

Criterion 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)

Response: 23.97

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)

2017-18	2016-17	2015-16	2014-15	2013-14
7.918	1.65	4.104	8.2181	2.07881

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

3.1.2 Percentage of teachers recognised as research guides at present

Response: 10.42

3.1.2.1 Number of teachers recognised as research guides

Response: 10

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

Response: 0.52

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

Response: 9

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

Response: 87		
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

Response:

Response:

Knowledge and innovation are crucial conditions for any progress and essential engines of structural change across sectors. Keeping this in mind the institution has an incubation centre which provides a platform for the students to nurture their ideas and to improve them. The institution proposes to develop research culture not only among faculty but also among students. The college has employed several practical approaches to elevate the students on par with the latest improvements in their respective fields of study in the recent years. Problem solving techniques are imparted to learners by offering them several textual and imaginary problems. The institution has a good counseling cell comprising of able counselors; they provide valuable counsels to the students.

Research Centre: The teachers are bestowed with umpteen opportunities to submit innovative research papers, publish them as chapters in books and journals with ISBN and ISSN respectively. Commerce and History departments of our college are research centres. They provide enough opportunities to the learners in research. Many persons pursue their research and the departments have produced a good number of PhDs.

Consultancy Services: Many Consultancy Services to the regional leading companies and organizations such as Aravind Herbal, Energy capacitor etc., Water treatment companies are undertaken by our institution. Through these services knowledge is imparted.

MoU: MoU's are signed to share the knowledge in Operating System Installation, preparation of computerized bills, Maintenance of Accounts etc. A special training programme is given to enhance the effective function of Self-Help Groups in and around Rajapalayam.

Co-Curricular Programme: The various departments of the institution devise co-curricular stimuli by organising workshops, seminars and conferences. Dignitaries from the various reputed institutions are invited to deliver special address to update the knowledge of the learners. These lectures spark off the creativity of the students and sharpen their innovativeness.

Library Resources: The library is a store house of knowledge. It has 31,500 books; it has around 1050 e-

books, subscribes to NLIST- INFLIBNET and is a Club Partner of NDLI.

Readers Forum: Students are motivated to take effective part in enhancing their knowledge in current affairs through Readers Forum. Several Certificate courses are offered to the students.

Enhancing Practical Knowledge: Separate labs are set up for the students of Physics, Chemistry and Computer Science to make the students acquainted with more practical knowledge. The students of Physics and Chemistry eagerly visited Kudankulam Nuclear Power Plant and Kalpakkam Atomic Research Centre. Commerce students undertake visit to industries and banking sectors. The students of Computer Science and Bachelor of Business Administration choose an area of interest of their own and do mini projects as a co-curricular activity to expose and enhance their knowledge.

Encouraging Creative Writing: Students who are interested in writing are inspired by the language teachers to write for journals. The students of English and Tamil departments take up project to enhance their knowledge of essay writing in a particular area of study.

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

Response: 40

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

2017-18	2016-17	2015-16	2014-15	2013-14
5	4	9	9	13

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

Response: 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

Response: Yes

File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

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

Response: 1.9

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 19

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

Response: 10

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

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

Response: 0.37

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

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	5	7	18

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	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

Response: 1.27

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

2017-18	2016-17	2015-16	2014-15	2013-14
21	31	16	31	12

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

Response:

Society is the manifestation of united existence and the students are a part of the society. Students play an important role in improving and strengthening the communal harmony of the society. Thereby our Institution through students gives great importance to the betterment and prosperity of the community. To inculcate morals in all our students, our college focuses on sensitizing the students' community to social issues. Organizations like NSS, NCC, YRC, RRC etc motivate our students to take part in the empowerment of society.

Numerous mass Blood Donation Camps have been conducted at regular intervals in our college in collaboration with PACR Government hospital, Rajapalayam and PACR Rotary Blood Bank, Rajapalayam. Apart from the Blood Donation Camps, Our students also save lives of the poor and needy patients during emergencies by donating their blood. The students of the Readers Forum periodically visit the special children at Rhythm School, Rajapalayam render services to relish the Joy of Giving. Our students conduct various games and programmes to educate and entertain the special children.

NSS units of our college have adopted six nearby villages namely Solapuram, Millgate, Reddiyapatti, Sethur, Keelarajakularaman and vanagaunaramapuram of our taluk for a period of five years and various events like Dengue awareness camps, Swacch Bharath Mission, Programmes on “Open Defecation Free Villages”, Rallies on Illicit Arrack, Road Safety awareness, Tree Plantation and AIDS awareness are organised.

The NSS units of our institution actively participate in many community services like cleaning the environment, plantation of tree saplings in the neighbourhood community, literacy mission, community health welfare programmes and flood relief activities etc., such activities have helped in the improvement of lifestyle of the society particularly in the adopted villages and rural areas in and around the institution. NSS volunteers actively participate in these social welfare programmes and thereby sensitise the social issues.

Swacch Bharath mission is functioning actively in our college involving a team of 35 peer leaders per NSS unit to sensitise the elimination of open defecation through street plays, mime shows and wall paintings in the adopted villages. Our peer leaders actively involve themselves in changing the public attitude towards sanitation and have created awareness on healthy environmental conditions.

Disaster preparedness and Disaster management activities aim to minimize loss of lives and damages at times of disaster. Our institution along with NGO – Sathya Sai Seva Samiti provides effective training programme like certificate course in Disaster management and sends our students to attend various workshops on disaster management techniques through YRC. These equip them with the skills required to face natural calamities.

The Readers Forum is functioning through the Library. The Readers' Forum meets regularly to develop the habit of reading Newspapers and Books and to develop Leadership qualities, oratorical skills, Spoken English, Current Affairs, etc. among the students. Career Guidance and holistic development are its main objectives. Certificate Courses and Competitions are also conducted by the Readers Forum.

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

Response: 19

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

2017-18	2016-17	2015-16	2014-15	2013-14
7	3	5	3	1

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

Response: 101

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

2017-18	2016-17	2015-16	2014-15	2013-14
27	22	19	18	15

File Description	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

Response: 55.76

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

2017-18	2016-17	2015-16	2014-15	2013-14
2015	1950	1240	762	555

File Description	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

Response: 390

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

2017-18	2016-17	2015-16	2014-15	2013-14
90	68	51	79	102

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

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)

Response: 15

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)

2017-18	2016-17	2015-16	2014-15	2013-14
5	3	3	1	3

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

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