	02 days
12	Conference	Comp.Sci	UGC	80,000	30000	National	02 days
13	Seminar	Botany	UGC	90,000	55000	National	02 days
14	Short Term Course	Chem	SRTMU	-----	60000	State	06 days
15	Workshop	Maths	SRTMU	15000	20000	National	01 days
16	Awishkar Research	College	SRTMU	10000	20000	University	01 days
17	Refresher course	Physics	IAS, Banglor	8,07000	50000	National	15 days

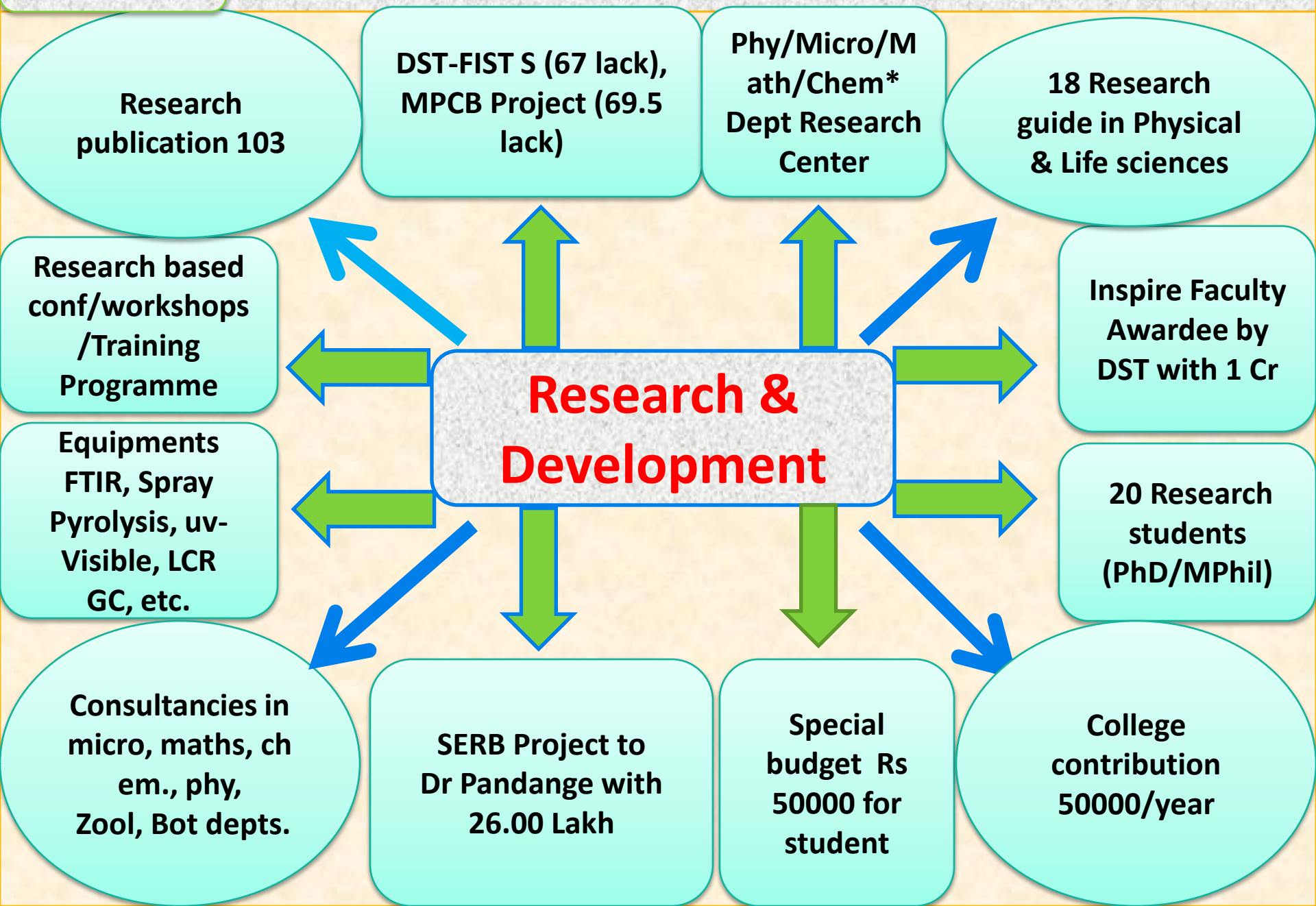
Grants Received by Various Funding Agencies (2012-2018)

