

ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM
REACCREDITED WITH A- GRADE BY NAAC



ANNUAL QUALITY ASSURANCE REPORT
2017-18

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

All Saints' College

1.2 Address Line 1

Chackai

Address Line 2

Beach P.O

City/Town

Thiruvananthapuram

State

Kerala

Pin Code

695007

Institution e-mail address

allsaintscollegeasc@gmail.com

Contact Nos.

0471-2501153

Name of the Head of the Institution:

Dr. Caroline Beena Mendez

Tel. No. with STD Code:

0471-2501153

Mobile:

9446285022

Name of the IQAC Co-ordinator:

Dr. Sr. D'Souza Pascoela A

Mobile:

9446147660

IQAC e-mail address:

allsaintscollegeiqac@gmail.com

1.3 NAAC Track ID (*For ex. MHCOGN 18879*)

KLCOGN 10121

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/45/RAR/05 dated 28-03-2008

1.5 Website address:

http://www.allsaintscollege.in

Web-link of the AQAR:

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|--------------|---------|-----------------------|-----------------|
| 1 | 1 st Cycle | 3 star level | 65-70 % | 2001 | 2006 |
| 2 | 2 nd Cycle | B | 2.81 | 2008 | 2013 |
| 3 | 3 rd Cycle | A | 3.01 | 2016 | 2021 |
| 4 | 4 th Cycle | - | - | - | - |

1.7 Date of Establishment of IQAC :

27/03/2004

1.8 AQAR for the year (for example 2010-11)

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

1.10 Institutional Status

University

State

☐

Central

☐

Deemed

☐

Private

☐

Affiliated College

Yes

☒

No

☐

Constituent College

Yes

☐

No

☐

Autonomous college of UGC

Yes

☐

No

☐

Regulatory Agency approved Institution

Yes

☐

No

☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution

Co-education

☐

Men

☐

Women

☒

Urban

☒

Rural

☐

Tribal

☐

Financial Status

Grant-in-aid

☒

UGC 2(f)

☒

UGC 12B

☒

Grant-in-aid + Self Financing

☐

Totally Self-financing

☐

1.11 Type of Faculty/Programme

Arts

☒

Science

☒

Commerce

☒

Law

☐

PEI (Phys Edu)

☒

TEI (Edu)

☐

Engineering

☐

Health Science

☐

Management

☐

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

University of Kerala

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

| | |
|--|----|
| 2.1 No. of Teachers | 9 |
| 2.2 No. of Administrative/Technical staff | 1 |
| 2.3 No. of students | 1 |
| 2.4 No. of Management representatives | 1 |
| 2.5 No. of Alumni | 1 |
| 2. 6 No. of any other stakeholder and community representatives | 1 |
| 2.7 No. of Employers/ Industrialists | 1 |
| 2.8 No. of other External Experts | 1 |
| 2.9 Total No. of members | 16 |

IQAC Composition

1. Chairperson: Dr. Caroline Beena Mendez
2. Co-ordinator: Dr. Sr. D'Souza Pascoela A
3. Teachers: Dr. Deepa M
Dr. Sreelekha Nair
Dr. Shirley Joseph
Dr. Anjana P S
Dr. Nisha K K
Dr. Sonya J Nair
Dr. Liji Varghese
4. Administrative Representative: Sr. Tissy Joseph
5. Student Representative: Ms. Krishna Priya Lal
6. Management Representative: Sr. Lilian Rosario
7. Alumni Member: Ms. Saudamini S Kumar
8. Industrialist: Ms. Asha Nandakumar
9. Stakeholder: Dr. Nevil Stephen S
10. External Expert: Dr. Sudarshan Kumar

| | | | | | | |
|---|-----|----------|---------|---|--------|---|
| 2.10 No. of IQAC meetings held | 6 | | | | | |
| 2.11 No. of meetings with various stakeholders: | No. | 2 | Faculty | 6 | | |
| Non-Teaching Staff | 6 | Students | Alumni | 2 | Others | 2 |

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ☒

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

1. Incorporating new age pedagogical resources
2. Gender Sensitivity
3. Equitable work place environment
4. Office Software Management - Administrative staff

2.14 Significant Activities and contributions made by IQAC

- ❖ IQAC facilitates the creation of a learner-centric environment conducive to quality education and faculty maturation
- ❖ Developed and applied quality benchmarks/parameters for various academic and administrative activities thus institutionalizing quality and accountability
- ❖ Promoted academic and administrative audit
- ❖ IQAC evaluates the teaching learning process through feedbacks.
- ❖ Monitored teaching and learning and ensured that internal series examinations and End Semester Examinations (ESE) were held in accordance with the academic calendar
- ❖ ELSA (English Language Skill Acquisition), A Basic Course in Grammar & Spoken English for the students of the college
- ❖ Publication of College Magazine "Waves of Light"
- ❖ Publication of biannual newsletters "All Saints' Times"
- ❖ IQAC regularly maintains Teacher's Diary.
- ❖ Encourages teachers to pursue PhD Programme
- ❖ Encourages teachers to procure guideship
- ❖ Encourages the departments to take up Research Projects both funded as well as non-funded
- ❖ Encourages the departments to conduct International and National Seminars, exhibitions, various competitions, etc.
- ❖ Encourage all departments to start certificate courses for the students

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|--------------|
| <p>❖ Quality enhancement - Development and application of quality benchmarks,</p> <p>(a) To holds talks by virtuosos in their respective fields.</p> <p>(b) To publish college magazines, newsletters and departmental magazines.</p> <p>(c) Women's cell to aid in empowering women through expert talks and discussions.</p> <p>❖ Student support initiatives-</p> <p>(a) Mentors constituted in all classes (ratio 1mentor :20 students)</p> <p>(b) To provide competitive opportunities in curricular and co-curricular activities in college and inter collegiate events</p> <p>(c) To conduct arts and sports fest for students</p> <p>❖ Green and clean campus -Campus fully plastic free.</p> <p>(a) Periodic cleaning of campus and neighbouring spaces including beach cleaning operation by students and teachers.</p> <p>(b) Avoidance of bottled water, plastic cups, plates.</p> <p>(c) Ethnic food given preference over junk food.</p> <p>(d) Planting medicinal and ornamental species and protect endangered species</p> <p>(e) Construction and maintenance of an organic farm</p> <p>❖ Examinations -Stream lined internal series examinations and ESE, prepared academic calendar which was strictly adhered to at UG and PG levels. Results announced as scheduled and on time.</p> <p>❖ Infrastructure development -----</p> <p>❖ Impetus for Research and Consultancy</p> | Accomplished |
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|--|---|
| (a) Conduct National and International seminars, conferences and workshops. | " |
| (b) ----- % of the faculty submitted major and minor research project proposals to UGC, KSCSTE and Interdisciplinary research promoted. minor and major projects newly sanctioned amounting to a total of Rs | " |
| (c) To publish research papers by faculty members in peer reviewed journals | " |
| ❖ Outreach programmes | " |
| (a) Organize blood donation drives and medical camps | |
| (b) To pledge social commitment by creating partnerships between institution and community and exchanging knowledge thereby trying to overcome the hurdles to higher education through the ' Each One Teach One ' Campaign. | |

* Academic Calendar of the year attached as **Annexure i**

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body ☐

Provide the details of the action taken

- ✓ ICT enabled teaching implemented in all the departments.
- ✓ Research activities were in full swing along with the other academic pursuits of the staff.
- ✓ Extension activities were done successfully with the help of the various stakeholders.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | 1 | | | |
| PG | 3 + 6 (IGNOU) | | | |
| UG | 11 + 2 (IGNOU) | | | |
| PG Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | 3 | 1 | | |
| Others | | | | |
| Total | | | | |

| | | | | |
|-------------------|--|--|--|--|
| Interdisciplinary | | | | |
| Innovative | | | | |

| Level of the Programme | Name of existing Programmes | Name of programmes added during the year | Name of self-financing programmes | Name of value added /Career Oriented programmes |
|------------------------|---|--|-----------------------------------|---|
| PhD | English | | | |
| PG | 1. MA English 2. M Com 3. MSc Environmental Science | | | |
| UG | 1. B. Sc. Botany 2. B. Sc Chemistry 3. B Sc Mathematics 4. B Sc Physics 5. B Sc Zoology 6. B A Communicative English 7. B A Economics 8. B A English 9. B A History 10. B Com –TTM 11. B Com- Finance | | | |
| PG | | | | |

| | | | | |
|-------------------|---|--|--|--|
| Diploma | | | | |
| Advanced Diploma | | | | |
| Diploma | | | | |
| Certificate | 1. “Remote Sensing and GIS applications in Carbon Forestry” and certificate issued by IIRS 2. COPA 3. Certificate course in Plant Tissue Culture Techniques | “Microwave RADAR Remote Sensing and its Applications” and certificate issued by IIRS | | |
| Others | | | | |
| Interdisciplinary | | | | |
| Innovative | | | | |

IGNOU COURSES -2017-2018

| | |
|----|---|
| PG | <ul style="list-style-type: none"> ➤ MEG ➤ MCOM ➤ MSW ➤ MEC ➤ MAH ➤ MAWGS |
| UG | <ul style="list-style-type: none"> ➤ BCOM ➤ BSW |

