

Dayanand Education Society's

Dayanand Science College, Latur, Maharashtra India



Internal Quality Assurance Cell 2019-2020

IQAC

Minutes of Meeting

(Meeting Date:- 02nd March, 2020)

By

Principal

Dayanand Science College, Latur,
Maharashtra, India.

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IQAC Meeting

Place:- Principal's meeting hall.

Date:- 02th March.,2020

Time:- 05.30 pm

Meeting:

The IQAC meeting is conducted under the chairmanship of Principal Dr. J.S. Dargad. The meeting is started by welcoming all the members of IQAC by the Coordinator Dr. S.S. Bellale.

The following members were present fulfilling the 2/3 all quorum of meeting.

IQAC Committee

Sr. No.	IQAC Committee
1	Dr. J. S. Dargad (Chairman)
2	Shri. Laxmiraman Lahoti (Member from the Management)
3	Shri. Arvindrao Sonwane (Member from the Management)
4	Shri. Ramesh Biyani (Member from the Management)
5	Shri. Suresh Jain (Member from the Management)
6	Dr. S. S. Bellale (Coordinator)
7	Dr. L.V. Thakre (Add. Coordinator)
8	Dr. C. S. Swami (Member from the Teachers)
9	Dr. R. V. Solunke (Member from the Teachers)
10	Prof. M. M. Pandit (Member from the Teachers)
11	Dr. R.A. More (Member from the Teachers)
12	Dr. N. S. Korde (Member from the Teachers)
13	Prof. Y. P. Sarnikar (Members from the Alumni)
14	Prof. R.H. Ladda (Nominee from Local Society)
15	Prof. M. R. Patil (Nominee from local society)
16	Shri. Sudhir Tiwari (Administrative Officer)
17	General Secretary (Student Nominee - GS)

Agenda:

1. Review of functioning IQAC.
2. Discussion of Outcomes of the year 2019-20
3. Discussion on Online feedback of online teaching learning process.
4. Discussion on NAAC Preparation for 3rd Cycle

Minutes:

Due to the COVID situation only the academic activities conducted by college are placed in the meeting during this academic year 2019-20. Following points are the outcomes of the activities

1) University Academic Audit Award

The college has undergone through external Academic Audit conducted by the S.R.T.M. University, Nanded during 2019-20. The academic audit report has been submitted to University under this external academic Audit College has been awarded 'O' grade with 94.85% of total marks and the college stood at the top of University list.

2) Department of Mathematics:

- 1 Mathematics Department** Organized one day District level workshop on “**Teacher Training Programme Onscreen Evaluation**” at Dayanand Science College Latur, during 21 Sept. 2019. Total 192 Teacher participants attended this workshop.
- 2 Mathematics Department (IQAC)** Organized workshop on “**Online Feedback, Mentor Mentee and Resources in College**” at Dayanand Science College Latur, during 23-24 Jan. and 27 Jan. 2019 for UG and PG students. Total 650 student participants attended this workshop.
- 3 Mathematics Department** Organized “**Guest Lectures on Laplace transformation and IIT-JAM**” for B.Sc. III year students on the date 29 Sept.2019, 02 Dec. 2019 and 10 Dec. 2019. Total 57 students were present these guest lectures
- 4 Mathematics Department (IQAC)** Organized workshop on “**Online Students Attendance Report, Online Mentor Mentee Report and online submission of ATR**” at Dayanand Science College Latur, during 30 Dec. 2019. Total 58 Teacher participants attended this workshop.
- 5 Mathematics Department (IQAC)** Participated in “**18th Annual Seminar Competition**” organized by Marathwada Mathematical Society at Shivaji Mahavidyalaya Udgir, during 20 to 21 Jan. 2020 for UG and PG students. Total 06 student participated in this workshop.
- 6 Mathematics Department** Organized Dist-Level “**Ramanujan Competition of Mathematics Knowledge**” organized by Marathwada Mathematical Society at Dayanand Science College, Latur, on the date 05 Jan. 2020 for UG and PG students. Total 97 student participated in this competition.

3) Student Progress:

- 1) 04 Mathematics Students Passed in NPTL with Distinction.
- 2) Mr. Lakhan Jaybhay passed NET-CSIR, JRF with all India Rank 63.

4) Refresher Course & Orientation Course:

- 1) Prof. V. D. Gaikwad attended Short Term Course in Kumaun University, Nainital, during 10 to 16 Oct. 2019.
- 2) Prof. V. D. Gaikwad attended Short Term Course in Kumaun University, Nainital, during 22 to 28 Nov. 2019.

Department of Physics, Electronics & Comp. Sci.**AWARDS, ACHIEVEMENTS AND HONORS**

1. **Dr. L. V. Thakre :-**

- **Keynote Speaker:** Delivered an Invited Lecture as **Keynote Speaker** in International conference on “**Global Meet on Condensed Matter Physics and Materials** “*A World of Opportunities Focus on the Prospect Advances in Condensed Matter Physics and Materials*” on “**structural, morphological and optical properties of Cd doped ZnS nanoparticles**” scheduled during **October 25-26, 2019** in the most exciting technological city **Paris, France**.

2. **Capt. Dr. V. A. Chaudhari :-**

- Oral presentation as a speaker, paper entitled “**Composition and temperature dependence of the dielectric properties of $PbZr_xTi_{1-x}O_3$ ferroelectric ceramics**” at the International Conference on Advancements in Renewable Energy, 10-11 January, 2020, SRTM, University, Nanded, India.
- Invited as a **chief guest and Key note address** in two days state level seminar on Innovative Applications of Nanomaterials in Science and Technology at Arts, Commerce and Science College, Nandgaon dated on 24 & 25 Jan, 2020.

