



Nanded Education Society's

Science College, Nanded

Tel: 02462-250 465, 251 648

www.sciencecollegenanded.org

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)
(Reaccredited with "A" grade by NAAC with (CGPA 3.38) 3rd Cycle, CPE Status,
DST-FIST, Best College Award (SRTMUN))



**Annual Quality Assurance Report
2022-23**

Criteria- 3

Research, Innovations and Extension

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Innovation Ecosystem in College

- The College Management has been motivating the faculty and students to undertake innovative research.
- It has been promoting policies and practices, making adequate resources available.
- It encourages active research involvement of teachers and scholars in research.
- It motivates by recognizing any achievement of teachers in research.
- The College promotes the research culture among the faculty members and the students.
- The college has made available the required infrastructure in terms of space, place and equipment with adequate support facilities on the campus for undertaking research.
- The College collaborates with other agencies, institutions, research bodies for sharing research facilities and undertaking collaborative research.
- The College provides support in terms of financial, academic and human resources required and timely administrative decisions to enable faculty to submit project proposals and approach funding agencies for mobilizing resources for research.
- The college provides support to its faculty for submitting research projects and securing external funding through flexibility in administrative processes and infrastructure and academic support.


Incubation Centre

- The College has Incubation centre at primary stage.
- It motivates in cultivating the interests, hobbies of the students into their own employment.
- The teachers' role is very significant in this practice. Teachers play the role of facilitator, guide and motivator.
- Training programmes, Awareness Camps, faculty development programmes are being organized for the development of entrepreneurship among the staff and the students in collaboration with MCED.
- Especially planning training programmes organized for girl students' entrepreneurship skills development.
- Efforts are done to fulfill the need of the hour to have visualization and a strong partnership between R & D institutions, academia and industry that will give the essential scientific and technological strength to the nation to flourish various startups. Institute has signed MoUs with the industries for this purpose.
- It tries to support students who are powerful human resource who can be promoted for the participation in the industry.

The innovation ecosystem initiatives taken are as follows:

- There is a research committee at college level for making policy related to research and innovation.
- There is an incubation Cell created as per norms of Centre for innovation, incubation and Linkages at SRTM University.




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- **MOUs are signed with following Institutes.**

| Name of the MoU / Collaboration / linkage | Year of signing | Duration | List the actual activities under each MOU and web - links year-wise |
|---|-----------------|-------------|--|
| Elite Softwares, Pune | 02/01/2020 | Five years | Website Designing and Maintenance |
| Gramin Shikshan Prasarak Mandal's Gramin Science (Vocational) College, Nanded | 16/01/2020 | Five years | Science Exhibition |
| Mayank Aquaculture Pvt. Ltd. Surat, Gujarat. (India) | 10/02/2021 | Five Years | Organized workshop on "Zinga to Zingala" for Entrepreneurship Development on D. 12/04/2023 |
| Shri Buddhiswami Shikshan Prasarak Sanstha's Shri Guru Buddhiswami Mahavidyalaya, Purna(Jn.), Dist. Parbhani. | 05/08/2021 | Five Years | Research Facilities provided at our research centre. Students pursuing Ph.D. in Zoology and Botany |
| M. S. P. Mandal's Arts, Commerce and Science College, Kille Dharur, Dist, Beed | 15/11/2021 | Five Years | Research Facilities are provided to the faculty of collaborative institute |
| Vichar Vikas Mandal's Mahatma Gandhi Mahavidyalaya, Ahmedpur Dist. Latur MS. | 14/12/2021 | Five Years | Research Facilities are provided to the faculty of collaborative institute |
| Digambarrao Bindu ACS College, Bhokar Dist. Nanded (MS) India (Linkage) | 27/12/2021 | Five Years | Research facilities provided at our research centre. Students pursuing Ph.D. in Zoology |
| Library, Gramin (Art, Comm. & Science) Mahavidyalaya, Vasantnagar (Kotgyal) Tq. Mukhed Dist. Nanded (MS) | 2021-2022 | Five Years | Library facilities are provided to the faculty of collaborative institute |
| Global Sanskrit Forum, Delhi, Flat No. B-5Kh. O. 97/2. Galli no. 8/1, Near Yamuna Bio- Diversity Park, Delhi-110084 | 24/04/2022 | Three Years | Workshop organized on "Ethical Values" dated 08/08/2022 |
| Amravati Garden Club, Amravati Vivekanand Colony, Amravati | 07/04/2022 | | One Day Workshop on "Shevanti Cultivation and Conservation" dated 22/08/2022 |