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 14 |
| Trimester | NA |
| Annual | NA |

1.3 Feedback from stakeholders* Alumni ☒ Parents ☒ Employers ☒ Students ☒
(On all aspects)

Mode of feedback : Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

Analysis provided as *Annexure ii*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- The teachers participated in the syllabus revision workshops conducted by the University. Three members of faculty served as member of the Board of Studies of the University.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

| |
|----|
| No |
|----|

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 50 | 45 | 5 | Nil | Nil |

28

2.2 No. of permanent faculty with Ph.D.

| Sl. No | Name | Designation | PHD holders (Yes/No) | Department |
|--------|-----------------------------------|-----------------|----------------------|------------|
| 1 | Dr. Cinthya Christopher | Asst. Professor | Yes | Botany |
| 2 | Dr. Nisha K K | Asst. Professor | Yes | Botany |
| 3 | Dr. Sr. Shaina T J | Asst. Professor | Yes | Botany |
| 4 | Dr. Sunita Kurur | Asst. Professor | Yes | Chemistry |
| 5 | Dr. Sindhu Yesodharan | Asst. Professor | Yes | Chemistry |
| 6 | Dr. Siji V L | Asst. Professor | Yes | Chemistry |
| 7 | Dr. Beenakumari K S | Asst. Professor | Yes | Chemistry |
| 8 | Dr. Srilekha Nair | Asso. Professor | Yes | Commerce |
| 9 | Dr. Reshmi R Prasad | Asso. Professor | Yes | Commerce |
| 10 | Sr. Carvalho Faustina Cicilia | Asst. Professor | No | Commerce |
| 11 | Ms. Lissy Bennet | Asst. Professor | No | Commerce |
| 12 | Ms. Sangeetha S | Asst. Professor | No | Commerce |
| 13 | Ms. Mary Alice | Asso. Professor | No | Economics |
| 14 | Ms. Jiji Vijayan | Asst. Professor | No | Economics |
| 15 | Ms. Morrin C | Asst. Professor | No | English |
| 16 | Ms. Sonya J Nair | Asst. Professor | No | English |
| 17 | Ms. Kukku Xavier | Asst. Professor | No | English |
| 18 | Dr. Liji Varghese | Asst. Professor | Yes | English |
| 19 | Dr. Sr. Pascoela Adelrich D'Souza | Asst. Professor | Yes | English |
| 20 | Dr. Rajsree M.S | Asst. Professor | Yes | English |

| | | | | |
|----|---------------------------|-----------------|-----|--------------------|
| 21 | Ms. Nishel Prem Elias | Asst. Professor | No | English |
| 22 | Ms. Simna Stephen | Asst. Professor | No | English |
| 23 | Ms. Sapna Srinivas | Asst. Professor | No | English |
| 24 | Ms. Diana V Prakash | Asst. Professor | No | English |
| 25 | Dr. Kavitha N | Asst. Professor | Yes | English |
| 26 | Ms. Joveeta Justin | Asst. Professor | No | English |
| 27 | Ms. Celina James | Asst. Professor | No | English |
| 28 | Dr. Reshma J. K. | Asst. Professor | Yes | Envt. Sciences |
| 29 | Dr. Ayona Jayadev | Asst. Professor | Yes | Envt. Sciences |
| 30 | Dr. Smitha Asok V | Asst. Professor | Yes | Envt. Sciences |
| 31 | Ms. Rajani V | Asst. Professor | No | Envt. Sciences |
| 32 | Ms. Lekha Rani M L | Asst. Professor | No | History |
| 33 | Dr Parvathy Menon | Asst. Professor | Yes | History |
| 34 | Ms. Vijayakumari K | Asst. Professor | No | History |
| 35 | Dr. Udayakala C | Asst. Professor | Yes | Malayalam |
| 36 | Ms. Shirly Joseph | Asst. Professor | No | Mathematics |
| 37 | Ms. Vidya T R | Asst. Professor | No | Statistics |
| 38 | Ms. Sebina Mathew C | Asst. Professor | No | Mathematics |
| 39 | Ms. Renjini Raveendran P | Asst. Professor | No | Mathematics |
| 40 | Dr Margrette Leena V | Asst. Professor | Yes | Physical education |
| 41 | Dr. Divya S R | Asst. Professor | Yes | Physical education |
| 42 | Dr. Caroline Beena Mendez | Asso. Professor | Yes | Physics |
| 43 | Dr. Deepa M | Asso. Professor | Yes | Physics |
| 44 | Dr. Anjana P S | Asst. Professor | Yes | Physics |
| 45 | Dr. Veena Suresh Babu | Asst. Professor | Yes | Physics |
| 46 | Dr. Vidya Nair | Asst. Professor | Yes | Political Science |
| 47 | Dr. Dhanalekshmy T G | Asst. Professor | Yes | Zoology |
| 48 | Smt. Divya Grace Dilip | Asst. Professor | No | Zoology |
| 49 | Dr. Siny G Benjamin | Asst. Professor | Yes | Zoology |
| 50 | Dr. Sherly D | Asst. Professor | Yes | Zoology |

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|------------------|----|----------------------|-----|------------|-----|--------|-----|-------|----|
| R | V | R | V | R | V | R | V | R | V |
| Nil | 17 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 17 |

If recruited provide details below

| Sl.No | Name | Designation | PHD holders (Yes/No) | Department |
|-------|------|-------------|----------------------|------------|
| 1. | | | | |

2.4 No. of Guest and Visiting faculty and Temporary faculty

17

NIL

NIL

| Sl. No. | Name | Designation | PHD holders (Yes/No) | Department |
|---------|----------------------|----------------|----------------------|------------|
| 1 | Dr. Shirmila Jose | Guest Lecturer | Yes | Botany |
| 2 | Dr. Sasikala T S | Guest lecturer | Yes | Chemistry |
| 3 | Ms. Ashalekha S L | Guest lecturer | No | Chemistry |
| 4 | Ms. Vijyalekshmi D V | Guest faculty | No | Commerce |
| 5 | Ms. Vineetha V K | Guest faculty | No | Commerce |
| 6 | Ms. Simi S | Guest faculty | No | Commerce |
| 7 | Ms. Swathy S | Guest faculty | No | Commerce |
| 8 | Ms Lynda Stanly | Guest faculty | No | English |
| 9 | Dr. Anupama L | Guest faculty | Yes | English |
| 10 | Ms. Reshma V R | Guest faculty | No | English |
| 11 | Ms. Mary Sunitha Joy | Guest faculty | No | English |
| 12 | Ms. J Priya Rajan | Guest faculty | No | English |
| 13 | Ms. Sunitha P | Guest faculty | No | French |
| 14 | Dr. Sheeba.S.L | Guest faculty | Yes | Hindi |
| 15 | Ms. Aarathy S | Guest faculty | No | Hindi |
| 16 | Ms. Lathika A | Guest Lecturer | No | Malayalam |
| 17 | Dr. Meena Kumari | Guest Lecturer | Yes | Physics |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended | 18 | 106 | 15 |
| Presented papers | 8 | 33 | 1 |
| Resource Persons | Nil | 4 | 8 |

Conference/Symposia Attended

| Sl. No | Name of the faculty | Level | Theme | Venue | Date |
|---------------|----------------------------|----------------------|--|--|----------------------|
| 1 | Dr. Cinthya Christopher | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 2 | Dr. Cinthya Christopher | National | Advances In Functional Materials (AFM-2017) | Dept. of Physics, All Saints' college, Tvpm | 19-20 September 2017 |
| 3 | Dr. Cinthya Christopher | State level Workshop | Prospects Of Start Up Ventures In Kerala | Biotechnology commission Govt of Kerala | 25 October 2017 |
| 4 | Dr. Cinthya Christopher | State | World Water Day | Bhoomithra Sena Club, All Saints' college, Tvpm | 23 March 2018 |
| 5 | Dr. Nisha K. K. | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 6 | Dr. Nisha K. K. | International | International Conference On Climate Change And Global Sustainability | Dept. of Zoology, All Saints' college, Tvpm | 18-19 December 2017 |
| 7 | Dr. Nisha K. K. | National | Insights Into The Interdisciplinary Perspectives Of Chemical And Biosciences | Govt Arts College, Thiruvananthapuram | 26-28 February 2018 |
| 8 | Dr. Nisha K. K. | State | World Water Day | Bhoomithra Sena Club, All Saints' college, Tvpm | 23 March 2018 |
| 9 | Dr. Sr. Shaina T. J. | International | Contemporary And Conventional Botany | Vivekananda college of Arts and Science, Thiruchengode, Namakkal | 27 -28 February 2018 |
| 10 | Dr. Sr. Shaina T. J. | National | Innovations In Plant Science Through Modern Techniques For Crop Improvement | Vivekananda college of Arts and Science, Thiruchengode, Namakkal | 1-2 March 2018 |
| 11 | Dr. Sr. Shaina T. J. | State | World Water Day | Bhoomithra Sena Club, All Saints' college, Tvpm | 23 March 2018 |