3. **Dr. V. D. Mote :-**

- **Keynote Speaker:** Delivered Invited Lecture as **Keynote Speaker** entitled “**Investigation on structural, morphological, optical and magnetic studies of Mn doped ZnO nanoparticles**” in International Conference on “**Global Meet on Condensed Matter Physics and Materials** “*A World of Opportunities Focus on the Prospect Advances in Condensed Matter Physics and Materials*” scheduled during **October 25-26, 2019** in the most exciting technological city **Paris, France**.
- **Chief Guest:** Delivered Invited Lecture as **Chief Guest** in Vachan Prerna Divas at Dayanand College of Commerce, at Latur, Dated: 15.10.2019.
- **Chief Guest:** Delivered Invited Lecture as **Chief Guest** in NSS Special Camp, Dayanand Science college, Latur at Tandulwadi, Tq& Dist. Latur, Dated: 29.12.2019.
- **Highly Accessed and Highly Cited (814)** articles entitled “Williamson-Hall analysis in estimation of lattice strain in nanometer-sized ZnO particles” in Journal of Theoretical and Applied Physics, 2012; 6: 6.
- Published research paper entitled “structural, optical and magnetic properties of Co doped CuO nanoparticles by sol-gel auto combustion technique” in S. P. Kamble, **V. D. Mote**, Solid State Science, 95 (2019) 105936. **Impact Factor: 2.155**.

4. **Prof. S. D. Lokhande :-** Poster Presentation 1st prize winner in **International Conference**.

- **Best Poster Presentation Award** entitled “**Structural & Optical Studies of Undoped and Nickel doped ZnO nanostructured thin films produced by Spray Pyrolysis method**” at the International conference on recent advances in Physical and Chemical Sciences, dated on 22 January, 2020 at Sangola College, Sangola, India.
- Poster presentation on “**Influence of Ni doping on Structural and Optical Properties of Zinc Oxide Thin Films Synthesized by Spray Pyrolysis Technique**” presented in international conference on Advancement in Renewable Energy (ICARE-2020) at School of Physical Science, S. R. T. M. University, Nanded during 10-11 January 2020.
- Attended orientation course organized by Hyderabad Central University from 23 August, 2019 to 12 September, 2019.

4. **Prof. M. B. Awale :-**

- Poster presentation on “**Fabrication of $Zn_{1-x}Co_xO$ thin films by Spray Pyrolysis method and their characterization**” presented in international conference on Advancement in Renewable

Energy (ICARE-2020) at School of Physical Science, S. R. T. M. University, Nanded during 10-11 January 2020.

5. Prof. L. H. Kathwate :-

- Poster presentation : Research paper entitled “*Investigation of structural, optical properties of transition metals doped ZnO thin films prepared by chemical spray pyrolysis method*” presented in international conference on Advancement in Renewable Energy (ICARE-2020) at School of Physical Science, S. R. T. M. University, Nanded during 10-11 January 2020.

6. Prof. V. S. Chandak :-

- **Best Poster Presentation Award** in International Conference on “Recent Advancement in physical and chemical Science” at Sangola College, Sangola during 22 January 2020.

Department Achievements (M. Sc. Physics)

- **Pooja Bhise: Silver Medal Award** for **Second Meritorious Rank** in M. Sc. Physics examination (2019-20) from S. R. T. M. University Nanded.
- **Kadam Monika and P. B. Sarwade (M. Sc, II Year): Best Poster Presentation Award** in International Conference on Functional Advances in Material Science (IAMS-2020) at Rajeramrao Mahavidyalaya, Jat, Dist: Sangola during 20-21 January 2020.
- **Nitin gurude, S. L. Murukute, P. M. Pawar, Pravin. Kale, presented poster** in International Conference on Functional Advances in Material Science (ICAMS-2020) at Rajeramrao Mahavidhyalaya, Jat, Dist: Sangola during 20-21 January 2020.
- **Nitin gurude, S. L. Murukute, D. D. Kadam, P. M. Pawar, Pravin. Kale, presented poster in** International Conference on Recent Advancement in physical and chemical Science at Sangola College, Sangola during 22 January 2020.
- **Educational Tour:** An educational tour for 29 M.Sc. Physics students along with four faculty members Dr. L. V. Thakre, Dr. V. D. Mote, Mr. L. H. Kathwate and Miss. V. S. Chandak has been conducted during 15 February to 26 February 2020.
During this period visited some research Institutes: 1) Departments of Physics and Chemistry, Dr. B. A. University, Agra, 2) Materials Science Research Laboratory, Inter University Accelerator Centre (IUAC), New Delhi, 3) Department of Physics, Himachal Pradesh University, Shimla.
The students also visited many historical and heritage centres like, Taj Mahal, Agra Fort, Red Fort, Raj Ghat, Rock garden, Golden Temeple, Wagh-Aattari Border etc.

Department of Botany

Departmental activities:

Study tour to Yedshi – 17-9-2019.

UGC-CPE Sponsored One Day Workshop on ‘Mushroom Production Technology’ on 28-9-2019. (Coordinator: Dr. M. K. Gurme).

UGC-CPE Sponsored One Day Workshop on ‘Intellectual Property Rights: Indian Scenario’ on 16-12-2019. (Coordinator: Prof. S. K. Alane).

Soil and Water Testing Camp in collaboration with Aditya Soil and Water Testing Laboratory, Latur during N. S. S. Camp at Tandulwadi. (30-12-2019). (Coordinator: Prof. S. K. Alane).

Entrepreneurship Awareness Program in collaboration with MCED, Latur. (31-12- 2019 to 2 -1- 2020). (Coordinator: Prof. S. K. Alane).

Dr. C. S. Swami

- 1) Attended International Conference on ‘Recent Advances in Sciences’ at Shri Kumarswami Mahavidyalaya, Ausa on 2-12-2019.

