



# DAYANAND SCIENCE COLLEGE, LATUR

## ACADEMIC REPORT

10 April to 29 August 2019

**UGC :** College has applied to start new skill oriented courses to UGC New Delhi under “KAUSHAL” and following courses have been approved. The approval list has been displayed on 25<sup>th</sup> July, 2019 on UGC website.

- (A) B.Voc. ( 3 years degree course) in Animation & Multimedia
- (B) Certificate course in
  - (i) Mobile repairing
  - (ii) Web Techniques & web development
  - (iii) Basic Microbiological Techniques

Proposal is submitted for getting approval to our parent university to start courses from academic year 2019 – 20.

### **DST :**

Our college has submitted a new proposal to department of science & Technology, New Delhi under DST-FIST Scheme under 0 level for Rs. 1.5 Cr.

### **DBT :**

Our college has submitted a proposal to Department of Biotechnology, New Delhi under “Star College” scheme for getting financial findings to strengthen undergraduate departments for Rs. 2.09 Cr.

### **College Documentry :**

A well defined video documentary of our college is prepared with the support of Zee Marathi channels representative.

### **Inspire Science Camp :**

DST has sanctioned an Inspire Internship Science camp for 200 students. It will be organized during 20 – 24 Oct, 2019.

### **Energy Audit :**

The College has undergraduate through Energy Audit process. The Energy audit is carried out by PCRA (Ministry of Petroleum). The report is getting finalized from PCRA and will be received in few days.

### **MOU :**

Following MOU’s are formed during the year

- (i) A MOU with MCED (Maharashtra centre for Entrepreneurship development) is formed to organize various Entrepreneurship activities for students & teachers.
- (ii) A MOU with Treezec E solution Pvt. Ltd. is formed to organize various training program workshop in Computer Science Department.
- (iii) MOU with Yogeshwari Mahavidyalaya, Ambajogai is formed to organize various academic activities with student/ faculty exchange Programmers.
- (iv) MOU with Kumarswami College, Ausa is formed to establish and exchange. Research based activities mutually beneficial for both institutions. Also for student/faculty exchange program.

## University Toppers (2018-19)

### B.Sc.

Sr. No.	Order of Merit	Name of the Student	Percentage
1	1	BONWALE SNEHAL VYANKURAM	92.49%
2	2	SAHU SHRISHRESHTHA ASHOK	92.49%

## Results (2018-19)

### B.Sc. - I, II & III Year TOPPER LIST SUMMER – 2019

B.Sc. – I Year				
SR. NO,	RANK	SEAT NO.	NAME OF THE CANDIDATE	%
1	I	BA151331	DHAGE JANHAVI BAPURAO	94.42
2	II	BA151229	KARAD RADHIKA PRAKASH	94.25
3	III	BA151332	JADHAV SHRADHA DHONDIRAM	93.83
4	IV	BA151330	DHABEKAR RUPALI RAMHARI	93.25
5	V	BA151160	DHANURE PRIYANKA GANESH	93.00
B.Sc. – II Year				
1	I	BB74718	GURUDE SACHIN TUKARAM	96.40
2	II	BB74523	KULKARNI SHRINIVAS SHASHIKANT	93.76
3	III	BB74737	INGLE ANURADHA RADHAKISHAN	93.40
4	IV	BB74521	GHORPADE SHRADDHA PRABHAKAR	92.88
5	V	BB74641	ANDHARE AISHWARYA ARUN	92.00
B.Sc. – II Year				
1	I	BC46955	BONWALE SNEHAL VYANKURAM	92.49
2	II	BC46942	SAHU SHRISHRESHTHA ASHOK	91.89
3	III	BC46821	TAUR DIKSHA SANJAY	90.97
4	IV	BC46905	SURYAWANSHI SULBHA BALAJI	90.77
5	V	BC46877	BIDVE RUTUJA DATTATRAY	89.77

### BCS - I, II & III Year TOPPER LIST SUMMER – 2019

BCS – I Year				
SR. NO,	RANK	SEAT NO.	NAME OF THE CANDIDATE	%
1	I	ZA20966	POTDAR SHEJAL SHANKAR	77.50
2	II	ZA20937	JAJU RAKSHA NARESH	72.30
3	III	ZA20943	KAMBLE SHIWALI UMESH	70.50
4	IV	ZA20942	KAMBLE CHAITANYA SAUDAGAR	70.00
5	V	ZA20970	SALUNKE DATTA RAJENDRA	69.80