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| Department of Chemistry, Balbhim Arts, Science and Commerce College, Beed and Department of Agrochemical & Fertilizers, N. E. S. Science College, Nanded (Linkage) | 04/04/2022 | Three Years | Lab facilities provided to the faculty of collaborative institute |
| Abhinav Bharat Shishan Sanstha's Netaji Subhashchandra Bose Arts, Commerce and Science College, Nanded | 29/04/2022 | Five Years | District level seminar competition organized in collaboration with Marathwada Mathematical Society, Aurangabad and NSB College, Nanded. |
| Warsa: Ethnic Knowledge Heritage Society Anjangaon Surji, Yash Nagar, Anjangaon Surji Dist. Amravati- 444705 (MS), India | 02/07/2022 | Ten years | One day workshop on "Medicinal Plants: Authentication, Cultivation and future prospects" organized by Dept. of Botany, Microbiology and Biotechnology, Science College, Nanded in collaboration with WARSA: Ethnic Knowledge Heritage Society, Anjangaon Surji on 17th February 2023. |
| Department of Fishery Science, Dnyanopasak Shikshan Mandals, Arts, Commerce and Science College, Jintur Dist. Parbhani (Linkage) | 18/07/2022 | Five Years | Research Facilities provided at our research centre. Students pursuing Ph.D. in Physics and Fishery Science |
| Godavari Drugs, MIDC, Nanded | 19/07/2022 | Five Years | Campus Placement Drive on 31st December 2022. Godavari Drugs company conducted interviews and placement. |
| Dayanand Science College, Latur, Dist. Latur-413512 | 02/08/2022 | Five Years | Interaction between both the institute for accreditation process |
| "K" Kedar Khamitkar & Associates, Latur (MS) Empanelled Energy Auditor- MEDA Government of Maharashtra | 26/12/2022 | Three Years | Petroleum Conservation Research Association Ministry of Petroleum & Natural Gas, Govt. of India and Nanded Education Society's SCIENCE COLLEGE, NANDED Joint Initiative Institutional Training Programme Topic: Energy Sources for Sustainable Development on D. 26/12/2022 |
| Sevadas Shikshan Prasarak Manda's Vasantao Naik College, Vasarni, Nanded (Department of Languages) | 31/12/2022 | Five Years | Collaborative research work. Students are pursuing Ph.D. at our research centre |



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|--|------------|-------------|---|
| AnviTechsys Software Company, Pune For Entrepreneurial Skill Development, Outcome Based Trainings, Placement and Related Services | 04/01/2023 | Three Years | |
| Department of Fishery Science, Dayanand Science College, Latur | 16/01/2023 | Five years | |
| Maharashtra Centre for Entrepreneurship Development (MCED), Co-operation in the field of Entrepreneurship & Skill Development Area | 04/02/2023 | Five Years | Women Entrepreneurship Development Programme organized by department of Science and Technology and Science College, Nanded on D.04/02/2023 |
| The Art of Living (TAOL) | 13/02/2023 | Three Years | One Day Workshop on "Health and Happiness" on D. 19/01/2023 |
| NASSCOM Foundation | 16/03/2023 | Life Time | NASSCOM FOUNDATION DIGITAL LAB Inauguration on. D. 04/05/2023 |
| Ambition Fertilizer. New Mondha, Nanded-431602 | 25/10/2023 | One Year | -- |
| Kisan Agriculture Foundation, Umarkhed, Dist. Yavatmal-445207 | 08/10/2023 | One Year | -- |
| Aditya Green Energy Private Limited (AGEPL), Latur-Maharashtra | 26/12/2022 | Three Years | -- |
| A. E. S. Arts, Commerce and Science College, Hingoli, department of Zoology (Linkage) | 08/08/2023 | Five years | -- |
| Department of Zoology S. S. M. E. S. Shri. Sant Gadge Maharaj Mahavidyalaya, Loha. Tq. Loha, Dist. Nanded | 18/09/2023 | Five years | -- |
| Organization-ILUMEN Pvt. Ltd. | 17/08/2023 | Five years | -- |


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- **The institutional library provides facilities to support innovative ecosystem at college for research and creation of knowledge.**

| Library resources | Digital Library |
|--------------------------|------------------------|
| Books | N. List |
| Journals | DELNET |
| Encyclopedia | e – journals |
| Reading Rooms | e-books |
| OPAC System | e-ShodhSindhu |
| Databases | e-Shodhganga |



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Research Center available at college:

Research centre for Botany, Chemistry, Mathematics, Zoology and Physics are available. To support research activities well equipped laboratories, computers, internet and all other ICT facilities are available for research.

Consultancy Services

Dr. D. M. Jadhav

| Sr. No | Name of Institute to whom consultancy given | Nature of Consultancy | Date | Amount |
|--------|--|---------------------------------------|------------|-----------|
| 1 | Swapnali Kambli Government Ayurvedic College Osmanabad | HPTLC Consultancy of Research Work | 16/03/2022 | 4000=00 |
| 2 | Diksah Bhirad Government Ayurvedic College Osmanabad | HPTLC Consultancy of Research Work | 16/03/2022 | 4000=00 |
| 3 | Shankar Vyahare Government Ayurvedic College Osmanabad | HPTLC Consultancy of Research Work | 16/03/2022 | 4000=00 |
| 4 | Manu Kushwaha Government Ayurvedic College Osmanabad | HPTLC Consultancy of Research Work | 16/03/2022 | 4000=00 |
| 5 | Neoliva Life Science Private Limited | HPTLC Analysis of Herbal Samples | 30/05/2022 | 4000=00 |
| 6 | Neoliva Life Science Private Limited | HPTLC Analysis of Herbal Samples | 27/07/2022 | 5000=00 |
| 7 | Neoliva Life Science Private Limited | HPTLC Analysis of Herbal Samples | 29/09/2022 | 5000=00 |
| 8 | Firdose Fatima | HPTLC Analysis of Plant Samples | 06/06/2022 | 200=00 |
| 9 | Javeria Anjum | HPTLC Analysis of Plant Samples | 06/06/2022 | 200=00 |
| 10 | Jadhav Bhagyashri | HPTLC Analysis of Plant Samples | 06/06/2022 | 200=00 |
| 11 | Kolawad Ujwala | HPTLC Analysis of Plant Samples | 06/06/2022 | 200=00 |
| 12 | Hambarde Rupali | HPTLC Analysis of Plant Samples | 06/06/2022 | 200=00 |
| | | | Total | 31,000=00 |