- 2) Attended One Day Convention on ‘Catalyzing Incubation’ at University of Mumbai, Mumbai on 6-2-2020.
- 3) Publications:
- i) **C. S. Swami** (2019). Studies on toxin production in tomato fungi on different culture media. *Paripex – Indian Journal of Research* 8(12): 7-8 pp. **(ISSN 2250-1991)**.
 - ii) **C. S. Swami** (2019). Studies on effect of physical factors on protease production in tomato fungi. *Global Journal For Research Analysis* 8 (12) : 1-2 pp. **(ISSN 2277-8160). (Impact Factor: 5.956)**.
 - iii) **C. S. Swami** (2020). Effect of supplementation of amino acids on pectinase production in tomato fungi. *International Journal of Scientific Research* 9 (1): 37-38 pp. **(ISSN No. 2277 – 8179)**
 - iv) **C. S. Swami** (2020). Studies on pectinase production in tomato fungi on different culture media. *Indian journal of Applied Research* 10 (1): 50-51 pp. **(ISSN 2249-555X)**.
- **Mr. S. K. Alane**
Attended One Day Convention on ‘Catalyzing Incubation’ at University of Mumbai, Mumbai on 6-2-2020.
 - **Dr. M. K. Gurme**
Awarded Ph. D. Degree in Botany by S.R.T.M.U., Nanded (14 -9- 2019).
 - **Miss. A. S. Kamble**
Resource Person in ‘Inspire Internship Science Camp’ at Dayanand Science College, Latur on 22-23 October, 2019.
 - **Miss. N. R. Sude**
Attended Faculty Induction Programme at Indian Institute of Science Education and Research (IISER), Pune (30-10-2019 to 23-11-2019).
Resource Person in ‘Inspire Internship Science Camp’ at Dayanand Science College, Latur on 22-23 October, 2019.

Department of Chemistry

Various activities conducted by Dept. of Chem. & Ind. Chem.
Organized UGC-CPE sponsored one day workshop on swayam –NPTL Awareness on 2nd January, 2020.
Organized one day workshop on opportunities in chemistry on.
Organization of Educational tour to Natural Sugar factory at Ranjani.
Organized one day workshop entitled “Cyber Security” under merie – curie association on 1st Feb. 2020.

Department of Computer Science

New Academic Year starts from 16th June 2019. Computer department organizes following programs for students, teaching staff and non teaching staff.

1. **Computer Literacy program 2019-20**
 - a. With the availability of Non-teaching staff at the beginning of academic year 2019-20 computer science department organizes computer literacy program with title “**Handling Techniques of Office Automation**”. This is 5 days workshop from 20th June 19 to 25th June 2019 which includes hands on practical in MS-Word, MS-Excel, MS-Power point and Internet Use. 25 non teaching staff were benefited by this literacy program.

- b. This is the best practice conducted by Computer Science Department from last five Years and near about 100 non-teaching staff is benefited by this program and eligible to do there departmental office work.
- 2. Career Opportunities for E-learning and training**
- a. One day Career Counseling program was organized by computer department which was held on 13th July 2019. 30 students of BSC and B.Sc. (CS) were participated in this program. The program was well conducted by renowned career counselor Mr. Suraj Khandale.(Director of Angel Info-tech Aurangabad). Under E-learning environment he explained about MOOC (Massive Open Online Course).
- 3. Induction Program on PHP**
- a. To compete with the recent technology, computer science department organizes “Induction Program on PHP” dated on 22nd July 2019, which motivates to B.Sc. (CS), BSC, M.Sc.(CS) students. The main aim of this program is how to focus on New technology, how to get training, technology market values and projects. Near about 128 student attended this program and get motivated to enroll for 10 days program for PHP.
- 4. One Day state level workshop on syllabi of Computer Science in S. R. T. M. U. N.**
- a. In the academic year 2019-20 S. R. T. M. University, Nanded changed the syllabus pattern of BSC FY and B.Sc. (CS) FY. To discuss the applicability of this syllabus (Theory and Practical Pattern) with purpose of training to teachers, college decided to take the workshop in this issue on 24th July 2019. The main objective of this workshop was to discuss recent syllabus and applications of skill enhancement course in detail with researchers, teachers and student. 22 participants were enroll for this workshop from different colleges.
- 5. 10 Days training program on PHP**
- a. 10 days program on PHP was started on 25th July 2019 and completed on 3rd August 2019. 42 students from BSC, B.Sc.(CS) and M.Sc.(CS) are enrolled and successfully completed 10 days training program. The total training period is of 60 hrs. During this training session students get hands on PHP and developed a complete website. The program was well conducted by Mr. Suraj Khandale.(Director of Angel Info-tech Aurangabad). In the valedictory program students are felicitated with Certificate.
- 6. 10 Days training program on Obstacle Detection Robot**
- a. This was 10 days training program for students organized by Computer science program under UGC and CPE skill development program to give basic knowledge of the robot and make aware the students about Artificial Intelligence. 26 students from B.Sc. and B.Sc. (CS) were participated in this workshop.
- 7. Programming Maniac in C language**
- a. In association with Deogiri College, Aurangabad (IT and Animation Dept.) organizes state level C programming Competition. 118 students participated for this competition, amongst them 10 students shortlisted for medals and certificate and top 3 students received trophy, medal and certificate in first round. Shortlisted students are invited for second round at Deogiri College.
- 8. Computer Science Forum Inauguration**