<b>BCS – II Year</b>				
1	I	ZB14534	PRIYANKA W JANIBI	75.25
2	II	ZB14543	WAGHMARE DIPALI SADANAND	75.04
3	III	ZB14533	POTDAR PRIYANKA PRADIP	74.88
4	IV	ZB14544	WALKE PRATIKSHA KAMLAKAR	72.75
5	V	ZB14532	PAWAR ASHWINI ANKUSH	72.54
<b>BCS – III Year</b>				
1	I	ZC3110	MULLA AYESHA LALASAB	82.55
2	II	ZC3104	KORE SHWETA DHANRAJ	78.16
3	III	ZC3096	DIWAN PRASAD MUKUNDRAO	76.76
4	IV	ZC3107	LAKHADIVE MADHURI KALYAN	75.50
5	V	ZC3121	TAWASHIKAR NIRANJAN RAJENDRA	75.50
6	VI	ZC3116	SANGAVE KIRAN VANKAT	75.21

**All M.Sc. - I, & II Year TOPPER LIST SUMMER – 2019**

<b>M.Sc. (Chemistry) – I Year</b>				
<b>SR. NO,</b>	<b>RANK</b>	<b>SEAT NO.</b>	<b>NAME OF THE CANDIDATE</b>	<b>%</b>
1	I	DA42901	KOMATWAR KAVYA SUDHIR	80.56
2	II	DA42917	SHAIKH IRSHAD CHANDPASHA	75.44
3	III	DA42913	PATIL PRATIKSHA ANANTRAO	73.84
4	IV	DA42894	GULABILE RUPALI BALASAHEB	71.92
5	V	DA42907	MANALE RUPALI PRALHAD	67.52
<b>M.Sc. (Chemistry) – II Year</b>				
1	I	DB26656	BASTAPURE RUTUJA RAVINDRA	79.84
2	II	DB26679	SHINDE RUSHIKESH RAJESAHEB	79.80
3	III	DB26658	DIGE SHIVANI ANIL	77.60
4	IV	DB26664	KHOSE NIKITA NAGORAO	76.32
5	V	DB26673	PATIL MOHINI RAJKUMAR	75.76

<b>M.Sc. (Computer Science) – I Year</b>				
<b>Sr. No</b>	<b>RANK</b>	<b>SEAT NO.</b>	<b>NAME OF THE CANDIDATE</b>	<b>%</b>
1	I	DA43672	KULKARNI MANISHA VENKATRAO	76.80
2	II	DA43687	TELGAONKAR PRITI SURYAKIRAN	73.96
3	III	DA43666	GAWALI SUSHMA SHIVAJI	73.07
4	IV	DA43665	GAWALI SONAM BHANUDAS	69.87
5	V	DA43684	SHINDE RAJAT ANURATH	66.84
<b>M.Sc. (Computer Science) – II Year</b>				
1	I	DB27268	PATIL AMRUTA NANDKUMAR	76.80
2	II	DB27266	DESHMUKH RESHMA MAHADEV	73.35
3	III	DB27267	KULKARNI SNEHA UMAKANT	72.51

4	IV	DB27270	SHINDE ROHINI ANGAD	69.56
5	V	DB27272	ZADKE VIKAS SANJIT	68.67
<b>M.Sc. (Biotechnology) – I Year</b>				
1	I	DA42130	KULKARNI GAURI YOGENDRA	77.60
2	II	DA42129	KHANDAGALE AMOL BAPURAO	74.72
3	III	DA42126	JOSHI NAMRATA DEVIDAS	74.00
4	IV	DA42122	HOLKAR SEEMA SUDHAKAR	72.88
5	V	DA42116	BANSODE PRAVIN DATTATRAYA	71.88
<b>M.Sc. (Biotechnology) –II Year</b>				
1	I	DB26144	SHAIKH KARISHMA SALIMSAB	78.72
2	II	DB26137	GADE DIKSHA SURYAKANT	78.48
3	III	DB26139	JANBANDHU MUNNA TANBA	77.64
4	IV	DB26142	KOMATWAR KARUNA SUDHIR	76.40
5	V	DB26145	SHAIKH SAIMA SULTANA AHESANODDIN	76.16
<b>M.Sc. (Microbiology) – I Year</b>				
1	I	DA44701	PALSAPURE VIDHI SUBHASH	85.60
2	II	DA44685	DUDHAR YASHSHREE SATISH	74.32
3	III	DA44697	MORE RAVINA UDHDAV	74.16
4	IV	DA44688	KAPSE SHRADDHA RAMAKANT	71.60
5	V	DA44702	PATHAN RIHAJKHAN SATTARKHAN	70.80
<b>M.Sc. (Microbiology) –II Year</b>				
1	I	DB28126	KOMATWAR KRISHNA SUDHIR	79.68
2	II	DB28118	BIRADAR MAYURA PARMESHWAR	76.68
3	III	DB28121	DESHMUKH SHRADDHA SJARADRAO	73.32
4	IV	DB28119	CHAVAN AKSHAY SHRIKRISHNA	68.04
5	V	DB28117	ADAM SAMPADA MARUTI	66.08
<b>M.Sc. (Mathematics) –I Year</b>				
1	I	DA45078	SARVADE AMOL GAJENDRA	75.20
<b>M.Sc. (Mathematics) – II Year</b>				
1	I	DB28398	GALAVE APPASO CHHAGAN	79.44
2	II	DB28442	THAKUR MRUNALINI NAYANSINH	75.80
3	III	DB28435	RODE SUSHMITA JYOTIRAM	74.76
4	IV	DB28429	PISE PRIYANKA SAVATA	73.72
5	V	DB28401	JAGTAP YOGITA YOGIRAJ	71.80
<b>M.Sc. (Physics) – I Year</b>				
1	I	DA45540	KADAM MONIKA NANDKUMAR	84.08
2	II	DA45550	PAWAR SAPANA BALAJI	82.88
3	III	DA45529	AGRAWAL SAKSHI MANOJ	82.00
4	IV	DA45551	SARWADE PRANJALI BALASAHEB	80.64
5	V	DA45536	GURUDE NITIN TUKARAM	79.76