| | | | | | |
|----|-----------------------|---------------|--|---|-----------------------|
| 12 | Dr. Shirmila Jose | National | Insights Into The Interdisciplinary Perspectives Of Chemical And Biosciences | Govt Arts College, Thiruvananthapuram | 26 - 28 February 2018 |
| 13 | Dr. Sunita Kurur | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 14 | Dr. Sunita Kurur | National | Advances In Functional Materials (AFM-2017) | Dept. of Physics, All Saints' college, Tvpm | 19-20 September 2017 |
| 15 | Dr. Sunita Kurur | International | International Conference On Climate Change And Global Sustainability | Dept. of Zoology, All Saints' college, Tvpm | 18-19 December 2017 |
| 16 | Dr. Sindhu Yesodharan | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 17 | Dr. Sindhu Yesodharan | International | Photochemistry And Its Applications (ICPA-2017) | MG University, Kottayam | 10-13 November 2017 |
| 18 | Dr. Sindhu Yesodharan | International | Frontiers Of Mass Spectroscopy (ICMS-2017) | MG University, Kottayam | 11-14 December 2017 |
| 19 | Dr. Siji V L | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 20 | Dr. Siji V L | National | Advances In Functional Materials (AFM-2017) | Dept. of Physics, All Saints' college, Tvpm | 19-20 September 2017 |
| 21 | Dr. Siji V L | International | Organic Molecules For Material Applications | Govt. College for Women, TVPM | 21-22 September 2017 |
| 22 | Dr. Siji V L | National | National Seminar On Advanced Materials (NSAM-2017) | Dept. Of Chemistry and the School of Physical and Mathematical Sciences, University of Kerala | 4 October 2017 |
| 23 | Dr. Siji V L | National | Advanced Functional Materials | Mar Ivanios College, Tvpm | 12-14 December 2017 |

| | | | | | |
|----|----------------------|-------------------|--|--|-----------------------|
| 24 | Dr. Siji V L | State | Structure Refinement In Single Crystal X-Ray Diffraction Data | Dept. of Chemistry, Mahatma Gandhi College, Tvpm | 6 January 2018 |
| 25 | Dr. Siji V L | National | Edu-Fest 2017 | All Saints' College, Trivandrum | 24 November 2017 |
| 26 | Dr. Beenakumari K S | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 27 | Dr. Beenakumari K. S | National | Advances In Functional Materials (AFM-2017) | Dept. of Physics, All Saints' college, Tvpm | 19-20 September 2017 |
| 28 | Dr. Beenakumari K. S | National | Advanced Functional Materials | Mar Ivanios College, Tvpm | 12-14 December 2017 |
| 29 | Dr. Reshma J K | National | World Environment Day Celebrations 2018 | KSCSTE | 5 June, 2018 |
| 30 | Dr. Reshma J K | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 31 | Dr. Reshma JK | National | Advances In Functional Materials | Dept. of Physics, All Saints' college, Tvpm | 19-20 September, 2017 |
| 32 | Dr. Reshma JK | International | 'Climate Change And Global Sustainability' | Dept of Zoology, All Saints' College, Tvpm | 18-19 December, 2017 |
| 33 | Dr. Ayona Jayadev | National | World Environment Day Celebrations 2018 | KSCSTE | 5 June, 2018 |
| 34 | Dr. Ayona Jayadev | National Workshop | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 35 | Dr. Ayona Jayadev | National | Prospects For Start-Up Ventures In Kerala | Kerala Biotechnology Commission, KSCSTE | 25 October, 2017 |
| 36 | Dr. Ayona Jayadev | International | 'Climate Change And Global Sustainability' | Dept of Zoology, All Saints' College, Tvpm | 18- 19 December, 2017 |

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|----|-------------------|---------------|--|---|-----------------------|
| 37 | Dr. Ayona Jayadev | National | Training Programme On Environment Management | Environmental Information System, KSCSTE | 6 January 2018 |
| 38 | Dr. Ayona Jayadev | State Level | World Wetland Day Celebrations - 2018 | Directorate of Environment and climate Change, Government of Kerala | 2 Feb 2018 |
| 39 | Dr. Ayona Jayadev | State Level | Training Programme For Faculties In Charge Of BMC | Directorate of Environment and climate Change, Government of Kerala | 16 Sept 2017 |
| 40 | Dr. Ayona Jayadev | National | National Environment And Climate Change Congress – 2018 (NECCC – 2018) | Directorate of Environment and climate Change, Government of Kerala | 20- 22 March 2018 |
| 41 | Dr. Ayona Jayadev | National | Curriculum Fair -2018 | Curriculum Development Centre and FLAIR, Govt of Kerala | 16 March 2018 |
| 42 | Dr. Smitha Asok V | National | Symposium On ‘Ozone Layer - Earth’s Sunscreen | Department of Zoology, All Saints’ College, Tvpm | 25 September, 2017 |
| 43 | Dr. Smitha Asok V | National | ‘3D LIDAR Point Cloud Processing With Lastools’ | Indian Institute of Space Science and Technology, Tvpm | 12 October, 2017 |
| 44 | Dr. Smitha Asok V | National | ‘Prospects For Start-Up Ventures In Kerala’ | Kerala Biotechnology Commission, KSCSTE | 25 October, 2017 |
| 45 | Dr. Smitha Asok V | International | ‘Climate Change And Global Sustainability’ | Dept of Zoology, All Saints’ College, Tvpm | 18- 19 December, 2017 |
| 46 | Dr. Smitha Asok V | National | ‘Environmental Modelling’ | Dept of Environmental Sciences, University of Kerala | 30- 31 January, 2018 |

| | | | | | |
|----|--------------------|---------------|--|---|--|
| 47 | Dr. Smitha Asok V | National | 'Soil Moisture And Agricultural Monitoring Using Microwave Remote Sensing' | Space Applications Centre (SAC), ISRO | 07-09 February, 2018 |
| 48 | Dr. Smitha Asok V | State | World Water Day | Bhoomithra Sena Club, All Saints' College, Tvpm | 23 March 2018 |
| 49 | Dr. Smitha Asok V. | National | National Environment And Climate Change Congress – 2018 (NECCC – 2018) | Directorate of Environment and climate Change, Government of Kerala | 20 th to 22 nd March 2018 |
| 50 | Dr. Smitha Asok V | National | Geospatial Information Systems: Emerging Trends And Utilities | University of Kerala, Thiruvananthapuram | 14 th and 15 th December, 2017 |
| 51 | Dr. Smitha Asok V | State Level | Training Programme For Coordinators On Strengthening Of Biodiversity Club | Government Arts College, Thiruvananthapuram | 21.10.2017 |
| 52 | Dr. Smitha Asok V | National | Curriculum Fair -2018 | Curriculum Development Centre and FLAIR, Government of Kerala | 16.03.2018 |
| 53 | Dr. Smitha Asok V | National | Training On "Microwave Remote Sensing Applications" | ISRO, Government of India | 16 th to 27 th April, 2018 |
| | Dr. Smitha Asok V | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 54 | Ms. Rajani V | National | 'Meeting Sustainability Challenges Through Renewable Energy' | Kerala ENVIS Hub, KSCSTE and TERI ENVIS | 5 December, 2017 |
| 55 | Ms. Rajani V | International | 'Climate Change And Global Sustainability' | Dept of Zoology, All Saints' College, Tvpm | 18- 19 December, 2017 |
| 56 | Ms. Rajani V | State | World Water Day | Bhoomithra Sena Club, All Saints' college, Tvpm | 23 March 2018 |

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| 57 | Ms. Rajani V | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 58 | Smt. Rajani V. | National | Curriculum Fair -2018 | Curriculum Development Centre and FLAIR, Government of Kerala | 16.03.2018 |
| 59 | Smt. Rajani V. | State Level | World Environment Day Celebrations 2018 | Directorate of Environment and climate Change, Government of Kerala | 05.06.2018 |
| 60 | Smt. Rajani V. | National | National Environment And Climate Change Congress – 2018 (NECCC – 2018) | Directorate of Environment and climate Change, Government of Kerala | 20 th to 22 nd March 2018 |
| 61 | Dr. Sheeba S L | National | <i>Samakaleen Hindi Sahithya: Manaveeya Sambhandhom Ke Bhadalthe Roop</i> | Govt. Women's College, Tvpm | 15 November 2017 |
| 62 | Ms Lekha Rani M L | International | Atws, Sac | University Of Jaffna, Sri Lanka | 28-30 November 2017 |
| 63 | Ms Lekha Rani M L | National | Hurdles Faced In Fulfilling The Olympic Motto | University College, Tvpm | 18 January 2018 |
| 64 | Ms Lekha Rani M L | National | Dr K. K. Kusuman Commemoration Lecture | University Of Kerala | 16-18 March 2018 |
| 65 | Dr Parvathy Menon | International | Atws, Sac | University Of Jaffna, Sri Lanka | 28-30 November 2017 |
| 66 | Dr Parvathy Menon | National | Varied Cultural Traditions Of Kerala: An Endeavour To Revisit The Forgotten Past | Government College, Attingal | 12-14 December 2017 |
| 67 | Dr Parvathy Menon | National | Dr K. K. Kusuman Commemoration Lecture | University Of Kerala | 16-18 March 2018 |
| 68 | Ms. Vijaya Kumari K | National | Research Methodology | Govt. College Attingal | 27-29 November 2017 |