- a. To motivate the computer science students and to organize different activities for the students department establishes Computer science Forum by taking interviews of interested students of B.Sc. and B.Sc.(CS). 10 office bearer were selected for this.
- 9. Poster Presentation Competition**
- a. Under computer science Forum Poster Presentation competition was conducted. 70 students from UG and PG were participated in this competition with blowing ideas and it is inaugurated by Dr. Ravishankar Borgaonkar (Asso. Prof., from Norway) and Mahesh Patrike (Regional Coordinator, MKCL). Numbers are selected class wise.
- 10. Guest Lecture**
- a. Digital Image Processing by Dr. Vikas Humbe (Asst. Prof.), School of Computer Science, S.R.T. M. U. Sub Center, Peth. For B.Sc. C.S. T.Y. and M.Sc. C.s. (F.Y and S.Y.) on 5th Feb. 2020.
- b. Fuzzy Logic System by Dr.S. Shrikhande (Asst. Prof.),School of Computer Science, S.R.T. M. U. Sub Center, Peth. For B.Sc. C.S. T.Y. and M.Sc. C.s. (F.Y and S.Y.) on 7th Feb. 2020.
- 11. Faculty Achievement**
- a. Dr. R. B. Shinde, Ms. S. A. Jaju, Ms. S. V. Kale, Ms. Patil, Mr. M. B. Sugare, Worked as resource person for 5 days workshop on Computer Literacy for Non-Teaching faculty from 20th June 2019 to 25th June 2019 In Department of Computer Science, Dayanand Science College Latur.
- b. Worked as a Judge for Poster Presentation Competition organized by Rajarshi Shahu Mahavidyalaya (Autonomous) on 17th October 2019.
- c. Worked as Resource Person for “Inspire Internship Science Camp 2019” for XI Science student held from 19th to 24th October 2019 at Dayanand Science College.
- d. Worked as Co-Ordinator for UGC-CPE Skill Development Program: 10 days workshop on “Obstacle Detection Robot” held from 30th Nov to 9 Dec 2019.
- e. Worked as Co-Ordinator for UGC- CPE Sponsored One day workshop on “Emerging Areas in Computer Science and Opportunities”.Dr. R. B. Shinde Worked as Coordinator for “One Day Workshop on Recent Syllabi of Computer Science in SRTMUN B.Sc.(CS)I Year & B.SC. I Year Computer Science” On 24th July 2019 Organized by Department of Computer Science, Dayanand Science College Latur.
- f. Ms. S. A. Jaju and Dr. R. B. Shinde published a paper entitled with “A Fuzzy Logic Based Personalized Result Analysis Support for Student Performance Up-Gradation” In 4th International Conference on Management, Engineering, Science, Social Science and Humanities (iCON-MESSSH’19) during July 26-27 2019, at Phuket, Thailand.
- 12. Student Achievement**
- a. Ms. Ayesha Lalasaheb was selected in Wipro and join as a Trainee-Computer Application which will be in Career Band WASE/WIMS of the organization. on 21st Jun 2019.
- b. Mr. Dattatray Dinkar Narhare was Appointed as Relationship Executive in The Catholic Syrian Bank Ltd.
- c. Mr. Pawar Vijay Kumar, Mr. Niranjana Tawishkar and Mr. Dattatray Narhare was selected in ICICI Bank.
- d. District level Avishkar- 2019-20 held on 31st Dec. 2019. 11 students from our department were participated for this district level competition amongst then for UG category in Humanity Section Mr. Vedpathak Sanjay and Nagagoje Siddheshwar selected for the next round.

- e. Department level poster presentation competition conducted under computer science forum on 18 th Dec. 2019. Salunke Priya, Mane Varsha (Bcs. F.Y.), SolunkeTrambak(M.Sc. FY), Chaitnyakambale, Priyanka Mane & Vishal Galphad (BCS SY), Fulsundar Mohini (B.Sc. TY) got first price.KaldateRutuja, Deshmukh Rutuja, Bhutade Vaishnavi (B.Sc. FY), Vaishnavi Jadhav, Monica Dodke(B.Sc. SY), Waghmare Dipali (BCS TY) got second price.
- f. Regional Level Poster presentation Competition Techno 2020 held at S.R.T.M.U. Sub Center, Peth. Viraj Bhimpure and Swapnil Mathpati Stands First , PrasahntHandge stands Second and Kranti Kalyani & Priyanka Solunke got Consolation price.
- g. Five students are selected for internship program by two companies. In DECURE company Mr. Dhiraj Dhumal and Ajay Yelgate has been selected as a interns, and in MEDICALWAL.com company Deepali Waghmare, Rohini Ghume, Priyanka Potdar, Ravina Bhosale, and has been selected an intern and completed their one month interns program on 1St Feb. 2020.

13. Workshops / Seminars / Conferences Attended By Faculty

Sr. No	Program Name	Date	Sponsored	Organized BY	Participants / Beneficiary (From Department)
1	6-Days Faculty Development Program on PHP	24 th June 2019 to 29 June 2019.	Computer Science Department in association with Treezec E-Solution Pvt. Ltd.	Dayanand Science College	9 Faculty from Department
2	One Day Workshop on Recent Syllabi of Computer Science in SRTMUNB.SC.(CS) I year and B.Sc. I Year Computer Science.	24 th July 2019	SRTMUN	Dayanand Science College Latur.	22 Total Participants
3	One Day Workshop on 'Energy Awareness and Management'	9 th August 2019	UGC-CPE Sponsored	Dayanand Science College Latur.	9 Faculty from Department
4	6 days Faculty Development Program on cyber Security	16 th September to 21 st September 2019	Latur conducted by Faculty development center Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.	Rajarshi Shahu Mahavidyalaya (Autonomous),	1 faculty
5	"Intellectual Property Rights: Indian Scenario".	16 th December 2019	UGC-CPE Sponsored One Day Workshop	Dayanand Science College, Latur.	9 Faculty from Department
6	One Day Workshop For Women	17 Dec 2019	Maharashtra State commission for women	RajarshiShahuMahavidyalaya (Autonomous),	2 faculty

7	“Emerging Areas in Computer Science and Opportunities”	18 th December 2019	UGC-CPE Sponsored One Day Workshop	Dayanand Science College, Latur.	9 Faculty from Department
8	Two day Interdisciplinary National Workshop one - content Development For Effective Teaching And Learning.	3 rd and 4 th Jan. 2020	SRTMUN jointly organized	Smt. Sushiladevi Deshmukh Sr. College, Latur	1 faculty

Department of Industrial Chemistry

1. Various activities conducted by & Ind. Chemistry Aug 2019-Feb2020.
2. On Dated 12th July 2019 One Day Workshop on “ **Maharashtra Youth Understanding Value of Air for Latur City**” sponsored by UGC-CPE and MPCB Latur.
3. On Dated 24st august 2019 dept of Industrial Chemistry Students Association establishment.
4. On Dated 31st august 2019 dept of Industrial Chemistry Students Association Inauguration ceremony.
5. On Dated 31st august 2019 to 01 august 2019 dept of Industrial Chemistry organized two day workshop on Carrier Opportunities in Industrial Sector sponsored by UGC-CPE.
6. On Dated 25st January 2020 dept of Industrial Chemistry organized Industrial Visit at Educational tour to Natural Sugar factory at Ranjani. TQ Kalam

Portfolio

Student Welfare Council

1. Health check Up Programme on dated 31/01/2020
2. One Day Workshop on T.B awareness organized by UGC-CPE on Dated 31-01-2020 for B.Sc and M.Sc students.
3. Student Council organized an Annual Gathering on Dated 13,14,15,February 2020.