<b>M.Sc. (Physics) –II Year</b>				
1	I	DB28742	BHISE POOJA VYANKAT	84.72
2	II	DB28757	MORE SHUBHANGI RAMESH	82.04
3	III	DB28753	JAMDADE DIPALI BALASO	80.44
4	IV	DB28754	KANWATE SURPIYA SHIVAJI	79.16
5	V	DB28758	NELURE VIJYALAXMI RAJSHEKHAR	78.88

### **RESULT SUMMER – 2019**

<b>Sr. No.</b>	<b>Class</b>	<b>Total Students</b>	<b>Attend Exam Student</b>	<b>Pass + ATKT</b>	<b>R</b>	<b>Fail</b>	<b>College %</b>	<b>UNI. %</b>	<b>Above 60% to 75% Students</b>	<b>Above 75% Students</b>
1	B.Sc. – I	331	312	213	9	90	68.27	48.66%	25	98
2	B.Sc. – II	231	228	176	37	14	77.19	43.39%	20	90
3	B.Sc. – III	239	236	117	27	92	49.58	30.94%	30	83
4	BCS – I	93	70	24	3	42	34.29	44.66%	10	1
5	BCS – II	31	30	25	3	2	83.33	65.01%	14	2
6	BCS – III	30	29	21	3	5	72.41	60.45%	14	6
7	M.Sc. – I Chem	45	44	32	3	9	72.73	44.65%	3	2
8	M.Sc. – II Chem	30	29	15	8	6	51.72	39.98%	10	5
9	M.Sc. – I Comp. Sci.	36	30	21	-	9	70.00	70.19%	10	1
10	M.Sc. – II Comp. Sci.	8	7	5	1	1	71.43	61.83%	5	-
11	M.Sc. – I Micro	32	30	15	1	14	50.00	43.89%	6	1
12	M.Sc. – II Micro	23	23	6	10	7	26.09	26.26%	4	2
13	M.Sc. – I BT	35	24	18	-	6	75.00	71.26%	9	1
14	M.Sc. – II BT	14	14	13	-	1	92.86	62.14	8	5
15	M.Sc. – I Math	60	53	9	5	39	16.98	40.59%	-	1
16	M.Sc. – II Math	59	58	9	20	29	15.52	39.17%	7	2
17	M.Sc. – I Phy	34	27	17	6	3	62.96	47.03%	5	9
18	M.Sc. – II Phy	24	24	15	9	-	62.50	39.83%	4	11

### **Department of Botany**

#### **Events organized:**

- Science Academies 15 days ‘Refresher Course in Botany’ during 10-6-2019 to 24-6-2019. (Coordinator: Ex-Prin. R. H. Ladda)
- UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ on 9-8-2019. (Coordinator: Dr. C. S. Swami)

- Grant received 6.67 lakhs.

**Dr. C. S. Swami:**

- Attended Science Academies ‘Refresher Course in Botany’ (10-6-2019 to 24-6-2019).

**Mr. S. K. Alane:**

- Attended Science Academies ‘Refresher Course in Botany’ (10-6-2019 to 24-6-2019).
- Attended UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ at D. S. C. Latur (9-8-2019).