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| 69 | Ms. Vijaya Kumari K | National | Dr K K. Kusuman Commemoration Lecture | University Of Kerala | 16-18 March 2018 |
| 70 | Ms. Vijaya Kumari K | National | Introspecting Environmental Issues In India: Problems And Solutions | Senate Chamber, University of Kerala, Palayam | 14-16 February 2018 |
| 71 | Ms. Vijaya Kumari K | National | Conceptualizing Culture And Identity With Reference To Koragas | University of Calicut, Kerala | 28-30 January 2018 |
| 72 | Ms. Vijaya Kumari K | National | Understanding The Challenges To Indian Secularism | Senate Chamber, University of Kerala, Palayam | 20-22 March 2018 |
| 73 | Ms. Vijaya Kumari K | National | Gender Equality In Contemporary India : Issue And Challenges | Senate Chamber, University of Kerala, Palayam | 21 November 2017 |
| 74 | Ms. Vijaya Kumari K | National | DAS KAPITAL- It's Dynamic Life Of 150 Years | Institute of Management in kerala, University of Kerala | 18 th November 2017 |
| 75 | Dr. Vidya Nair | National | Gender And Politics | Dept. of Political Science, University Of Kerala | 27-28 February, 2018 |
| 76 | Dr. Vidya Nair | National | Teachers Training Workshop On ' Humanitarian Issues In Emergencies' | Cochin University of Science and Technology and ICRC | 17-19 April 2018 |
| 77 | Dr. Caroline Beena Mendez | National | Advances In Functional Materials | All Saints' College, Trivandrum | 19-20 September, 2017 |
| 78 | Dr. Caroline Beena Mendez | Regional | Changing Parameters Of Quality Assessment In Higher Education | TKM College of Arts & Science, Kollam | 25 th November 2017 |
| 79 | Dr. Caroline Beena Mendez | Regional | Restoration Of Values In Society Through Reforms In Higher Education | Marian College, Kuttikanam | 01 st ,2 nd May 2018 |
| 80 | Dr. Caroline Beena Mendez | Regional | Excellence In Higher Education : The Need For Strengthening Aided Sector In Kerala | St.Teresa's College, Ernakulam | 27 th May 2017 |

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|----|---------------------------|----------|---|--|-----------------------|
| 81 | Dr. Caroline Beena Mendez | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 82 | Dr. Deepa M | National | Advances In Functional Materials | All Saints' College, Trivandrum | 19-20 September, 2017 |
| 83 | Dr. Deepa M | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 84 | Dr. P S Anjana | National | National Workshop On Computational Neuroscience And Muscular Modeling | N S S College of Engineering, Palakkad | 20-22 July, 2017 |
| 85 | Dr. P S Anjana | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August, 2017 |
| 86 | Dr. P S Anjana | State | Ozone Layer-Earth's Sunscreen | Department of Zoology, All Saints' College, Tvpm | 25 September, 2017 |
| 87 | Dr. P S Anjana | National | Advances In Functional Materials | All Saints' College, Trivandrum | 19-20 September, 2017 |
| 88 | Dr. P S Anjana | National | Advances In Physics [NSAP] | Government Women's College, Trivandrum | 20-22 November 2017 |
| 89 | Dr. P S Anjana | National | Interdisciplinary Approaches In Materials And Biological Research | MG College, Trivandrum | 16-17, February, 2018 |
| 90 | Dr. P S Anjana | National | Luminescence And Its Applications | CSIR-NIIST | 14-16 February, 2018 |
| 91 | Dr. P S Anjana | State | 30 th Kerala Science Congress | MG College, Trivandrum | 11 January 2018 |
| 92 | Dr. Veena Suresh Babu | National | Advances In Functional Materials | All Saints' College, Trivandrum | 19-20 September, 2017 |
| 93 | Dr. Dhanalekshmy T G | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | August 11 2017 |
| 94 | Dr. Dhanalekshmy T G | National | Blue Economy: Fostering Sustainable Development And Profitable Resource Utilisation | Department of Zoology, FMN College, Kollam, | 22-23 August, 2017 |

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| 95 | Dr. Dhanalekshmy T G | State | Ozone Layer-Earth's Sunscreen | Department of Zoology, All Saints' College, Tvpm | 25 September, 2017 |
| 96 | Dr. Dhanalekshmy T G | International | Climate Change And Global Sustainability | Department of Zoology, All Saints' College, Tvpm | 18-19 December, 2017 |
| 97 | Dr. Dhanalekshmy T G | National | Insights Into The Interdisciplinary Perspectives Of Chemical And Biosciences | Govt Arts College Thycad, Tvpm | 26-28, February, 2018 |
| 98 | Ms. Divya Grace Dilip | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | All Saints' College | August 11 2017 |
| 99 | Dr Siny G Benjamin | National | World Environment Day Celebrations 2018 | KSCSTE | 5 June, 2018 |
| 100 | Dr Siny G Benjamin | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | August 11 2017 |
| 101 | Dr Siny G Benjamin | National | Ozone Layer Earth's Sunscreen | All Saints' College | 25 September 2017 |
| 102 | Dr Siny G Benjamin | National | Biodiversity – A Conservational Approach | University College, Trivandrum | 16-17 November 2017 |
| 103 | Dr Siny G Benjamin | International | International Conference On Climate Change And Global Sustainability | All Saints' College | 18- 19 December 2017 |
| 104 | Dr Siny G Benjamin | National | Bioinformatics | SN College Varkala | 5- 7 March 2018 |
| 105 | Dr Siny G Benjamin | State | Nature For Water: Solution For Water Related Crisis From Nature | All Saints' College | 23 March 2018 |
| 106 | Dr Siny G Benjamin | National | National Environment And Climate Change Congress NECCC 2018 | Energy Management Centre | 20-22 March 2018 |
| 107 | Dr Siny G Benjamin | National | National Workshop On Integrative Biology: Innovative Teaching In Biology | Interuniversity Centre for Evolutionary and Integrative Biology University of Kerala | 21 May 2018 |
| 108 | Dr Siny G Benjamin | National | Advances In Functional Materials | All Saints' College, Trivandrum | 19-20 September, 2017 |

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| 109 | Dr. D. Sherly | National | Popularisation Of Remote Sensing Based Maps And Geospatial Information | ISRO and Indian Society for Remote Sensing | 11 August 2017 |
| 110 | Dr. D. Sherly | National | Symposium On Ozone Layer Earth's Sunscreen | All Saints' College | 25 September 2017 |
| 111 | Dr. D. Sherly | National | Biodiversity – A Conservational Approach | University College, Trivandrum | 16- 17 November 2017 |
| 112 | Dr. D. Sherly | International | Climate Change And Global Sustainability ICCCGS 2017 | All Saints' College | 18-19 December 2017 |
| 113 | Dr. D. Sherly | National | Recent Trends In Molecular Taxonomy And Captive Breeding Techniques Of Fresh Water Ichthyofauna | Government College, Kottayam | 7-8 December 2017 |
| 114 | Dr. D. Sherly | National | National Seminar On Bioinformatic | S N College Sivagiri | March 5, 6,&7 |
| 115 | Dr. Margrette Leena V | National | Sports Culture Towards Wellness | Govt. College Nedumangad | 14-16 December 2017 |
| 116 | Dr. Margrette Leena V | National | Hurdles Faced In Fulfilling The Olympic Motto-A Forethought | University College TVM | 18 January 2018 |
| 117 | Dr. Margrette Leena V | National | Health And Wellness-The Key To Your Happy Life | Govt. College Kariavattom | 28 November 2017 |
| 118 | Dr. Margrette Leena V | International | Climate Change And Global Sustainability ICCCGS 2017 | All Saints' College | 18-19 December 2017 |
| 119 | Dr. Divya S R | National | Hurdles Faced In Fulfilling The Olympic Motto-A Forethought | University College TVM | 18 January 2018 |
| 120 | Dr. Divya S R | National | Sports Culture Towards Wellness | Govt. College Nedumangad | 14-16 December 2017 |
| 121 | Dr. Divya S R | National | Health And Wellness-The Key To Your Happy Life | Govt. College Kariavattom | 28 November 2017 |
| 122 | Dr. Divya S R | International | Diet And Nutrition On Prevention Of Chronic Disease-Obesity | University of Delhi | 5 - 6 May 2018 |
| 123 | Dr. Kavitha N | National | Peace And Harmony : India And Canada | UGC Area Study Centre for Canadian Studies | 17 February 2018 |