Dept. of Zoology & Fishery Science

1. Study tour :-

Dept of zoology organized one day study tour for students at Maharashtra Matsya Beej Kendra at kesapuri camp, Majalgaon to study fish breeding , on 17/08/2019.

2. Departmental activities:-

- i) Dept of zoology celebrated “National Wild Life Day ” on 04/09/2019.
- ii) Dept of zoology organized guest lecture on “Antartica” on 16-09-2019.
- iii) Dept of zoology and fishery science organized one day workshop on “Scope And Opportunities In Fishery Science” sponsored by **UGC-CPE** on 09-12-2019.
- iv) Dept of zoology organized guest lecture on “Anything About Snakes” by Wild Life Expert on 18-01-2020

3. Faculty :-

i) Dr R. V. Solunke:-

Research paper published - 04(int)
Conference/ workshop attended- 04 .
Paper presented – 02

Awarded fellowship by society of life-sciences satna (M.P) on 14-12-19

ii) Dr R. V. Kirtane:-

Presented paper -01

Conference/ workshop attended- 01.

iii) Dr S. D. Bondage:-

Presented paper- 01

Published one paper- 01

Department of Microbiology

Research Publications:

1. Vishnu A. Adole, **Rahul A. More**, Babu S. Jagdale, Thansing B. Pawar, and Santosh S. Chobe; Efficient Synthesis, Antibacterial, Antifungal, Antioxidant and Cytotoxicity Study of 2-(2-Hydrazineyl)thiazole. *Chemistry select* (2020) 5, 1 – 10. (Impact factor-1.76)
2. **Rahul A. More**^{1*}, Govind B. Sanap², Mahesh A. Karale¹, Rajesh N. Gacche³, Yuvraj P. Sarnirkar. Antioxidant and Cytotoxicity Profile of the Selected Alcoholic Beverages Widely Consumed In the Maharashtra State of India. *Indian Journal of Public Health Research & Development* (Accepted)
3. P. A. Karale, **M. A. Karale**, P. R. Chavan and P. Thaware. Inflammation: A Potential Scenario On Novel Targets And Targeted Drug Therapy. *IJPSR*, 2019; Vol. 10(12): 5284-5293.
4. Nagnath Nandu Phartale, Tukaram Angadrao Kadam, Hemlata J. Bhosale, **Mahesh A. Karale** and Gyananath Garimella. Exploring the antimicrobial potential of *Pardosa brevivulva* silk. *The Journal of Basic and Applied Zoology* (2019) 80:31

Activities conducted:

1. Rangoli competition on Immunology and inauguration of Microbiology Society India student unit. Date 18.09.2019 Participant- 120.
2. One day workshop on **Carrier Opportunities in Life Sciences**. Date 11.01.2020 Participants: 156.
3. Study tour: at **Natural sugars and allied industries and Natural Dairy industry** at post Ranjni date 29.12.2019, Participants- 41.
4. Three days National Level Training cum workshop on **Proteomics, Genomics and Bioinformatics**. From 24 to 26 Feb 2020 participants- 137.

Department of Languages

- Ms Pandit M.M. presented a research paper on the topic 'Conflicts in Consciousness : A Study of Select Poems of T. S. Eliot' in the International Interdisciplinary Conference held at S. R. T. M. University, Nanded (20-21 January 2020)
- Ms Pandit M. M. was invited as a Chief Guest by Prerana Pratishthan, Mangalwedha for Rajyastariy Krutishil Shikshak Puraskar Witaran Samarambh, held on 22 Sept. 2019
- Ms Pandit M. M. was invited as a Chief Guest in Rajarshi Shahu Mahavidyalaya (Autonomous), Latur for the inauguration of Langlit- Students' Association of English on 15 Oct. 2019
- Ms Pandit M. M. participated in Two Day Interdisciplinary National Workshop on 'E-Content Development for Effective Teaching and Learning', organized by Smt. Sushiladevi Deshmukh Mahavidyalaya, Latur (3-4 January 2020)