For the College in Principals Tenure

Sr No	Funding Agency	Grant Sanctioned in Cr
1	UGC (College Devl & Others)	1.69 Cr
2	UGC (Major, Minor)	0.31 Cr
2	DST – FIST	0.67 Cr
3	DST - INSPIRE	2.06 Cr
4	Maharashtra Pollution Control Board	0.62 Cr
5	DST Inspire Faculty in Physics (Dr Pandange)	1.00 Cr
6	Refresher Courses, Workshops in Physics, Chemistry, Mathematics (IAS, Bangalore)	0.28 Cr
7	SERB (Major Research Project)	0.198 Cr
8	UGC CPE	1.50 Cr
9	UGC B.Voc.	1.85
	Total	10.178 Cr

Rs Ten Cr Seventeen lakh eighty thousand Only

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

Paper Presentation by students in National Seminar



Shivani Dindore and Puja Sonsale **B. Sc. I** Year won III Prize 2014



Wale Kiran, Kulkarni Pruthwi and Sathe Gokarna **B. Sc. III** Year won Consolation Prize.



Shinde Priya, **M.Sc. II** won I Prize 2014



P. Dixit, P. Patil and P. Shinde, **M.Sc. II** Won II Prize. 2015

Inspire SHE Scholarship Students

32

2 PG Students applications for Inspire Fellowship

Inspire Faculty Award (AORC)

Dr Mahadev B Pandange

Astrophysics

1 Cr

Project from SERB (DST) 26 lacks

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.

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, So_2 & 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

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

Research Guide	Department	Students	Research Area
Dr. S.S. Bellale	Mathematics	08 Ph.D.	Differential and Integral equations.
Dr. L.V. Thakare	Physics	–	LASER's, Thin film & Electronics
Dr. J.S. Dargad	Physics	4 Ph.D.	Thin film, Material Science,
Dr. C.S. Swami	Botany	–	Mycology & Plant Pathology
Dr. R.V. Solunke	Zoology	–	Parasitological Helminthological)
Dr. B.S. Nagoba	Microbiology	02 Ph.D.	Applied Microbiology
Dr. S.R. Deshmukh	Microbiology	01 Ph.D.	Medical Microbiology
Dr. R.S. Awasti	Microbiology	02 Ph.D.	Applied Microbiology
Dr. N.A. Kedar	Chemistry	02 Ph.D.	Organic Chemistry
Dr. S. N. Ibatte	Chemistry	--	Organic Chemistry
Dr. N. S. Korde	Chemistry	--	Organic Chemistry
Dr. C. S. chougule	Chemistry	--	Organic Chemistry
Dr. B.M. Sandhikar	Microbiology	01 Ph.D.	Medical Microbiology
Dr. J, D. Khandelwal	Microbiology	02 MPhil	Applied Microbiology
Dr. V. M. Mote	Physics	--	Material Science
Dr. V. A. Choudhari	Physics	--	Material Science
Dr. U. V. Biradar	Physics	1 PhD	Material Science

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

Camp	Duration	Students	Funds
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	
Total		3600	2,32,00,000/- (2.32 Cr)

Achievements

Year	SHE Sanctioned
2012-13	4
2013-14	4
2014-15	7
2015-16	9
2016-17	8
2017-18	9
2018-19	3
Total	44

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)**

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

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"> 1. Maharashtra Pollution Control Board, Mumbai 2. Manjra Sugar Factory Latur. 3. Tinna Oil Ltd. Latur. 4. MOJJ, Pune.
Mathematics	<ol style="list-style-type: none"> 1. Department of Mathematics Florida Institute of technology, U.S.A 2. Department of Mathematics Aligrah Muslim University, Aligrah. 3. Department of Mathematics Karnatak , University, Dharwad. 4. School of Mathematics, SRTMU Nanded. 5. Department of Mathematics, Ionia University, Greece. 6. Mathematics Research centre, Ahmedpur, Latur. 7. Mathematics Research centre, pt. Ravishankar university, Chattishgadh. 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.
Microbiology. /	<ol style="list-style-type: none"> 1. Maharashtra Biofertilizers, Latur. 2. MIMSR Medical College, Latur. 3. Tinna Oil Ltd, Latur, 4. Maharashtra Udaygiri Mahavidyalaya, Udgir. 5. Shivaji College, Renapur, ience 6. Govt. Medical College, Latur
Physics	<ol style="list-style-type: none"> 1. R.S. College Latur., IAPT – RC 08, Latur Science Center. 2. Dr. B.A.M. University, Aurangabad. 3. Solapur University, Solapur.

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.