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|-----|------------------------------|---------------|--|---|-----------------------------|
| 124 | Ms. Sangeetha S. | International | India 2030 | Manonmaniam Sundaranar University Tirunelveli, Tamil nadu | 1 -2 September 2017 |
| 125 | Ms. Sangeetha S. | National | Fine Tuning Commerce Education And Research: Intriguing Challenges Ahead | Research and PG Department of Commerce, Govt. College for Women | 2- 4 November 2017 |
| 126 | Ms. Sangeetha S. | National | Moving In Turmoil: Changing Destinations And Origins | University of Kerala | 22-24 November 2017 |
| 127 | Ms. Sangeetha S. | National | Research Methodology | University of Kerala | 12-13 July 2017 |
| 128 | Ms. Sangeetha S. | National | National Workshop On Researching In Social Sciences- Know More The Humans | University of Kerala, Centre for Diaspora Studies | 16-20 January 2018 |
| 129 | Ms. Sangeetha S. | National | Skill Building In Business Research | Sree Narayana College, Kollam | 15 th March 2018 |
| 130 | Ms. Sangeetha S. | National | National Workshop On Data Analysis In Social Science Research | Govt. College Attingal | 24-28 th October 2017 |
| 131 | Sr. Carvalho Faustina Cicila | National | Methodology In Social Science Organized By Associations Of Indian Universities | Department of Economics Goa University | 5-11 December 2017 |
| 132 | Sr. Carvalho Faustina Cicila | National | Plagiarism | The Department Of Library And Information Sciences and (AADLIS) | 20 January 2018 |
| 133 | Sr. Carvalho Faustina Cicila | National | E-Marketing Of Products And Services: Way Forward? | St. Jerome's College, Kanyakumari | 9 th March 2018 |
| 134 | Sr. Carvalho Faustina Cicila | National | Revamping The Indian Financial System-The Democratic Approach | SN College, Kollam | 14 th March 2018 |
| 135 | Sr. Carvalho Faustina Cicila | National | GST- Indirect Tax Reforms In India | Mannaniya College of Arts and Science, TVM | March 16 and 17 2018 |

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| 136 | Ms. Jiji Vijayan | National | Equity Initiative: Hands On Training In Quantitative Data Analysis | Dept. Of economics, University of Kerala | 12-14 March 2018 |
| 137 | Ms. Jiji Vijayan | National | Basic Econometric Applications In Social Science Research | Govt College Nedumangad | 26-28 October 2017 |
| 138 | Dr. Reshma JK | National | One day training programme on Environment Management | Sasthra Bhavan, Pattom | 6 th January 2017 |
| 139 | Ms. Vijaya Kumari K | National | Methodology and Research Writing | Kerala State Higher Education Council | 22-25 November 2017 |

Paper Presentations

| Sl. No | Name of the faculty | Level | Title of the paper | Date |
|--------|---------------------|---------------|---|-----------------|
| 1 | Dr. Nisha K K | National | Cytokinin Benzyl Adenine Overrides The Inhibitory Effects Of Gibberellins And Low Sucrose Concentrations During Microtuberisation Of Potato | 26- 28 Feb 2018 |
| 2 | Dr. Sr. Shaina T J | International | Biomonitoring Of Pollution By Microalgae- A Case Study Of Rivers Parvathy Puthanar, Karamanayar And Neyyar Of Thiruvananthapuram | 27-28 Feb 2018 |
| 3 | Dr. Shirmila Jose | National | Bioassay Guided Fractionation And Identification Of Bioactive Compounds Of Mushroom <i>Termitomyces Mummiformis</i> | 26-28 Feb 2018 |
| 4 | Dr. Siji V L | National | Optical Characterisation Of Tristhiourea Potassium Chloride Single Crystals | 19-20 Sept 2017 |
| 5 | Dr. Siji V L | International | Synthesis And Characterisation Of Thiocyanato Complexes Of Th(IV)Dioxouranium(VI) With Pyrazotone | 21-22 Sept 2017 |
| 6 | Dr. Siji V L | National | Density Functional Theory Calculations Of 9-Antraldehyde N(4)- Phenyl Semicarbazone | 4 Oct 2017 |
| 7 | Dr. Siji V L | National | Vibrational, Spectral And Normal Co-Ordinate Analysis Of Isoflavanoid Molecule 4-Chloro-5,7-Dimethoxy Iso Flavone | 12-14 Dec 2017 |
| 8 | Dr. Siji V L | State | Synthesis, Growth, Spectral, Magnetic And Antimicrobial Studies Of A Novel Cobalt (II) Complexes Of Acetone-N(4)Phenylsemicarbazone | 6 Jan 2018 |

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|----|---------------------------|---------------|---|---|
| 9 | Dr. Sheeba S L | National | <i>Samakaleen Hindi Sahithya: Manaveeya Sambhandhom Ke Bhadalthe Roop</i> | 15 November 2017 |
| 10 | Dr. Lekha Rani M L | International | Impact Of Plantation Industry On The Environment Of Kerala | 28-30 Nov 2017 |
| 11 | Dr. Lekha Rani M L | National | Modern History Of Women In Olympics | 18 Jan 2018 |
| 12 | Dr. Parvathy Menon | International | Violation Of Women's Rights In India | 28-30 Nov 2017 |
| 13 | Ms. Vijaya Kumari K | National | 'Practices Of Discrimination And Subjugation Of Koragas Of Wynad And Kasargod In Kerala | 1- 3 July 2017 |
| 14 | Ms. Vijaya Kumari K | National | Discourse On The Issues Of Gender Disparity Among Tribal Women Of Kerala With Reference To Koragas | 21 -23 Nov 2017 |
| 15 | Ms. Vijaya Kumari K | International | Conceptualizing Culture And Identity With Reference To Koragas | 28-30 Jan 2018 |
| 16 | Ms. Vijaya Kumari K | National | Problems In The Promotion Of Education Among Tribal Population With Reference To Koraga Tribe | 18 th November 2017 |
| 17 | Ms. Vijaya Kumari K | National | Isolation Of Marginalised In A Democratic State Of Kerala | 16-18 March 2018 |
| 18 | Ms. Vijaya Kumari K | National | Practicing The Concept Of Secularism Through Unifying Philosophy | 20-22 March 2018 |
| 19 | Dr. C Udayakala | National | <i>Avishkara Vividhyam Malayala Novel Rechanayil</i> | 5-7 Dec 2017 |
| 20 | Dr. C Udayakala | National | <i>Naveen Kavithayude Bhavukathva Parinamam Sachidanandan Kavithakalil</i> | 23 rd -25 th March 2017 |
| 21 | Smt. Lathika.A.C | National | <i>Basher Kathakalile Samoohya Parisaram-Bhinnabhavangal</i> | 05-07 December 2017 |
| 22 | Dr. Caroline Beena Mendez | National | Electrical, Dielectric And Permeability Studies Of $Ba_3 Co_{2-x}Cd_x Fe_{24}O_{41}$ Hexaferrite | 19-20 Sept 2017 |
| 23 | P. S. Anjana | National | Synthesis And Dielectric Properties Of Vanadate Based Ceramics | 19-20 September, 2017 |
| 24 | P. S. Anjana | National | Structural And Optical Properties Of 50baO - (5-X) Al_2O_3 - Xdy_2O_3 - 30 B_2O_3 - SiO_2 (X = 0, 5) Glass System | 14-15 Feb 2018 |

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|----|------------------------------|---------------|---|---------------------------------|
| 25 | P. S. Anjana | National | Structural And Dielectric Properties Of Zinc Borate Glass Systems Containing Cerium Oxide | 16-17, February, 2018 |
| 26 | P. S. Anjana | National | Effect Of Calcination Temperature On Luminescence Properties Of CaAl_2O_4 : Dy Phosphor | 20-22 November 2017 |
| 27 | Dr. Dhanalekshmy T. G. | National | Ecological Role Of Ponds In Urban Area | 26-28 Feb 2018 |
| 28 | Dr. Dhanalekshmy T. G. | National | Ground Water Quality Assessment Of The Selected Sites In Thiruvananthapuram | 22-23 August, 2017 |
| 29 | Dr Siny G Benjamin | National | Bioinformatics- Deciphering Dna | 7 March 2018 |
| 30 | Dr. Margrette Leena V | National | Olympic Motto-The Building Block | 18 Jan 2018 |
| 31 | Dr. Divya SR | National | Modern Lifestyle And Hypo Kinetic Diseases. | 18 Jan 2018 |
| 32 | Dr. Divya SR | International | Diet And Nutrition On Prevention Of Chronic Disease -Obesity | 5 -6 May 2018 |
| 33 | Ms. Sangeetha S. | International | Redefining Corporate Social Responsibility For The Future India | 1-2 Sept 2017 |
| 34 | Ms. Sangeetha S. | International | Role Of Entrepreneurship For Sustainable Development | 1-2 Sept 2017 |
| 35 | Ms. Sangeetha S. | National | International Migration And Entrepreneurial Skill Development: Does The Host Country Gain Or Lose? | 2- 4, Nov 2017 |
| 36 | Ms. Sangeetha S. | National | Impact Of GST On Business | 16-17 th March 2018 |
| 37 | Ms. Sangeetha S. | National | Demonitization In India: Short Term Impact On Remittance Of Non Resident Indians | 4-6 th December 2017 |
| 38 | Sr. Carvalho Faustina Cicila | National | Customer Perception Of Quality Of E-Banking Services And Response To The Grievance Redressal Process | 09 March 2018 |
| 39 | Sr. Carvalho Faustina Cicila | National | Customer Evaluation Of Banking Grievance Redressal Experience:Implication For Relationship Management | 14 March 2018 |
| 40 | Sr. Carvalho Faustina Cicila | National | GST Grievances And Complaint Redressal Options – An Overview | 16-17 March 2018 |
| 41 | Ms. Lissy Bennet | National | Emerging Challenges And Trends In Commerce Education | 02-04 November 2017 |