- Ms Pandit M. M. attended one day workshop on 'Digital Literacy', jointly organized by Rajarshi Shahu Mahavidyalaya(Autonomous),Latur and Maharashtra Rajy Mahila Aayog, Mumbai on 17 December 2019
- Ms Pandit M. M. participated in One Day University Sponsored Workshop on 'New Syllabus in English (B. A. First Year)' held at Swami Vivekanand Mahavidyalaya, Shirur Tajband, Dist. Latur on 03/08/2019.
- Ms Pandit M.M. delivered a speech at Mauje Tandulwadi, Dist. Latur on 31/12/2019 during the NSS Winter Camp
- Dr. Bane G. H. completed a Refresher Course in 'Modern Indian Languages 'at Maulana Aazad National University, Hyderabad (10-23 December 2019).
- Dr. Bane G. H. was invited as a Chief Guest on the occasion of Hindi Din at Dayanand Commerce College, Latur (28 Sept.2019).
- Dr. Bane G.H. attended One Day Workshop on Hindi Syllabus at Swami Vivekanand Mahavidyalaya, Shirur Tajband on 3 August 2019.
- Dr. Shetkar R.R. published the article entitled 'Aakhada: Chalwal aani Kranticha Buland Aawaz' in Rankandan Visheshank of 93rd Akhil Bhartiya Marathi Sahitya Sammelan held at Osmanabad(11 January 2020).
- Dr. Shetkar R.R. delivered a speech at Mauje Tandulwadi, Dist. Latur during the NSS Winter Camp.
- Ms Pandit M. M. and Dr. Shetkar R. R. attended One Day Workshop on 'Intellectual Property Rights : Indian Scenario' organized by Dayanand Science College, Latur(16 December 2019).
- Ms Pandit M.M., Dr. Bane G.H. and Dr. Shetkar R.R. participated in One Day Workshop on 'Intellectual Property Rights and Patent Filing' organized by Dayanand College of Arts, Latur(04 December 2019).
- Ms Pandit M.M. and Dr. Shetkar R. R. attended One Day Workshop on 'Energy Awareness and Management' organized by Dayanand Science College, Latur on 9 August, 2019.
- Dept. of Lanuages celebrated Marathi Bhasha Sanvardhan Pandharwada by conducting poster presentation activity and organizing a guest lecture of Dr Shivajirao Jawalgekar(Head, Dept. of Marathi, Dayanand College of Arts, Latur).
- Dept. of Languages celebrated Hindi Din on 14 September 2019 by organizing a guest lecture of Dr. Satish Yadav(Head, Dept. of Hindi, Shivaji Mahavidyalaya, Renapur, Dist. Latur)
- Dept. of Languages and Library jointly organized Book Exhibition on the occasion of Wachan Prerana Din on 15 October 2019.
- Celebrated Alpsankhyank Hakk Din on 18 December 2019 by conducting poster presentation activity.
- Dept. of English in collaboration with Dept. of Computer Science organized One Day Workshop on 'Soft Skills and Personality Development' who have been selected for company training.

Literary and Cultural Association

The Literary and Cultural Association has conducted the following activities :

- Inauguration of Literary and Cultural Association was held on 29 August 2019 by the hands of Mr. Balaji Sul(Mimicry Artist).
- Celebrated Sadbhawana Din, Samajik Aaike Pandharwada and Ahilyadevi Holkar Punyithi by conducting poster presentation activity.

- Organized Three Days Workshop on ‘Fine Arts’ (13-15 September 2019). Total 52 students participated in this workshop.
The following students have made a mark at intercollegiate level competitions by winning prizes.
- Miss Neha Sanjay Jadhav (B. Sc. II) bagged second prize in ‘Marathwadyacha Yuwawakata intercollegiate’ Latur District level elocution competition held on 6 January 2020 at Rajarshi Shahu Mahavidyalaya (Autonomous)
- Miss Manisha Prakashrao Deshpande (B. Sc. I) got third prize in ‘Marathwadyacha Yuwawakata ‘ Intercollegiate Latur District level elocution competition held on 6 January 2020 at Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
- Miss Manisha Prakashrao Deshpande got consolation prize in intercollegiate debate competition held at Terana Mahavidyalaya, Osmanabad on 3rd January 2020
- On the occasion of Annual Gathering 2019-2020, the Association organized different competitions between 13 & 14 February 2020. These are – Elocution, Essay Writing, Singing, Solo Dance, Group Dance, Hair Style, Mehendi, Rangoli and Poster Presentation

College Magazine Committee Report

- Publication of college magazine ‘Unmesh’ on 29 August 2019 by the hands of Hon. President Lakshmiramanji Lahoti, Vice President Shri. Arvindraoji Sonwane and Secretary Shri Rameshji Biyani
- Distribution of cash prizes for best writing to the following students-
 1. Bhalkudake Tushar Shivaji (Marathi Section)
 2. Miss Badgude Sayali Sandip (B.Sc. F.Y.) (Hindi Section)
 3. Miss Palasapure Vidhi Subhash (M. SC. II Microbiology) (English Section)

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 03rd June to 12th 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.

Report of NPTEL 2019-20 Introduction :

- **SWAYAM** or **Study Webs of Active Learning for Young Aspiring Minds** is a programme of the Ministry of Human Resource Development, Government of India, that enables professors and faculties of centrally funded institutions like IITs, IIMs, Central University Of Haryana to offer online courses. Previously, the courses were only for the citizens of India, but now they are offered to anyone in the world having an internet connection.
- SWAYAM, the free online education was developed by MHRD, Govt. Of India and AICTE with the help of Microsoft. It offers hundreds of courses with transferable credits.
- All courses are offered free of cost under this programme, however fees are levied in case the learner requires a certificate.
- In the first phase, IIT Bombay, IIT Madras, IIT Kanpur, IIT Guwahati, University of Delhi, Jawahar Lal Nehru University, IGNOU, IIM Bangalore, IIM Calcutta, Banaras Hindu University, alone as well as with the help of faculty from foreign universities will be offering courses in areas of engineering education, social science, energy, management, basic sciences. At least one crore students are expected to benefit in 2 to 3 years through this initiative. India has become one of the few countries in the world which has its own online interactive learning platform that provides not only video lectures and reading material but also assignments/quizzes that could end up in securing credits after completing the assessment system. Ex-President of India Shri Pranab Mukherjee launched the SWAYAM and SWAYAM Prabha, the 32 DTH channels operationalised for telecasting educational content free of charge using the GSAT-15 satellite transponders.

3. Outcomes

For announcements, you may go to <http://nptel.ac.in/>. The main outcomes/objectives are as follows.

1. NPTEL web and video courses across 23 disciplines are available on our portal nptel.ac.in.
2. In 2014 process of getting certified from NPTEL courses was initiated, so that learners get a tangible end result in the form of a certificate from the IITs/IISc for their effort.
3. Certification courses are offered twice a year (Jan-Jun, Jul-Dec).
4. Joining a course is free.
5. Anyone can learn from these courses anywhere anytime.
6. No pre-requisites, no age limit, no entrance criteria to enroll.
7. Learning can be done by watching videos and this is tested by the weekly assignments, that are to be submitted online within the prescribed deadline.
8. Any queries/doubts you may have, you can post in the respective discussion forum, which will be answered by the faculty and his/her team.
9. There is an optional proctored certification exam that the learner can take for a nominal fee at the end of the course to earn certificates from the IITs.
10. Enabling students to obtain certificates to make students employable in the industry or pursue a higher education program.
11. Relevant exposure to tools and technologies are being offered.
12. The learner has to be present in person for the exam and currently exams are conducted only in India in about 130+ cities in two shifts. Learner has to appear at the designated exam centre to participate in the exam, where his/her id is verified.
13. The 25% of the final marks comes from the Assignments and 75% from the final exam.
14. To enhance skills and gain essential knowledge required for student's field or brushing up the basic key concepts.
15. To build a strong resume and character ultimately grooming students to get easily absorbed in a cooperate life.

