**3.Research, Innovations and Extension**

**3.1 Resource Mobilization for Research**

***3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)***

**Answer:** 4.31

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 1.0 | 0.91348 | 0 | 1.13955 | 1.25539 |

| File Description | Document |
|---|---|
| List of project and grant details | View Document |
| e-copies of the grant award letters for research projects sponsored by non-government | View Document |
| Any additional information | View Document |

***3.1.2 Percentage of teachers recognised as research guides at present***

**Answer:** 11.11

3.1.2.1 Number of teachers recognised as research guides

Answer: 3

| File Description | Document |
|---|---|
| Any additional information | View Document |

***3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year***

**Answer:** 1.67

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Answer: 9

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Answer: 27

| File Description | Document |
|---|---|
| Supporting document from Funding Agency | View Document |
| Any additional information | View Document |

| | |
|---|---|
| Funding agency website URL | View Document |

**3.2 Innovation Ecosystem**

***3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge***

**Answer:**

For Initiative, creating and transfer of knowledge, in the institute there are several activities have been conducted during last five year such as human right, workshop for Senior citizen , Woman empowerment cell etc.

**Human right** activity was introduced through the scheme of Savitribai Phule Pune University. Under this scheme 18 days training program from 06/12/2017 to 23/12/2017 was organized for the students. Main purpose behind this training class was that, the students should know and aware about human rights. The training program was also helpful to the students for the competitive examination. On 12 December 2017 one day work shop was organized for the student, so that they will get comprehensive knowledge of law and human rights.

Workshop for Senior citizens was organized by the college to make lives of the elder beautiful and to preserve the beauty of their emotions. Three days 'Saint Gadgebaba' Senior citizen lectures was organized. During this workshop senior citizens were guided about how to take care about the health in the old age.

On the issue of **women empowerment**, Girl students and their guardians from rural area were called to participate in the game called "Mangla Gauri" to transfer the knowledge with motto of learning by doing.

On 30th December 2015, Department of zoology hosted a one day workshop entitled, "**Poultry – Diseases and management**" .The purpose of the workshop was to create a forum for a discussion on topic of relevance to poultry diseases, management and business as well as to increase the involvement of farmers, students and commercial poultry owners. The workshop was funded by faculty development programme, BCUD, Savitribai Phule Pune University, Pune.

On 16th January 2015 state level seminar on **"Use of Biofertilizers in Modern Farming"** was organized in collaboration with BCUD, Savitribai Phule Pune University Pune. The information regarding quality seeds, selection of seeds, modern cultivation methods, etc. was informed to the farmers. Farmers were sensitized to the importance of Biofertilizers in modern organic farming.

On 18th and 19th January 2019 state level seminar on "**Office Management & Administration"** was organized in collaboration with Board of Development, Savitribai Phule Pune University Pune. In this workshop the lectures was arranged on the topic of Stress Management, Use of new Technology & roll of non teaching staff in NAAC.

The Institute organizes the Staff Academy- a lectures on current issues by local or outside resource persons.

| File Description | Document |
|---|---|
| Any additional information | View Document |
| Link for Additional Information | View Document |

***3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years***

**Answer:** 18

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 6 | 1 | 5 | 2 | 4 |

| File Description | Document |
|---|---|
| Report of the event | View |

| | |
|---|---|
| | Document |
| List of workshops/seminars during the last 5 years | View Document |
| Any additional information | View Document |

**3.3 Research Publications and Awards**

***3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research***

**Answer:** Yes

| File Description | Document |
|---|---|
| Institutional data in prescribed format | View Document |
| Any additional information | View Document |

***3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards***

**Answer:** No

***3.3.3 Number of Ph.D.s awarded per teacher during the last five years***

**Answer:** 1.33

3.3.3.1 How many Ph.Ds awarded within last five years

Answer: 4

3.3.3.2 Number of teachers recognized as guides during the last five years

Answer: 3

| File Description | Document |
|---|---|
| URL to the research page on HEI web site | View Document |
| List of PhD scholars and their details like name of the guide , title of thesis, year of award etc | View Document |
| Any additional information | View Document |

***3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years***

**Answer:** 1.74

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 9 | 7 | 3 | 16 | 13 |

| File Description | Document |
|---|---|

| | |
|---|---|
| List of research papers by title, author, department, name and year of publication | View Document |

***3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years***

**Answer:** 2.72

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 6 | 6 | 20 | 28 | 15 |

| File Description | Document |
|---|---|
| List books and chapters in edited volumes / books published | View Document |
| Any additional information | View Document |

**3.4 Extension Activities**

***3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years***

**Answer:**

We are trying to fulfill the social responsibility of society by implementing various programs in our college. In order to create awareness about social problems in different branches of the college N. C. C, N.S.S. and the Students welfare board and other Professors work independently.