No	Existing Industry/Association/SSC	No	Existing Industry/Association/SSC
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)

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

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

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:-

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

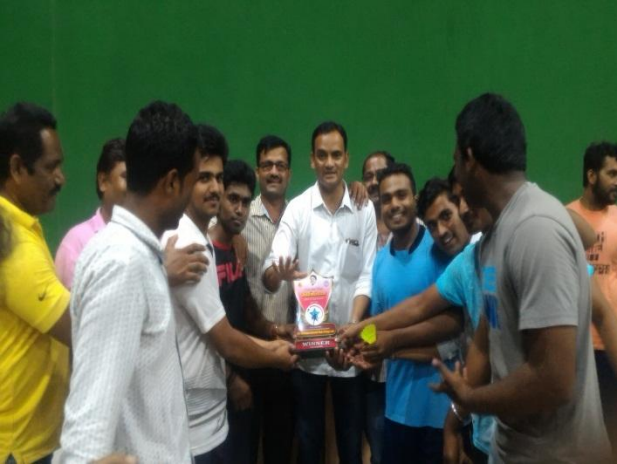
Organized Event:-

Sr.No.	Discipline	Tournament/Coaching camp	Team/Level	Year
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	Badminton (Men)	Tournament	West zone Inter University Tourn	2016 - 17
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	Jambhle Saurabh Govind	Hammer Throw	‘A’ Zone	Second
2	Phutane Ajitkumar Pralahd	Boxing	central zone	First
3	Chavan Poonam Krishnaji	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. 2nd Prize – elocution Competition - Apkesha Chakote
- 2. 2nd Prize – Singing Competition - Kanchan Tidole
- 3. 3rd Prize – Mimikri Competition - Sumit Hasale.
- 4. 3rd Prize – Dance Competition -

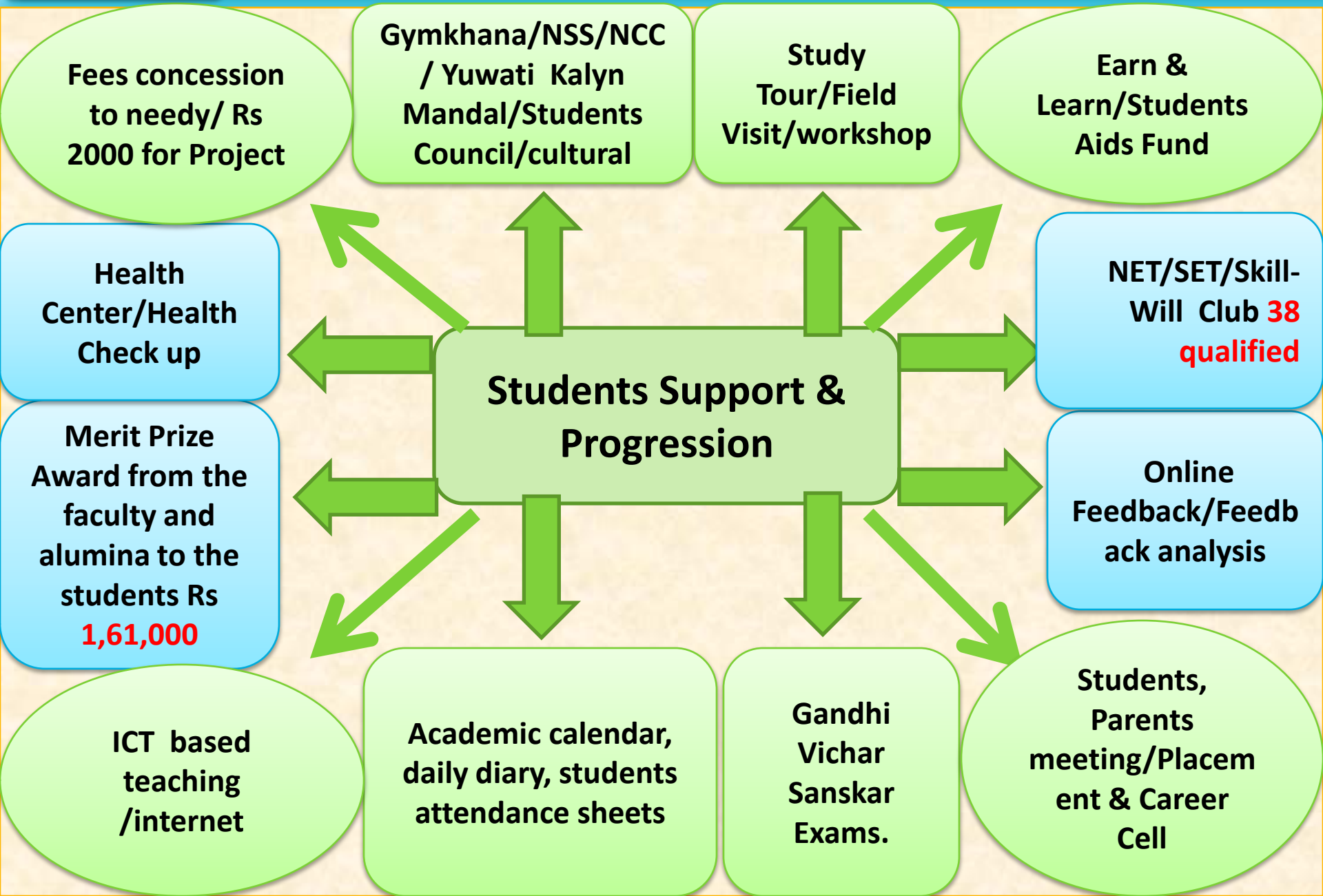
Students Name: Sumit Hasale, Rushikesh Jadhav, Rajan Baptane, Nishad Bhute, Akshay Kharade, Aboli Bedagnur, Swapnali Khatile, Nikita Vaidya, Jyoti Khole, Kanchan Tidole.