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|----|------------------|----------|---------------------------------------|---------------------------|
| 42 | Ms. Lissy Bennet | National | Demonetization Push To Labour Reforms | 04-06 December 2017 |
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Resource Persons (Provide details below)

National

1. Dr. D. Sherly served as Resource Person in Training Programme AMITY University Centre, Peroorkkada on 18-26th July 2017.
2. Dr Siny G Benjamin served as Resource Person in National Seminar on Bioinformatics- Deciphering DNA at SN College Varkala on 7th March 2018
3. Dr Parvathy Menon chaired a session for the national seminar “Varied cultural traditions: An Endeavour to Revisit the Forgotten Past” held at Govrnment college, Attingal on December 13, 2017
4. Dr. Smitha Asok V delivered a Key-note address entitled ‘Role of Geo-informatics in Biodiversity Conservation - A Western Ghats Perspective’ in the Second National Seminar on Geospatial Information Systems: Emerging Trends and Utilities organized by Inter University Centre for Geospatial Information Science and Technology, University of Kerala on 14th and 15th December, 2017.

State

1. Dr. Cinthya Christopher served as Resource Person in Seminar on Career Guidance at MGHSS, Kaniyapuram on 9th December 2017.
2. Ms. Sangeetha S. served as Resource person in the One day Regional Seminar on Contemporary issues of Cooperative Sector in India organized by Department Of Commerce, Sree Narayana College, Chempazhanchy, Thiruvananthapuram on 16th November 2017.
3. Dr. Reshma J. K., delivered an invited lecture on 'Portfolio Development' during the "Learning to Learn" induction program conducted on 28th November 2017 at Department of Computational Biology and Bioinformatics, University of Kerala.
4. Dr. Reshma .J.K., has delivered a lecture on the topic ‘Urbanisation-Problems and remedies’ to the students of civil service foundation course students of Vlachankara Forane Education Ministry on 20.08.2017.
5. Dr. Reshma .J.K., has delivered a lecture on the topic ‘Environmental Protection’ to the students of civil service foundation course students of Vlachankara Forane Education Ministry on 26.11.2017.
6. Dr. Reshma .J.K., has delivered a lecture on the topic ‘Major crops in India’ to the students of civil service foundation course students of Vlachankara Forane Education Ministry on 26.11.2017.
7. Dr. Reshma J K., delivered an invited lecture on "Portfolio Development" for Walk with a Scholar programme at Govt. Women's College on 23.03.2018
8. Dr. P. S. Anjana is the Visiting Faculty of Institute for Intensive Research in Basic Sciences (IIRBS), offering MS Programme and Integrated Ph. D. Programme, MG University, Kerala

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- FOSS-GIS based studies for M Sc project work.
- As part of FLAIR, the best practice of preparing Skills portfolio and Career portfolio for Post graduate students is implemented.
- E-resources such as online content and digitised study materials are available to students on campus.
- Outreach Course conducted as part of EDUSAT under the aegis of the Indian Institute of Remote Sensing, Dehradun.
- A centre named 'Students Scholastic Support Hub' (SSSH) is started to support the extra curricular as well as co-curricular scholastic skills of students.
- 'Experientio' - Meritorious alumni members and retired members of teaching faculty take classes for students.
- Furnishing self-designed curriculum and exercises for the language lab, thus eliminating run of the mill language exercises.

2.7 Total No. of actual teaching days during this academic year

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| 190 |
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Online entry of examination attendance details of students. Maintaining and updating the valuation index card of the teachers.
- Double valuation of PG internal papers.
- Regular evaluations of student progress carried out through the internal examinations, quizzes, snap tests and open book examinations.
- The participants of the Bridge courses are given a capacity evaluation test at the end so as to assess impact.
- Undergraduate and post graduate students are being encouraged to present papers and posters at seminars and conferences.
- Forming of an internal squad committee to prevent possible malpractices in examinations

2.9 No. of faculty members involved in curriculum restructuring /revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

| | Member of Board of Studies | Chairman of the board of question paper setters | Curriculum Development Workshop | Chairman of University Examinations | Question Paper Setters |
|-------------------|----------------------------|---|---------------------------------|-------------------------------------|------------------------|
| Number of Faculty | 3 | 1 | 4 | 1 | 7 |

| Sl. No. | Name of the faculty | Field of involvement | Member of: |
|---------|----------------------|--|---|
| 1 | Dr. Sr. Shaina T. J. | Curriculum Restructuring, Revision of syllabus | Member of Board of Studies for Botany, Mar Ivanios College, Thiruvananthapuram (Autonomous Institution) |
| 2 | Dr. J K Reshma | Curriculum restructuring, Revision of syllabus | Member of Board of Studies in Environmental Sciences, University of Kerala |
| 3 | Dr. Reshmi R Prasad | Curriculum restructuring, Revision of syllabus | Member of Board of Studies, University of Kerala |

| Sl. No. | Name of the faculty | Field of involvement | Member of: |
|---------|---------------------|---|-----------------------|
| 1. | Dr. P S Anjana | Chairman of the board of question paper setters | University of Calicut |

| Sl. No. | Name of the faculty | Field of involvement | Member of: |
|---------|-----------------------|---|--|
| 1 | Dr. Veena Suresh Babu | Question paper setter | St Berchman's College, Changanassery |
| 2 | Dr Siny G Benjamin | Question paper setter | Calicut University |
| 3 | Dr. Divya SR | Member of board of Question setters | Physical Education, St. Josephs College Devagiri, Calicut |
| 4. | Sonya J. Nair | Member of board of question paper setters | Fatima Mata National College, (Autonomous), Kollam |
| 5. | Kukku Xavier | Member of board of question paper setters | Fatima Mata National College, (Autonomous), Kollam |
| 6. | Dr. Nisha K K | Question paper setter | Mar Ivanios College, Thiruvananthapuram (Autonomous Institution) |

| Sl. No. | Name of the faculty | Field of involvement | Member of: |
|---------|---------------------|---------------------------------|--|
| 1. | Dr. Ayona Jayadev | Curriculum Development workshop | Environmental Sciences, University of Kerala |
| 2. | Dr. Smitha Asok V. | Curriculum Development workshop | Environmental Sciences, University of Kerala |
| 3. | Ms. Rajani V. | Curriculum Development workshop | Environmental Sciences, University of Kerala |
| 4. | Dr. Deepa M | Curriculum Development workshop | University of Kerala |

2.10 Average percentage of attendance of students-

92.12

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total no. of students appeared | Division (%) | | | | |
|---------------------------|--------------------------------|--|---------------------------|----------------------------|-------------|-------|
| | | Distinction A ⁺ , A, B ⁺ | I Class B, C ⁺ | II class C, D ⁺ | III class D | Pass |
| B. Sc Botany | 52 | 42.31 | 13.46 | - | - | 55.77 |
| B.Sc Chemistry | 48 | 33 | 19 | - | - | 52 |
| B.Com (Finance & TTM) | 107 | 63.55 | 23.36 | 1.87 | - | 90.65 |
| B A Economics | 71 | 11 | 8 | 8 | - | 27 |
| BA English | 72 | 2 | 28 | 38 | 29 | 97 |
| BA Communicative English | 40 | 2 | 12 | 57 | 24 | 95 |
| BA History | 67 | 0 | 4 | 12 | 18 | 50.45 |
| B.Sc Mathematics | 46 | 64 | 13 | -- | - | 77 |
| BSc. Physics | 23 | 87 | - | - | - | 87 |
| B.Sc. Zoology | 45 | 20 | 22 | 4 | - | 47 |
| M Com | 19 | 89.47 | | | - | 89.47 |
| MA English Literature | 20 | 7 | 66 | 15 | 7 | 95 |
| MSc Environmental Science | 13 | - | 85 | 15 | - | 100 |

Provide details about University Rank holders if any:

| Sl. No. | Name | Course | Rank |
|---------|-------------------|-----------------------------|------|
| 1 | Neena P.T | M Sc Environmental Sciences | I |
| 2 | Arya Unnikrishnan | M Sc Environmental Sciences | II |
| 3 | Lini Mol S | M Com | I |
| 4. | Gowri S. Panicker | B.A. History | I |
| 5 | Apsara I.G | B.Sc Botany | I |
| 6 | Malavika K.G | B.Sc Chemistry | II |
| 7 | Akshaya N. | B.Sc Mathematics | III |
| 8 | Sandra Satheesh | B.Sc Physics | IV |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Encouraging regular feedback from departments on curriculum, internal facilities, student progression.
- Academic audit report collected from all departments, duly assessed and recommendations given.
- Appraisal obtained from teachers so as to assess their qualitative progress.
- Assessment collected from students and stakeholders about teachers collected, analysed and addressed.
- Monitoring student attendance and requisite measures taken.