**Mrs. M. K. Gurme:**

- Attended Science Academies ‘Refresher Course in Botany’ (10-6-2019 to 24-6-2019).
- Attended B. Sc. First Year Syllabus Workshop at S. G. S. Mahavidyalaya, Purna (19-7-2019).
- Attended UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ at D. S. C. Latur (9-8-2019).

**Miss. A. S. Kamble:**

- Attended UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ at D. S. C. Latur (9-8-2019).

**Miss. N. R. Sude:**

- Attended UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ at D. S. C. Latur (9-8-2019).

**Department of Zoology & Fishery Science:**

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

- Attended UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ at D. S. C. Latur (9-8-2019).
- Organised one day study tour at Majalgaon on 17.08.2019.

**Dr. R. V. Kirtane**

- Attended UGC-CPE Sponsored One Day Workshop on ‘Energy Awareness and Management’ at D. S. C. Latur (9-8-2019).

**Department of Chemistry**

**Affiliation:**

- 1) **Chemistry Research laboratory recognition approved by S.R.T.M.Nanded Department of chemistry .**
- 2) **Second division in M. Sc. Chemistry approved by S.R.T.M.Nanded**

**A) Activities:**

- 1) Department of Chemistry “**One day Workshop on Curriculum of B. Sc & M. Sc First year Syllabus**” on 24.08.2019 in which Dr. N. S. Korde acts as coordinator and Dr. Y. P. Sarnikar acts as co-coordinator.
- 2) Dr. Y. P. Sarnikar and Dr. N. S. Korde acted as Recourse person for Inorganic Chemistry (M.Sc.-I) and Physical Chemistry (B.Sc.-I) respectively.

**B) National/ International Patent:**

**Dr.R. S. Shinde achieved a Patent on following**

**Title of Invention:** 1,3,5-TRIAZINE PYRAZOLINE HYBRIDS AS ANTI-INFLAMMATORY AND ANTI-UROLITHIC AGENT. *Indian Patent*, Application no. 201921016766A, Publication date: 17-05-2019.

**C) Publication of research Papers:**

Dr.R. S. Shinde Published two research papers titled as :

- 1) Pomegranate bacterial blight: *Abutilon indium Prosopis juliflora* and *Acacia Arabica* as Antibacterial agent for *Xanthomonas axonopodis* PV *Punicae*. Aishwarya Andhare, Dargad Jayprakash, **Shinde Ravindra**, Deshmukh Amol - *Journal of Pharmacognosy and Phytochemistry*, ISSN:2278- 4136, 2019, 8(3), 2069-2073.
- 2) Design, Synthesis and antimicrobial activity of Novel triazine chalcones derivatives. **Ravindra S. Shinde**, Satish A. Dake, Rajendra P. Pawar– *Anti-Infective Agents*, ISSN: 2211-3533, 2019(Accepted).

**D) BOOK Publication:**

- 1) Dr.R.S.shinde Published a book on “Research Methodologies and Practical Applications of Chemistry” with ISBN No : 9781771887847
- 2) Dr.N.S.Korde Published a book on “Practical’s in Physical Chemistry ” with ISBN No : 978-81-941315-7-1

**Computer Department**

**1. 20<sup>th</sup> June to 25<sup>th</sup> June Computer Literacy Programme for Non-Teaching staff**

**Details:** 5 days workshop was organized for non-teaching faculty to make them computer literate. The workshop was conducted from 20<sup>th</sup> June 2019 to 25<sup>th</sup> June 2019 under the title “Handling Techniques On Office Automation” total 25 non-teaching faculty benefited by this program. Mrs. Jaju S.A, Dr. Shinde R.B, Miss Kale S.V, Miss. Patil S.D, Mr. Sugare M.B worked as a resource person for the course.

**2. 24<sup>th</sup> June 2019 to 29<sup>th</sup> June 2019 6 Days Faculty Development Program on PHP.**

**Details:** Department of computer science organizes the 6 days Faculty Development Program on PHP. Total 9 Faculty members are benefited by this FDP. Mr. Suraj Khandale (CEO of Angel Info Tech, Web Development, Training, Aurangabad) was the resource person for this FDP. On the valedictory program Principal Dr. J. S. Dargad sir congratulate to all the faculty on successful completion of this program, Vice Principal Dr. S. S. Bellale sir and HOD Dr. L. V. Thakre sir appreciate to this activity.