The main benefits of participating in an online course under NPTEL are:

1. Students: credit transfer and better resume.

2. Faculty: Refresher courses, AICTE recognized FDP courses.

3. Working professionals: For upskilling and reskilling.

Certification of students in various categories July-Oct 2019

Course Run	Present	Gold	Elite	Successful	Participation	Topper
July-Oct 2019	5	0	5	0	5	0
Jan-Apr 2019	5	0	1	1	1	2
Jul-Oct 2018	3	0	1	0	2	0

SWAYAM-NPTEL Exam Result

Course Run	Present	Gold	Elite	Silver	Successful	Participation	Topper
July-Oct 2019	5	0	4	1	0	5	0
Jan-Apr 2019	5	0	1	1	1	2	0
Jul-Oct 2018	3	0	1	0	2	0	0

Statement of teachers attending the SWAYAM-NPTEL workshops

Sr.No.	Workshop title	Date of the workshop	Name of the teacher
1.	SPOC Felicitation Workshop/ NPTEL Awareness program at IIT, Bombay	12 January 2018	Dr.R.S. Shinde
2.	SPOC Felicitation Workshop/ NPTEL Awareness program at IIT, Bombay	12 January 2018	Dr. S. S. Mahurkar
3	NPTEL Awareness program at S.R.T.M. University, Nanded	19 July 2019	Dr. S. S. Mahurkar

Local Chapter Outcome

The achievements of the Three batches in our college are given below:

Achievements of the two batches in 2018	Jan-Apr 2018	Jul-Oct 2018	Jan-Apr 2019	July-Oct 2019
Total enrolments to the online free course	68	120	155	220

Number of students submitting exam forms	-	04	04	07
Number of students appeared for the exam	-	04	04	05
Number of students who successfully completed the course	-	03	03	05

Course Wise Outcome of July- October 2019 batch

Sr. no	Course-Id	Course Name	Present	Gold	Elite	Success	Participation
1	noc19-ma18	Calculus of One Real Variable	3	0	3	0	0
2	noc19-bt15	Genetic Engineering: Theory and Application	1	0	01	01	0
3	noc19-ma23	Introduction to Abstract and Linear Algebra	1	-	1	-	-

Report of Sports Department

In this current year our college students have participated in the various sports events. In this regard sports department have organized coaching camp of Badminton, Volleyball and Cricket. On the occasion of National Sports Day Sports department have organized 'A' Zone inter collegiate Cross Country (men & women) tournament on 29th September 2019. Sports department also have organized 'A' zone inter collegiate Table Tennis (men & women) tournament on 31st August 2019. Sports department also have organized 'A' zone inter collegiate Cricket (women) tournament on 5th December 2019. Our Girls Cricket, Badminton & Volleyball Team achieved Ist place In 'A' Zone Inter collegiate tournaments. Our Boys Cricket, Baseball & Softball Team achieved IInd place In 'A' Zone & Central Zone Inter collegiate tournaments.

Our students Prasenjeet Lamture, Rahul Kadam, Bajrang Rankham, Rohit Tekale, Pooja Jadhav, Anandi Panchal, Poonam Chavan, Parmeshwari Patane, Vaishnavi Joshi, Namrata Kulkarni, Shivani Birajdar have represented Swami Ramanand Teerth Marathwada University, Nanded in the all India & west Zone various Inter University Tournaments.

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/- Development work of Cricket ground is completed.

Dr. M. A. Bembde have participated in the international conference on physical education & presented research paper. This conference was organized by Manipal University, Jaipur On date 09th to 11th January 2020.

NCC Department Report

- Enrolled 53 students in NCC.
- Started Girls Senior Wings.
- Selected NCC Senior : SUO Abhishek Milind Housalmal
- Selected NCC Representative: JUO Abhijit Suryakant Kaspate

CAMP ATTENDED:

- 1) ATC Camp at Babhalgaon – 13 Cadets was participated.
- 2) ATC Camp at Babhalgaon – 12 Cadets was participated.
- 3) IGC-RDC – 01 Cadets was selected.
- 4) TSC Ahmednagar – 02 Cadets was participated.
- 5) BLC at Nagpur – 02 Cadets was participated.

SOCIAL ACHIEVEMENTS:

- 1) Cleanness Drive.
- 2) Blood Donation Camp.
- 3) Health Check-up Camp.
- 4) Tree Plantation.
- 5) Leprosy Awareness Rally.
- 6) Pulse-Polio.
- 7) AIDS Rally

ACHIEVEMENTS:

1. 100 % result in 'B' Certificate and 90 % in 'C' Certificate examination.
2. SUO Abhishek Milind Housalmal has selected for IGC-RDC Pune.
3. SUO Abhishek Milind Housalmal and Dipak Jagdishprasad Jangid have Selected in Best Leadership Camp (BLC) held at Nagpur and achieved Best Cadet Award
4. Abhijit Suryakant Kaspate, Suhel Suryakant Gundre and Vikas Balaji Patil have got Silver medal in Volleyball event in ATC at Babhalgaon.
5. Vaibhav Balaji Doiphode and Keshav Balaji Ghadge have received Silver medal in Kho-Kho event in CATC at Babhalgaon.
6. Suhel Suryakant Gundre and Vikas Balaji Patil were participated in Army Attachment Camp at Ahmednagar.