A Cleanliness rally, AIDS rally are organized to create awareness among the community. Public awareness is organized mainly by deploying cleanliness campaigns at Deola and Market Place. Deola has its proper effect in the village and the Deola city has become clean.

Blood donation camps are organized with the help of social institutions. The Students and the villagers also participate in blood donation camps. Prin. Dr. Kishor Pawar' given lecture on awareness regarding superstition and It was shown it scientifically. Women are afraidabout the land of Funeral Place, for this awareness a breakfast arrangement is organized under the National Service Scheme at funeral place.

Betibachav rally is planned to create gender equality in the society. Also girls are trained under fearless girls. This resulted in the enrolment girl's student in the college.

The College students are helping all for pulse polio campaign. To avoid road accidents, The college volunteers have organized road safety campaigns. Street play is presented in the main place at Deola. Street play guides to society for road safety. Poster competitions, Oratory competitions, Lectures are organized for road safety. While celebrating Yoga Day in college, the trained person has been given the importance of Yoga for the benefit of Health.

National Service scheme and National cadet corpsorganized programme of tree plantation at Deola and in adjoining villages. In relation to non-monetary financing, the college presented street plays on the subject of Financial Literacy Awareness. Useof ATM RTGS, NEFT,Online Transaction etc. increased.

VanaraiBandhara has been constructed and digging continuous countor trench by National Service Scheme and it is observed that the water level in the Rameshwar village which increased in the last 5 years, hence farmers are benefited.

Voter awareness campaign is conducted in every year. In that campaign lectures, presentation of different machinery in the polling process, voting oath, Rangoli competition, etc. programs were implemented. The percentage of voting has been increased due to the campaign.

Students were trained to face different disaster. Aworkshop is organized on Disaster Management in 2016-17 and 2018-19.

Lectures were organized for the senior citizens under the Bahishal Center at Patane Tal. MalegaonDist- Nashik. Senior citizens of Patane participated in this programme. To solve the different problems of aging, they are benefitted from their work in this initiative.

In the annual cultural festivals, students, community evangelization and publishing programs are presenting. These include road safety campaigns, gender equality, superstition eradication, women's empowerment, information rights, farmer's suicides and teachers' rights. In the context, the awareness among the society is created.

| File Description | Document |
|---|---|
| Any additional information | View Document |
| Link for Additional Information | View Document |

***3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years***
**Answer:** 7

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 1 | 2 | 1 | 0 | 3 |

| File Description | Document |
|---|---|
| Number of awards for extension activities in last 5 years | View Document |
| e-copy of the award letters | View Document |
| Any additional information | View Document |

***3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non-Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years***
**Answer:** 28

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 5 | 3 | 11 | 5 | 4 |

| File Description | Document |
|---|---|
| Reports of the event organized | View Document |
| Number of extension and outreach programs conducted with industry,community etc for the last five years | View Document |
| Any additional information | View Document |

***3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years***

**Answer:** 68.47

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 1057 | 1468 | 1328 | 869 | 665 |

| File Description | Document |
|---|---|
| Report of the event | View Document |
| Average percentage of students participating in extension activities with Govt or NGO etc | View Document |
| Any additional information | View Document |

**3.5 Collaboration**

***3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years***

**Answer:** 0

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 |

***3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)***
**Answer:** 7

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer:

| 2018-19 | 2017-18 | 2016-17 | 2015-16 | 2014-15 |
|---|---|---|---|---|
| 2 | 1 | 2 | 2 | 0 |

| File Description | Document |
|---|---|
| e-copies of the MoUs with institution/ industry/ corporate house | View Document |
| Details of functional MoUs with institutions of national, international importance,other universities etc during the last five years | View Document |
| Any additional information | View Document |