**3. 13<sup>th</sup> July 2019 Career Opportunity for E-Learning and Training**

**Details:** One Day career counseling program is organized on Career Opportunity for E-Learning and Training by Mr. Suraj Khandale (Director of Angel Infotech Aurangabad). He said E-Learning is one of the fastest growing sectors in the world. E-learning is already huge and is looking to complete revolutionize the educational sector. 31 participants get the benefit from this program. Principal Dr. J. S. Dargad sir, Vice Principal Dr. S. S. Bellale sir and HOD Dr. L. V. Thakre sir , Co-ordinator Ms. S. A. Jaju mam appreciate to this activity.

**4. 22<sup>th</sup> July 2019 Induction program on PHP for Computer Science UG students.**

**Details:** One Day Induction Program on PHP was organized by Department for the computer science. Mr Miller Khandhar, CEO of Pahila job.com was invited as a resource person for this program. He guided about how to develop Web Technology and how to recruited for the job. This program was conducted under the Training & Placement cell. Near about 200 students are present for this induction program. The program was conducted on 22 July 2019 from 11:00 a.m. to 2:00 p.m.

**5. 24<sup>th</sup> July 2019 One Day State Level Workshop on Recent Syllabi of Computer Science B. Sc. F.Y, B. Sc. (CS) F.Y.**

**Details:** S.R.T.M.U Nanded sanctioned and Dayanand Education Society sponsored one day state level workshop was organized by department on 24th July 2019. The workshop was inaugurated by Secretary, Dayanand Education Society Hon. Rameshji Biyani, Chief Guest Dr. B. S. Dawane, Chairman- Board of Studies (Chemistry), Dr. Prakash Khanale –Member of Board of Studies (Computer Science) and in the presence of Hon. Principal, Dr. J. S. Dargad sir and the members of Board of Studies from SRTMU Nanded. Principal Dr. Jaiprakash Dargad explained the aims & preface of this workshop. President of this workshop Hon. Rameshji Biyani, Secretary, Dayanand Education Society, Latur spoke in his presidential talk about the need of Skill based education for today's generation.

Lastly Dr. R. B. Shinde, Assistant Professor, Department of Computer Sciences offered the vote of thanks to all dignitaries and participants.

First session led by Dr. P. B. Khanale and very detailed discussion is done on Skill Enhancement Course as well as they deals the informative discussion on NPTEL / SWAYAM Courses. While second session led by Dr. S. S. Satonkar and very detailed discussed on First year Syllabus pattern, Exam Pattern, Internal Marks, Practicals etc. total 30 faculty from different colleges are benefited by this workshop.

**6. 25<sup>th</sup> July 2019 to 3 August 2019 Ten Days Training Program on PHP.**

**Details:** Under the training and placement cell Department of computer science organizes 10 days Training Program on PHP for BCS & BSC SY, TY and MSC FY, SY students. Total 40 students are participants of this training program. Mr. Suraj Khandale was a trainer of this program.

On the valedictory program Principal Dr. J. S. Dargad sir congratulate to all the student on successful completion of this program, Vice Principal Dr. S. S. Bellale sir and HOD Dr. L. V. Thakre sir and Ms. S. A. Jaju appreciate this activity. Introductory speech and Next agenda of this activity is stated by Dr. R. B. Shinde.

After completion of training participants of this program are allotted with projects which is given by a company. Students have to develop that project and submit to company in month of December 2019. In Month of January 2019 students are offered by company for internship. After successful completion of internship depending upon students performance they will be recruited by the company.



## Research Publications

### 7. 26<sup>th</sup> July 2019 “A Fuzzy Logic Based Personalized Result Analysis Support for student Performance Up-Gradation”

**Details:** Under the research and development A Paper is published with title “A Fuzzy Logic Based Personalized Result Analysis Support for student Performance Up-Gradation” in the proceeding of the 4<sup>th</sup> International Conference on Management Engineering, Science, Social Science and Humanities. Phuket, Thailand By- Sangita A. Jaju, Sudhir B. Jagtap, Rohini B. Shinde.

### 8. Workshop / Seminar/ Conference/ Attended by Faculty

Sr. No.	NAME	Workshop / Seminar/ Conference/ Attended
1	Ms. S. A. Jaju	1. Work shop on “Massive Open Online Course MOOC’s”. 2. One Day workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc. (CS) F Y & BSC FY. Computer Science. 3. “6 Day Faculty Development Program on PHP” 4. As a resource person for training program “Handling Techniques of Office Automation”
2.	Dr. R. B. Shinde	1. Work shop on “Massive Open Online Course MOOC’s”. 2. One Day workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc. (CS) I & BSC FY. Computer Science. 3. “6 Day Faculty Development Program on PHP” 4. As a resource person for training program “Handling Techniques of Office Automation” 5. “UGC Sponsored One Day Workshop on Energy Awareness and Management”
3.	Ms. S. V. Kale	1. As a resource person for training program “Handling Techniques of Office Automation” 2. “UGC Sponsored One Day Workshop on Energy Awareness and Management” 3. One Day workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc. (CS) F Y & BSC FY. Computer Science.
4.	Mr. M. B. Sugare	1. As a resource person for training program “Handling Techniques of Office Automation” 2. “UGC Sponsored One Day Workshop on Energy Awareness and Management”. 3. One Day workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc. (CS) F Y & BSC FY. Computer Science.
5.	Ms. A. G. Kutwad	1. “UGC Sponsored One Day Workshop on Energy Awareness and Management”
6.	Ms. Nikita	1. “UGC Sponsored One Day Workshop on Energy Awareness and