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Dr. V. R. Marathe

| Sr. No. | Name of Consultancy | To whom it is given | Amount generated |
|---------|-----------------------------------|--|------------------|
| 1 | Authentication of Medicinal Plant | M. Pharm, B. Pharm and B. A. M. S. student | 900/- |

Dr. Nagesh Deshmukh

| Sr. No. | Name of Consultancy | To whom it is given | Amount generated |
|---------|--|---------------------|------------------|
| 1 | FT-IR consultancy services provided by N.E.S. Science College, Nanded. | Research Students | 200/- per sample |

Mr. Kartik Jadhav

| Sr. No. | Name of Consultancy | To whom it is given | Amount generated |
|---------|-----------------------------|---------------------|------------------|
| 1 | Consultancy on Soil Testing | Farmers | 300/- per sample |



Nagesh Deshmukh
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Workshops conducted for IPR and Research Methodology:

| Year | Name of the workshop/ seminar/ conference | Number of Participants | Date From – To | Link to the Activity report on the website |
|---------|---|------------------------|--------------------------------|---|
| 2022-23 | One Day International Seminar on “Research Grants and Funding Opportunities” with Dr. Betsy Justus Brijju, Ohio University, USA | 46 | 03/03/2023 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | “Expanding the Professional Horizon: Career Counseling with Dr. D. P. Kothari” (Necessity of reading, research, consultancy and collaboration) | 176 | 07/12/2022 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | ‘AVISHKAR Research Festival’ | 193 | 17/10/2022 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | Guest Lecture of Hon. Shri. Nandkishor Kagliwal, Founder, Chairman of Nath group of Industries “On Vision about New Age Industry Professionals” | 300 | 17/09/2022 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | Alumni Association Reunion-2023 | 246 | 12/04/2023 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | One Day Informative Seminar on Funding For Research Projects in DBT | 52 | 17/08/2022 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | Women Entrepreneurship Development Programme organized by department of Science and Technology and Science College, Nanded | 73 | 04/02/2023 | https://sciencecollegananded.org/iqac/reports |
| 2022-23 | 21 days University level Ph.D. Course work | 46 | 20/03/2023 to 13/04/2023 | https://sciencecollegananded.org/iqac/reports |



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Annual Quality Assurance Report Workshops/Seminar conducted

| Sr. No. | Workshops/Seminars/Conferences conducted |
|---------|--|
| 1 | ‘One Day Faculty Development Programme on "Effective Implementation of NEP for Transformation in HEIs" on 08/09/2022. |
| 2 | One Day Workshop on "Health and Happiness" organized by IQAC, Science College, Nanded on D. 19/01/2023 |
| 3 | One Day Workshop on "Art of Mind control" on D. 01/10/2022 |
| 4 | One-day workshop on "Preparation of Competitive Examination (MPSC/UPSC)" on D. 27/09/2022. |
| 5 | One Day Seminar on Importance of Competitive Examinations under ‘Career Katta’ on dated 18/10/2022. |
| 6 | Organized workshop on "Zinga to Zingalala" for Entrepreneurship Development on dated 12/04/2023 |
| 7 | Career Guidance Programme for Women on the Occasion of "Women's Day" dated 09/03/2023. |
| 8 | Two Days Workshop on Wealth Awareness organized on 28/01/2023 and 31/01/2023. |
| 9 | Two days ‘National Level Hands on Training’ on HPTLC Techniques on 07th and 08th Feb, 2023. |
| 10 | ‘Workshop on ‘Mycorrhizal Bio fertilizer for Farmers’ on 30th June 2022. |
| 11 | ‘One day Workshop on Shewanti Cultivation and Conservation’ on 22/08/2022. |
| 12 | ‘National workshop on “Medicinal Plants: Authentication, Cultivation & Future prospects’ on 17/02/2023. |
| 13 | Cyber Security Awareness Programme was organized on 06/04/2023. |
| 14 | One week National Workshop on “Preparation of NET/SET Examinations in Mathematics”, organized by Department of Mathematics and Applied Mathematics, N.E.S. Science College Nanded, during 06-11 Feb, 2023. |
| 15 | AVISHKAR Research Festival – 2023 Nanded District Level on 17/10/2022 |




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