2.13 Initiatives undertaken towards faculty development:

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|-------------------------------------|
| Refresher courses | 7 |
| UGC – Faculty Improvement Programme | 2 |
| HRD programmes | Nil |
| Orientation programmes | 1 |
| Faculty exchange programme | Nil |
| Staff training conducted by the university | 1 |
| Staff training conducted by other institutions | Nil |
| Summer / Winter schools, Workshops, etc. | 2 |
| Others (Short Term Course) | 1 |

| Sl. No. | Name of the faculty | Name of the programme | Subject | Venue | Duration/ Date |
|----------------|----------------------------|------------------------------|------------------------|--|--|
| 1 | Dr. Nisha K.K. | Refresher course | Life Sciences | HRDC, University of Kerala | 21 days 8/11/2017 to 28/11/2017 |
| 2. | Dr. Sr. Shaina T J | Refresher course | Life Sciences | Pondicherry university | 21 days 2/01/2018 to 22/01/2018 |
| 3 | Dr. Margrette Leena V | Refresher Course | Physical Education | University of Kerala, Kariavattom | 29May2018 to 18 June2018 |
| 4 | Dr. Ayona Jayadev | Refresher course | Life Sciences | HRDC, University of Kerala | 21 days 8/11/2017 to 28/11/2017 |
| 5 | Ms.Lissy Bennet | Refresher course | Human Rights | HRDC, University of Kerala | 13.06.2017 to 03.07.2017 |
| 6 | Dr. Udayakala.C. | Refresher Course | Women's Studies | HRDC-JNU, New Delhi | 09.10.2017 to 03.11.2017 |
| 7 | Ms. Renjini Raveendran P | Refresher course | Environmental Sciences | HRDC, University of Kerala | 09.01.2018 to 29.01.2018 |
| 8 | Ms. Sangeetha S | FIP | Commerce | Department of Legal Studies, Kariavattom | 2 years |

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|----|------------------------------|-----------------------|------------------------------------|----------------------------|--|
| 9 | Sr. Carvalho Faustina Cicila | FIP | Commerce | Mar Ivanious College | 2 years |
| 10 | Dr. Vidya Nair | Teacher Training | Humanitarian Issues In Emergencies | CUSAT | 17-19 April 2018 |
| 11 | Dr. Veena Suresh Babu | Orientation | Orientation Programme | HRDC, University of Kerala | 04.01.2018 - 31.01.2018 |
| 12 | Dr. Reshma. J.K | Special Summer School | Multidisciplinary research Course | HRDC, University of Kerala | 11 th to 31 st July 2017 |
| 13 | Dr. Siny G Benjamin | Special Summer School | Multidisciplinary research Course | HRDC, University of Kerala | 11 th to 31 st July 2017 |
| 14 | Dr. Siny G Benjamin | Short term Course | Disaster Management | HRDC, University of Kerala | 18 th to 25 th July 2018 |

2.14 Details of Administrative and Technical staff:

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------|----------------------------|--|--|
| Administrative Staff | 18 | 8 | Nil | 8 |
| Technical Staff | 1 | Nil | Nil | Nil |

| Sl. No. | Name | Designation | Category |
|---------|-----------------------|------------------|----------------------|
| 1. | Smt. Filomina J | Sr. Supdt | Administrative Staff |
| 2. | Sr. Sheeba N A | Head Acct | Administrative Staff |
| 3. | Smt. Sathy Devi C | L D C | Administrative Staff |
| 4. | Smt. Latha Varghese | L D C | Administrative Staff |
| 5. | Sr. Tissy Joseph | L D C | Administrative Staff |
| 6. | Smt. Marykutty S | Lib. Asst. | Administrative Staff |
| 7. | Smt. Anitha R | Herbarium Keeper | Administrative Staff |
| 8. | Smt. Kushala Kumari P | Lab Asst. | Administrative Staff |
| 9. | Smt. Thresiamma V | Lab Asst. | Administrative Staff |
| 10. | Smt. Renuka C | Lab Asst. | Administrative Staff |
| 11. | Smt. Vijayakumari | Lab Asst. | Administrative Staff |
| 12. | Smt. Annamma George | Lab Asst. | Administrative Staff |
| 13. | Smt. S Rema Devi | L D C | Administrative Staff |
| 14. | Sr. Tresa A J | L D C | Administrative Staff |
| 15. | Sr. Jessy Thomas | L D C | Administrative Staff |
| 16. | Smt. Deepthi V | L G S | Administrative Staff |
| 17. | Smt. Minimol Jacob | L G S | Administrative Staff |
| 18. | Smt. Bindu Y | L G S | Administrative Staff |
| 19. | Shri. Shaji A | Mechanic | Technical Staff |

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution:

- Encouraging faculty to undertake major and minor research projects with external funding
- Locating funds from various sources for research activities and recommending seminars and conferences for teachers to organise and participate in. Publications in research journals are also encouraged.
- Setting up research labs and other facilities for the newly enrolled research guides from the various departments.
- Helping students obtain funds from agencies such as Kerala State Council for Science, Technology and Environment for their end semester projects.
- Updating library facilities and making more e-resources available.
- UG and PG students are encouraged to take up innovative ideas and research oriented concepts for their End semester Projects. Copies of the same are being retained by the Cell.

3.2 Details regarding major projects:

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|------------|------------|-----------|
| Number | Nil | 2 | Nil | Nil |
| Outlay in Rs. Lakhs | Nil | 34.36985/- | Nil | Nil |

| Name of Project | Funding agency | Outlay Rs In lakhs | Period | Status | Principal Investigator |
|---|--|--------------------|-----------------|---------|------------------------|
| ‘Above ground volume/ biomass estimation and validation using air-borne S and L band NISAR data and Radiative transfer modelling’ | Space Applications Centre, Indian Space Research Organization, Ahmedabad | Rs. 20,22,000 | 2017-20 (3 yrs) | Ongoing | Dr. Smitha Asok V |
| ‘Landscape level vegetation classification using High Resolution Remote Sensing data for the conservation and planning of Western Ghats – a pilot study in Neyyar Wildlife Sanctuary, Thiruvananthapuram, Kerala’ | Kerala State Council for Science, Technology and Environment | Rs. 14,14,985 | 2016-18 (2 yrs) | Ongoing | Dr. Smitha Asok V |

3.3 Details regarding minor projects:

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | Nil | Nil | Nil | Nil |
| Outlay in Rs. Lakhs | | | | |

3.4 Details on research publications:

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 57 | 15 | - |
| Non-Peer Review Journals | | | |
| e-Journals | | | |
| Conference proceedings | | 6 | |

| Name of the faculty | Name of the journal | Title of the paper | Level | Year | Others |
|-------------------------|---|---|----------|------|--------------------------|
| Dr. Cinthya Christopher | Journal Of Cytology And Genetics | Genetic Divergence Analysis In <i>Bacopa Monnieri</i> Occurring In Kerala | National | 2018 | Vol.19, 55-62 |
| Dr. Cinthya Christopher | Journal Of Cytology And Genetics | Cytology In The Systematics, Phylogeny And Evolution In Plants: I Pteridophytes | National | 2018 | Vol.19, 47- 53 |
| Dr. Cinthya Christopher | Journal Of Cytology And Genetics | Cytology In The Systematics, Phylogeny And Evolution In Plants: I Gymnosperms | National | 2018 | Vol.19, 63- 70 |
| Dr. Nisha K.K | Trends In Biosciences | Cytokinin Benzyl Adenine Overrides The Inhibitory Effects Of Gibberellins And Low Sucrose Concentrations During Microtuberisation Of Potato | National | 2018 | Vol. 11(7): 1535 - 1538 |
| Dr. Nisha K K | Trends In Biosciences | <i>In Vitro</i> Culture Of <i>Philonotis Falcata</i> (Hook)Mitt., A Moss Species From Nilgiri Hills | National | 2018 | Vol. 11(7): 1310 - 1313 |
| Dr. Nisha K K | Journal Of Advances In Biological Science | Cytotoxic Effect Of <i>Crotalaria Laburnifolia</i> L. Leaf Extract On <i>Allium Cepa</i> Root Tip Cells | National | 2017 | Vol. 4 (2) 72 - 75 |
| Dr. Shirmila Jose | Trends In Biosciences | Bioassay Guided Fractionation And Identification Of Bioactive Compounds Of Mushroom <i>Termitomyces Mummiformis</i> | National | 2018 | Vol. 11 (7): 1200 - 1205 |
| Dr. Shirmila Jose | Trends In Biosciences | Bioconversion Of Water Hyacinth As A Alternate Substrate For Mushroom (<i>Pleurotus Eous</i>) Cultivation | National | 2018 | Vol. 11 (7): 1447 - 1451 |