	Shinde	Management” 2. One Day workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc. (CS) F Y & BSC FY. Computer Science.
7.	Ms. S. S. Kulkarni	1. “UGC Sponsored One Day Workshop on Energy Awareness and Management” 2. One Day workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc. (CS) F Y & BSC FY. Computer Science.
8.	Mr. V. G. Kulkarni	1. “UGC Sponsored One Day Workshop on Energy Awareness and Management”

### Department of Industrial Chemistry

- 1) Department of Industrial Chemistry Organized one day workshop on “**Maharashtra youth Understanding value of Air for Latur city**” On dated 12 July 2019 the workshop Inaugurated by Dr. Gitanjali Kaushik (Hi tech Institute of Technology New Delhi) under presidency of Dr. J.S.Dargad principal, Dayanand Science College Latur In presence of Shri R.G.Kshirsagar Field Officer M.P.C.B and N.P.Darshewad, Dr.A. M.Chougule.
- 2) Department has received Research Recognized centre for Chemistry & Industrial Chemistry from S.R.T.U.M University Nanded.
- 3) M.P.C.B Funding NAMP centre run by Department and got certificate from M.P.C.B regional Officer Latur. As “**smoothly running centre**”.
- 4) Department of Chemistry & Industrial Chemistry Organized one day National workshop on Scope of Syllabus. Dr. A.M. Chougule invited as **Chairman and Resource person** for Industrial Chemistry subject on 24 July 2019.
- 5) Dayanand Science College organized Energy awareness and Management one day Workshop Dr.A.M.Chougule and Mr. R.K. Jadhav participated in the workshop on dated 9<sup>th</sup> Aug 2019.
- 6) Dr.A.M.Chougule and Mr. R.K. Jadhav invited as a **Resource Person** for workshop on New Syllabus Chemistry and Industrial Chemistry on Dated 19 July 2019. at Shri Guri Buddhiswami Mahavidyalaya Purna.(Jn).
- 7) Dr.A.M.Chougule and Mr. R.K. Jadhav, N.S. Dhekane participated in the one day workshop Startup innovation and intellectual property right, in Rajershi Shahu College Latur on dated 16 July 2019.

#### Paper publication:

Mr .R.K Jadhav has attend conference and **Presented paper** at Wilingdon College Sangli an efficient and Simple Method for Synthesis Of 2-Phenyl - 2,3-Hydroquinazoline -

### Department of Languages

1. Asst. Prof. Pandit M. M. attended One Day University Level Workshop on 'New Syllabus in English ' held at Swami Vivekanand Mahavidyala, Shirur Tajband on 3rd August 2019.
2. Dr. Bane G. H. published a research paper in International Journal (ISSN- 2348-7143) entitled 'Omprakash Valmiki ki Kavitaome Vedana aur Nirasha'.
3. Dr. Bane G. H. attended One Day University Level Workshop on ' New Syllabus in Hindi ' held at Swami Vivekanand Mahavidyala, Shirur Tajband on 3rd August 2019
4. Dr. Shetkar R. R. published a research paper entitled ' Navanath Gore yanchya Fesati Kadambaritil Shokatm Jeewan Janiwa,' in an edited book' Fesati : Chintan aani Manthan ', edited by Principal Dr Aasha Mundhe. (ISBN- 978-93-88544-30-6)
5. Dr. Shetkar R.R. attended One Day University Level Workshop on ' New Syllabus in Marathi ' held at Shankarao Chavan Mahavidyala, Ardhapur Dist Nanded on 31 July 2019.