Youth Festival Report

S. R. T. M. University, Nanded has conducted "Vilas -2019" youth festival during 21 Sept. to 24 Sept. 2019 at Late Venkatrao Deshmukh Mahavidyalaya, Babhalgaon.

In this youth festival 30 students have participated in 25 different events.

ACHIEVEMENTS:

1. 2st Prize – Spot Photography Competition - Students Name: Nishad Ramesh Bhute.
2. 2nd Prize – Western Solo Singing Competition -Students Name: Shraddha Ramakant Kapse.
3. 3rd Prize – Drama (Best Actress) - Students Name: Shraddha Vyankat Hande.
4. 3rd Prize – Cartooning Drawing - Students Name: Omkar Narhari Ghar.
5. 3rd Prize – Western Group Singing Competition -
Students Name: Shraddha Ramakant Kapse, Neha Indrajeet Dhage, Shivani Manish Dharashivkar, Shruti Anil Joshi, Abhijeet Suryakant Kaspate, Pushkar Gajanan Sabnis.
6. 3rd Prize – Installation Competition –
Students Name: Omkar Narhari Ghar, Mayuri Anil Kale, Rutuja Anil Mhetre, Ramraje Tanaji Kale

Special Information (if any)

- ❁ Nishad Ramesh Bhute has selected in State Level 17 Indradhanushya Inter University Competition 2019 at Gadchiroli. After that He was selected in Association of Indian University West Zone Inter University youth festival at UKA Tarsadia University, Bardoli, Gujarat.

Name of the Faculty: Miss S. D. Lokhande (Co-ordinator of Science Association 2019-20)

Report of Science Association

1. Program Name: Inauguration of Science Association 2019-20.

Report:

Inauguration of Science Association 2019-20 was held on 20th Aug 2019 on Tuesday at 11 a.m. at Dayanand science college Seminar hall. The chief guest for the program was Dr. M. M. Betkar (Principal, Shri Kumarswami College, AUSA). Around 50 to 60 students were present for the program. Our guest graced us with their valuable words. The program marked its conclusion by 1.00 pm.

2. Program Name: Drama on 'Andhashraddha Nirmulan' in NSS camp.

Report:

Science Association organized **drama on 'Andha shraddha Nirmulan'** on 1st January 2020 in NSS camp at Tadulwadi village. All the members of science association were participated in this drama. More than 50 villagers were present to watch the drama. The motto of this drama was to address the people of the village about, there is "science behind every superstition."

3. Program Name: 8th state level Science Talent search examination-2020 in Association with Balbhim Arts, Science and Commerce college, Beed.

Report:

Science Association-2019-20 of Dayanand science college organized **8th state level Science Talent search examination-2020** in association with Balbhim arts, science and commerce college, Beed on 18th January 2020 from 1.00pm to 2.00 pm at Rajarshi Shahu college, Latur. Around 40 students participated in the examination. Miss. Karad Radhika of B.Sc IInd year received IIIrd prize in this intercollegiate state level competition.

4. Program Name: Science Quiz

Report:

Science Association has organized **Science Quiz** in Annual gathering on 13th February 2020 at 1.30 pm in hall No.-09 of Dayanand Science college. There were two participants groups, Biological and Non-Biological group. Around 20 students participated in the quiz. From Biological groups the winners are Mr. Varma Vedant and Miss. Panchal Anandi and from Non-biological group the winners are Miss. Agrawal Sakshi, Miss Patil Rupali and Mr. Ghule Akash. The Quiz competition was concluded around 3pm. The certificates were given to the winners on the last day of the annual gathering on 15th February 2020.

Name of the Faculty: Miss S. D. Lokhande (Co-ordinator of Yuwati Kalyan -Mandal 2019-20)

Report of Yuwati Kalyan Mandal

1. Program Name: Inauguration of Yuwati Kalyan Mandal 2019-20

Report:

Inauguration of Yuwati Kalyan Mandal 2019-20 was held on 27th sept 2019 on Friday at 11 am. at Dayanand science college Seminar hall. The chief guest for the program was Mrs. Kumudini Bhargav (General Secretary, Bhartiya Stree -Shakti, Latur). Around 70 students were present for the program. She addressed the students by saying that Indian culture is the best culture in the world and everyone should foster this culture. The program marked its conclusion by 1.30 pm.

2. Program Name: Dandiya Utsav 2019-20.

Report:

Yuwati Kalyan Mandal organized '**Dandiya Program**' for all the girls students as well female staff members of the Dayanand Science college during the 'Navratri Festival' on 7th oct 2019 from 4pm to 6pm in front of Chemistry department of Dayanand Science college.

The opening dance performance was performed by the members of Yuwati Kalyan Mandal. Around 40 to 50 students and all the ladies staff members were present during the Dandiya program. Program was concluded around 7pm.

3. Program Name: Three days Entrepreneurship Awareness Camp in association with Entrepreneurship development Centre, Latur

Report:

Yuwati Kalyan Mandal in association with Entrepreneurship development Centre, Latur And Department of Botany, DSCL has organized '**Three days Entrepreneurship Awareness Camp**' on 31st December to 2nd January 2020 in Dayanand Seminar Hall. Chief guest for the program were Dr.Manmathappa Herkar(Chief Co-ordinator of Beed VyapariMahasanga.) Mr. Ramesh Jadhav (Project Officer, Maharashtra Entrepreneurship development Centre) .They addressed the students and said one should start from the small-scale business.

4. Program Name: Health Check-up Camp for Girls

Report:

Yuwati Kalyan Mandal in association with N.S.S organized **Health check-up** for girls of Dayanand Science College on 31st January 2020. Dr. Sarita Shende, Clinical Psychologist at C. S Latur and Dr.Sarika Deshmukh, Obstetrician and Gynecologist were specially invited for the girl's check-up. More than 200 girls were present in the camp. Doctors advised them various medicines and consultation.

IQAC- Coordinator

Principal

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Dayanand Science College,
Latur, M.S. (INDIA)

Principal
Dayanand Science College
LATUR 413512