2018-2019: 5 Medals

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

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

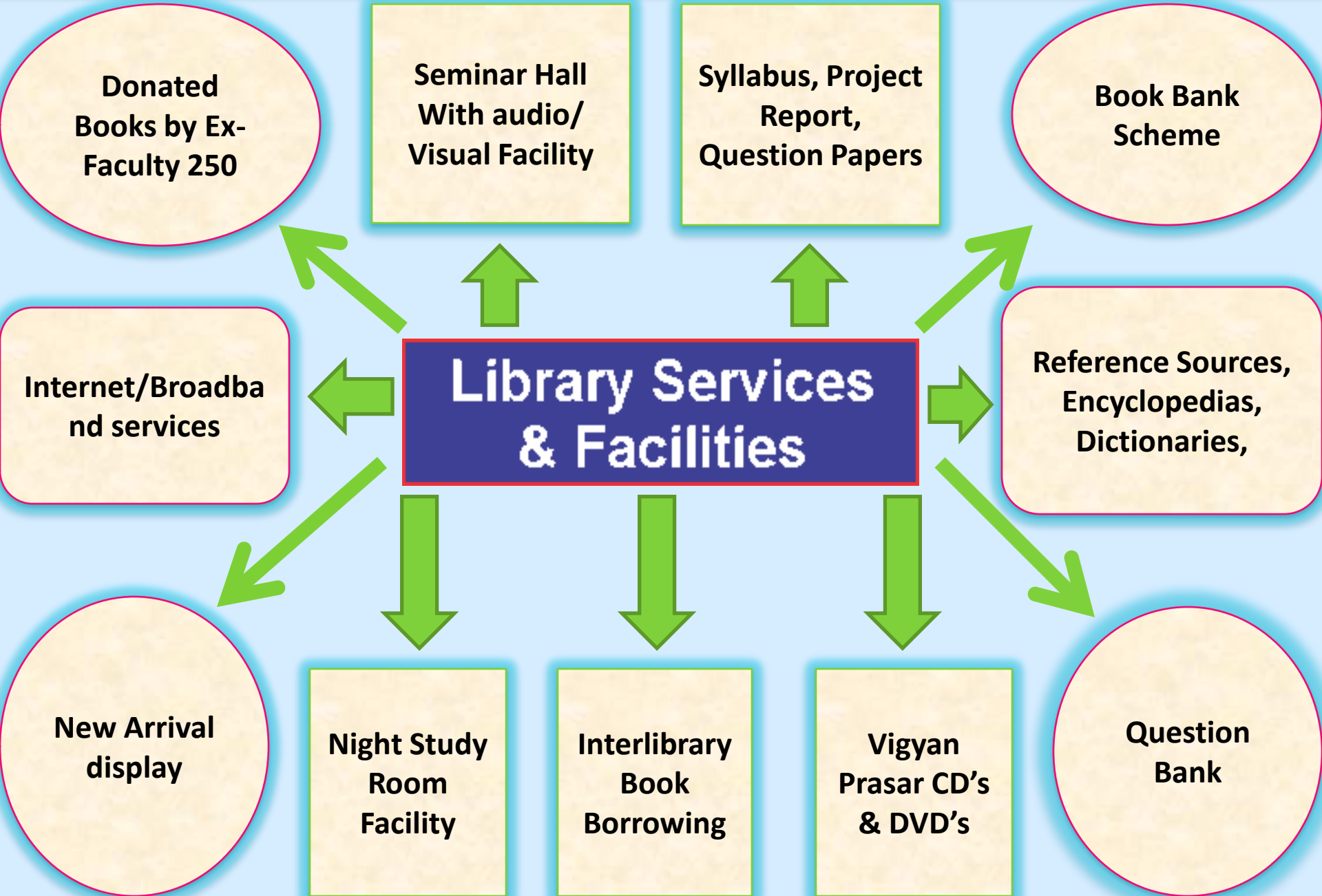
Students Support & Progression



Library Services

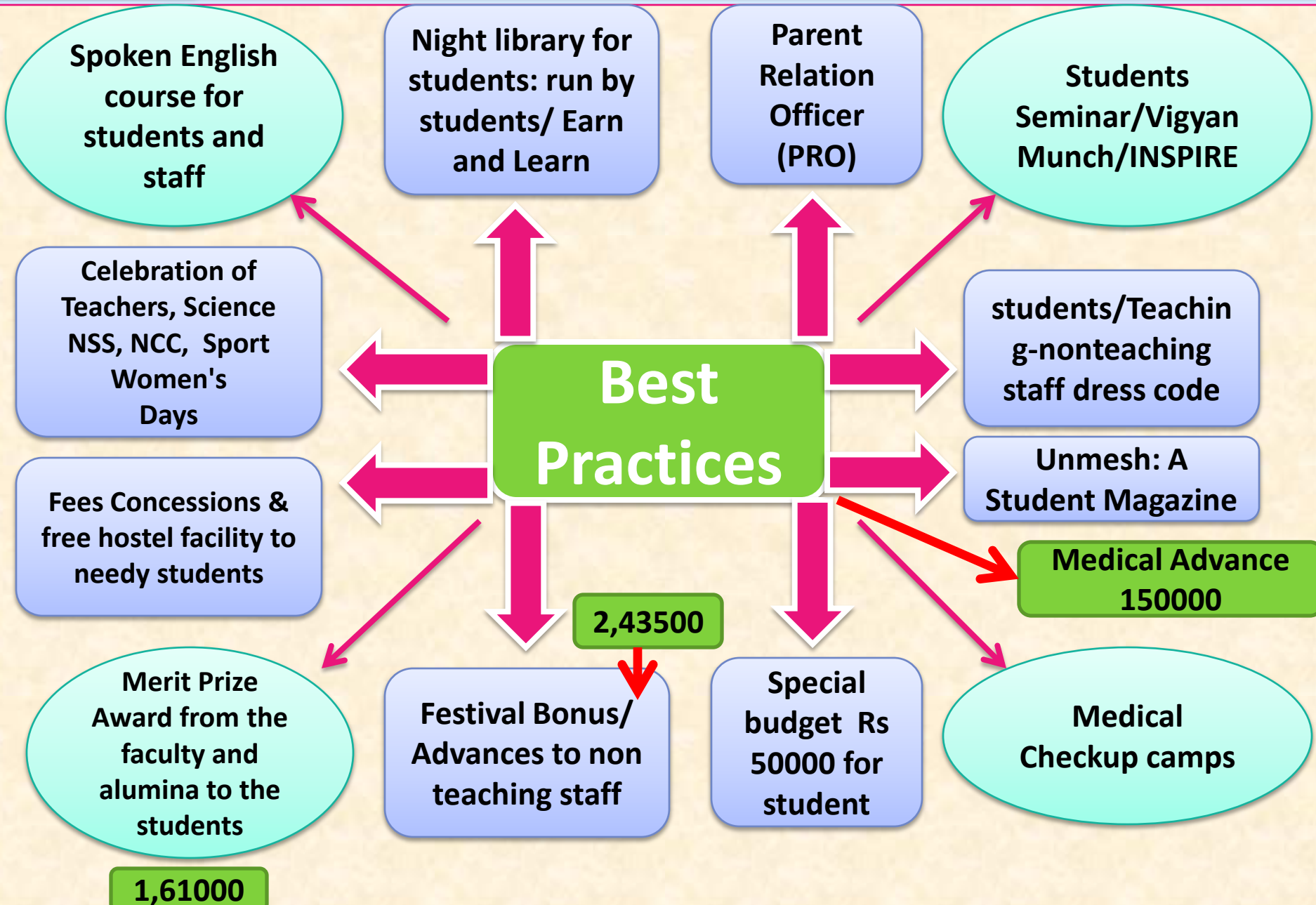


Library Services





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, Solar Panels for electricity generation (60KW)**
- ❖ **Water Harvesting, Whole Campus**
- ❖ **Hazardous Chemical Management, e-Waste Management, Solid Waste Management**
- ❖ **Vermi-Composting Unit**

- . **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**

THANK YOU