### 1) Department of Mathematics:

1. **Mathematics Department** Organized Ph. D. Course work for Ph. D. Student of SRTMUN, at Mathematics research center, Dayanand Science College Latur, during 25 May-09 June 2018. Total 26 students completed this course work.
2. **Mathematics Department** Organized “**NPTEL workshop for Mathematics**”. On the date 21.07 2019 for B. Sc I, II, III year students. Total 102 students participated in this workshop. Prof N. S. Pimple is the mentor for this workshop.
3. **Mathematics Department** Organized “**Lecture workshop on NPTEL Assignments**”, on the date 11.08 2019 for B. Sc I, II, III year students. Total 145 participated in this workshop and they have given training about how to fill online NPTEL assignments.
4. **Mathematics Department** Organized “**Guest Lectures for Algebra and Differential equations**” for M. sc. I, II year students on the date 23.08 2019. Total 67 students were present these guest lectures

### 5. Research Papers:

1. **Dr. S.S. Bellale** published the research paper “Inequality and Comparison Theory for Non-linear Differential and Integral Equations” in the journal “ **International Journal of Emerging Technologies and Innovative Research (JETIR)**, ISSN 2349-5162(online), Impact Factor: 5.87 Volume 6, Issue 4, April 2019, page 281-288, UGC approved
2. **Dr. S.S. Bellale** published the research paper “Inequality and Maximal-Minimal solutions for Non-linear Differential and Integral Equations” in the journal “International Journal of Research in Engineering IT and Social Sciences (IJREISS)”, ISSN 2250-0588 (online), Impact Factor: 6.565, Volume 09, Issue 5, May 2019, Page 365-373 UGC Approved Journal No. 42301.
- 3 **Dr. S.S. Bellale** published the research paper “Dhage Iteration Method for IVPs of Nonlinear First Order Hybrid Functional Integro-differential Equations of Neutral Type” in the journal “International Journal of Mathematics And its Applications”,

### **Department of Microbiology**

#### **Research Publications:**

1. **Sontakke Kailash, Shinde Saheb, More Rahul**, Gorathkar Chandrakant, Anasane Prashant; Preliminary Phytochemical Analysis, Antioxidant and Tyrosinase Inhibition Activities of Seeds of *Lepidium sativum* L. (2019) 8(I) :66-71.
2. **Sanap Govind, More Rahul**. Phytochemical Analysis, Antimycobacterial and Antioxidant Profile of some Common Plants found in Marathwada Region of Maharashtra.(2019) 8(I) 164-176.

#### **NCC Department Report**

- Enrolled 53 students in NCC.
- Enrolled 15 Girls Cadets (SW).
- Selected NCC Representative: Abhijeet Suryakant Kaspate.

#### **CAMP ATTENDED :**

- 1) ATC Camp at Babhalgaon – 20 Cadets was participated
- 2) Army Attachment Camp at Ahmednagar – 02 Cadets was participated.

#### **SOCIAL ACHIEVEMENTS:**

- 1) Yoga Day.
- 2) Tree Plantation
- 3) Cleanness Drive.

#### **ACHIEVEMENTS :**

- 1) 100 % result in 'B' Certificate and 100 % in 'C' Certificate examination.
- 2) Suhel Suryakant Gundre is selected for Army Attachment Camp at Ahmednagar
- 3) Vikas Balaji Patil is selected for Army Attachment Camp at Ahmednagar.
- 4) Vaibhav balaji doiphode and Keshav Balaji Ghadge have got silver medal in Kho-Kho sports at ATC Babhalgaon camp.

#### **Report of Sports Department**

In this current year our college students are going to participate in the various sports events. In this regard sports department have organized coaching camp of Badminton, Basketball and Volleyball. In the next phase sports department is going to organize coaching camp of Cricket, Baseball and Softball.

On the occasion of National Sports Day Sports department is going to organize 'A' Zone inter collegiate Cross Country (men & women) tournament on 29<sup>th</sup> September 2019. Sports department also organizing 'A' zone inter collegiate Table Tennis (men & women) tournament on 31<sup>st</sup> August 2019.

We have submitted the proposal for the grant of Rs. 7,00,000/- to the District sports office Latur for the scheme of Development of sports field. In this regard DSO has sanctioned Rs. 6,87,000/- for the said work. Our college have received First installment of this grant Rs. 6,61,000/- on 10 May 2019. Development work of Cricket ground is in last phase.

## Department of Physics, Electronics

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### Departmental Activities:

Our Department is running B.Sc. Physics / Electronics / Computer Science, B.C.S., M.Sc. (C.S.) & M.Sc. (Physics).

### Faculty Activities:

#### 1. Dr. L. V. Thakre

Paper selected for presentation in conference at Paris to be presented on 25<sup>th</sup> to 26<sup>th</sup> Oct, 2019.

#### 2. Lt. Dr. V. A. Chaudhari

- Invited Speaker in EMN meeting (Energy Material Science, & Nanotechnology) on Ceramic from 20 to 24 May, 2019 in Jeju Island, Korea.
- Successfully completed OTA training course & designated as a Captain Rank in NCC.

#### 3. Dr. V. D. Mote

- S. P. Kamble, V.D. Mote, “ Structural, optical and magnetic properties of Co doped CuO nano-particles by sol-gel auto combustion technique” Solid State Sciences 95, 105936 (2019) **Impact Factor: 2.12 (Science Direct- Elsevier)**
- Research paper is accepted entitled “**Investigation on Structural, Morphological and Magnetic Studies of Mn doped Zinc Oxide Nanoparticles**” for oral presentation in international conference on Condensed Matter Physics and Materials International Conference which is going to be held during 25-26 October, 2019 at Paris, France.

#### 4. Miss. S.D. Lokhande

- Registered for Ph. D. in S. R. T. M. U., Nanded under guidance of Dr. V. D. Mote.
- M. B. Awale, L. H. Kathwate, **S. D. Lokhande**, “Synthesis, Structural & Optical Properties of Zn<sub>1-x</sub>Co<sub>x</sub>O of thin films by Spray Pyrolysis method” IOSR journal of Applied Physics volume 11 Page 06 to 10 on dated 20 May, 2019.

#### 5. Mr. L. H. Kathwate

- Registered for Ph. D. in S. R. T. M. U., Nanded under guidance of Dr. V. D. Mote.
- M. B. Awale, **L. H. Kathwate**, S. D. Lokhande, “Synthesis, Structural & Optical Properties of Zn<sub>1-x</sub>Co<sub>x</sub>O of thin films by Spray Pyrolysis method” IOSR journal of Applied Physics volume 11 Page 06 to 10 on dated 20 May, 2019.
- Research paper is accepted entitled “**Preparation Structural, Optical And Electrical Properties of Al doped ZnO Thin Films by Spray Pyrolysis Method**” for poster presentation in National Symposium on Innovative Materials and Devices-2019 (NSIMD-2019) which held during 24-25 June, 2019 at Department of Physics, Sant Gadge Baba Amravati University, Amravati And Shri Shivaji Science College, Amravati (M.S.).

#### 6. Mr. M. B. Awale

- Registered for Ph. D. in Dr. BAMU, Aurangabad under guidance of Dr. H.C. Chaudhari.

- **M. B. Awale**, L. H. Kathwate, S. D. Lokhande, “Synthesis, Structural & Optical Properties of  $Zn_{1-x}Co_xO$  of thin films by Spray Pyrolysis method” IOSR journal of Applied Physics volume 11 Page 06 to 10 on dated 20 May, 2019.

#### 7. M. Sc. Students Achievement

Research paper is accepted entitled “**Structural And Optical studies on Indium doped ZnO Thin Films by Spray Pyrolysis Technique**” for poster presentation in National conference on Recent Advances In Nanotechnology (RAN-2019) which held during 5 March, 2019 at Toshniwal Arts, Commerce and Science College, Sengaoon Dist. Hingoli.

**Mr. Dipak Kadam**

**Mr. Nitin Gurude**

These students have got first prize in poster presentaiton in National conference on Recent Advances In Nanotechnology (RAN-2019) which held during 5 March, 2019 at Toshniwal Arts, Commerce and Science College, Sengaoon Dist. Hingoli.

### **N.S.S. Report**

- NSS unit had conducted “**Pledge for life – Tobacco free Youth**” Programme in our college **on 11 July 2019**. A motivational video was shown to the students as per guideline given by NSS unit of S.R.T.M. University. Around **230 students** had taken the pledge.
- On the occasion of “**Independence day**” on 15 August 2019 the N.S.S. unit had conducted the cleanliness program in our college. . Also on this day NSS unit visited the **Lal Bahadur Shastri School** and celebrated the **Rakshabandan** with the students of the School and also distributed the fruits and educational kits to the students.
- **Akash Dnyanoba Pawar** N.S.S. Volunteer selected in **AVHAN -2019** Chancellors Bridge- State level Training camp on Disaster Management, organized by **Swami Ramanand Teerth marathwada University Nanded in the Campus during 03<sup>rd</sup> June to 12<sup>th</sup> June 2019**.
- Our college N.S.S. Students are working as ‘**YUVA MAHITI DOOT**’ total 78 students are enrolled for working as YUVA MAHITI DOOT out of which **18 students** are eligible for the **Digital Certificate** from the Govt. of Maharashtra.
- Our college N.S.S. Students are working as ‘**YUVA MAHITI DOOT**’ total 78 students are enrolled for working as YUVA MAHITI DOOT out of which **18 students** are eligible for the **Digital Certificate** from the Govt. of Maharashtra.