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|----------------------|--|---|---------------|------|-------------------------|
| Dr. Siji V L | International Journal Of Advance Research In Science And Engineering | Optical Characterisation Of Trithiourea Potassium Chloride Single Crystals | International | 2017 | Vol. 6, Issue 03, 27-29 |
| Dr. Beenakumari K.S. | International Journal Of Scientific Engineering And Research (IJSER) | An Ecofriendly Method For The Removal Of Acidity In Drinking Water | International | 2017 | Vol.5, Issue 8, 78-80 |
| Dr. Sheeba S.L | Keralajothi | <i>Adunik Naripradhan Kavyom Mein Janajathiyom Ke Manavadhikar</i> | National | 2018 | Vol: LV (3), 33- 35 |
| Dr Reshma J K | International Journal Of Innovative Knowledge Concepts | Anonymous Prototypes Of <i>Moringa Oleifera</i> In Urban And Coastal Area | International | 2017 | 5 31-33 |
| Dr Reshma J K | International Journal Of Applied Research | Analysis Of Antioxidant Properties Of <i>Moringa Oleifera</i> In Urban And Coastal Area | International | 2017 | 3 1080-1101 |
| Dr Reshma J K | International Journal Of Innovative Knowledge Concepts | Phytochemical Analysis Of <i>Moringa Oleifera</i> In Urban And Coastal Area | International | 2017 | 5 87-89 |
| Dr Reshma J K | International Journal Of Multidisciplinary Educational Research | Soil Analysis Of <i>Moringa Oleifera</i> In Urban And Coastal Area | International | 2017 | 6 78-85 |
| Dr Reshma JK | International Journal Applied Research | Analysis Of Antioxidant Properties Of <i>Azadirachta Indica</i> In Urban And Coastal Area | International | 2017 | 3 359-361 |
| Dr Reshma JK | Journal Of Emerging Technologies And Innovative Research | Phytochemical Analysis Of <i>Azadirachta Indica</i> In Urban And Coastal Area | International | 2017 | 4 361-365 |
| Dr Reshma JK | International Journal Applied Research | Analysis Of Antioxidant Properties Of <i>Murraya Koengii</i> In Urban And Coastal Area | International | 2017 | 3 516-519 |

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|-------------------|--|---|---------------|------|-----------------------------|
| Dr Reshma JK | Journal Of Emerging Technologies And Innovative Research | Phytochemical Analysis Of <i>Murraya Koengii</i> In Urban And Coastal Area | International | 2017 | 4 238-240 |
| Dr. Ayona Jayadev | International Journal For Research In Applied Science & Engineering Technology | Comparative Study Of Moisture, Crude Fibre Protein And Mineral Composition In Five Varieties Of Cassava (<i>Manihot Esculenta</i> Crantz) Tubers | International | 2017 | 5(9) Pp. 1954 - 1959 |
| Dr. Ayona Jayadev | International Journal For Research In Applied Science & Engineering Technology | Determination Of Tannin, Phytate, And Total Oxalate Content In Selected Varieties Of Cassava (<i>Manihot Esculenta</i> Crantz) Tubers | International | 2017 | 5(11) Pp. 141 – 145 |
| Dr. Ayona Jayadev | International Journal For Research In Applied Science & Engineering Technology | Effect Of Heavy Metal Stress Cadmium On Morphological Physiological Activity And Anatomy Of Cow Pea Plant (<i>Vigna Uncnigulate</i>) | International | 2017 | 5(10) Pp. 281 – 290 |
| Dr. Ayona Jayadev | International Journal Of Applied Research | Analysis Of Total Carbohydrate And Total Cyanide Content In Varieties Of Cassava (<i>Manihot Esculenta</i> Crantz) Tubers | International | 2017 | 3(8) pp. 289 – 292 |
| Dr. Ayona Jayadev | International Journal Of Applied Research | A Comparative Analysis Of Antioxidant Properties Of Three Varieties Of <i>Annona</i> Sp | International | 2017 | 3(7) pp. 1174 – 1178 |
| Dr. Ayona Jayadev | International Journal For Research In Applied Science & Engineering Technology | Nutritional Factors In Three Varieties Of <i>Annona</i> Species | International | 2017 | 5(11) Pp. 73 – 79 |

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|-------------------|---|---|---------------|------|--------------------------------|
| Dr. Ayona Jayadev | International Journal For Research In Applied Science & Engineering Technology | Anti-Nutritional Factors In Three Varieties Of <i>Annona</i> Species | International | 2017 | 5(9) Pp. 1776 - 1783 |
| Dr. Ayona Jayadev | International Journal For Research In Applied Science & Engineering Technology | Comparative Analysis Of Nutritional And Anti Nutritional Components Of Selected Citrus Fruit Species | International | 2017 | 5 (10) Pp. 309 - 312 |
| Dr. Ayona Jayadev | International Journal Of Applied Research | Influence Of Salt Stress On The Morphological, Physiological Activity And Anatomy Of Cow Pea Plant (<i>Vigna Uncnigulate</i>) | International | 2017 | 3(8) pp. 281 – 288 |
| Dr. Ayona Jayadev | World Journal Of Pharmacy And Pharmaceutical Sciences | Activity Screening And Optimization Of Marine Fungal Strains For Protease Activity | International | 2017 | 6(9) pp. 1195-1201 |
| Dr. Ayona Jayadev | Environment And We An International Journal Of Science And Technology | Efficiency Of Nutrient Mobilization Of Green (<i>Vigna Radiata</i> Var. Applying Fertilizer and Without radiate) Plant With | International | 2017 | 12 pp 1 - 13 |
| Dr. Smitha Asok V | International Journal Of Innovative Research In Science, Engineering And Technology | A Comparative Appraisal On Satellite Remote Sensing Data As A Utilitarian Tool In Forest Health And Fragmentation Analysis | International | 2017 | 6.887 ICV 45.986 12184 - 12194 |
| Dr. Smitha Asok V | International Journal Of Research In Applied Science And Engineering Technology | Remote Sensing Based Forest Fragmentation Analysis Using GIS Along Fringe Forests Of Kollam District, Kerala | International | 2017 | 5 728 - 739 |

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|-------------------|---|---|---------------|------|----------------------------------|
| Dr. Smitha Asok V | International Journal Of Research In Applied Science And Engineering Technology | Remote Sensing Based Forest Health Analysis Using GIS Along Fringe Forests Of Kollam District, Kerala | International | 2017 | 5 740-751 |
| Dr. Smitha Asok V | Asian Journal Of Multidisciplin ary Research | Role Of Drainage Morphometry And Hypsometry In The Prognosis Of Basin Geo Environment A Review | International | 2017 | 3 1-11 |
| Dr. Smitha Asok V | International Journal Of Research In Applied Science And Engineering Technology | Urban Landscape Analysis Using Remote Sensing And GIS In Kollam District | International | 2017 | 5 879-886 |
| Smitha Asok V | International Journal Of Earth Sciences And Engineering | 'Urban Agent Based Model Of Urban Slum Dharavi, Mumbai' | International | 2017 | Volume 10, No.06, pp. 1110-1117. |
| Smt Rajani V | International Journal Of Innovative Research In Science, Engineering And Technology | Effect Of Industrial Effluent On Soil Characteristics | International | 2017 | 6 1111-1116 |
| Smt Rajani V | International Journal Of Innovative Research In Science, Engineering And Technology | Effect Of Industrial Effluent On Selected Nutrient Factors Of <i>Amaranthus</i> Species | International | 2017 | 6 18068-18071 |
| Smt Rajani V | International Journal Of Basic And Applied Research | Preliminary Analysis On Impacts Of Industrial Effluent On Morphology If <i>Amaranthus</i> Species | International | 2017 | 7 4-8 |
| Smt Rajani V | International Journal Of Applied Research | Amino Acid Profilling Of Selected Ethnic Fruits | International | 2017 | 3 529-532 |

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|---------------------------|---|--|---------------|------|-------------------------|
| Smt Rajani V | International Journal Of Innovative Research In Science, Engineering And Technology | Profilling Of Amino Acids In Five Edible Fruits Of Kerala | International | 2017 | 6 13306-13310 |
| Smt Rajani V | International Journal Of Applied Research | Effect Of Pickling On B-Carotene And Total Phenol Content Of Selected Fruits | International | 2017 | 3 976-978 |
| Smt Rajani V | International Journal Of Research In Applied Science And Engineering Technology | Impact Of Pickling On Carbohydrate Protein And Tannin Content Of Five Selected Fruits | International | 2017 | 52 36-38 |
| Smt Rajani V | International Journal Of Trends In Biosciences | Effects Of Industrial Effluent On Soil Characteristics, Plant Growth And Selected Nutritional Factors In <i>Amaranthus</i> Sps | International | 2018 | Vol 11(7), 1123-1131 |
| Dr. Caroline Beena Mendez | <i>Int. J. Adv. Res. Sci. And Engg</i> | Electrical, Dielectric And Permeability Studies Of $Ba_3 Co_{2-x} Cd_x Fe_{24} O_{41}$ Hexaferrite | International | 2017 | |
| Dr Deepa M | <i>Int. J. Adv. Res. Sci. And Engg</i> | Effect Of Cobalt Doping On Structural, Optical And Dielectric Properties Of SrO_2 Nanoparticles | International | 2017 | Vol. 6(03), 30-38 |
| Dr Deepa M | <i>Int. J. Adv. Res. Sci. And Engg</i> | Study On The Dielectric Properties Of A New Polymorph Of Strontium D,L- Malate | International | 2017 | Vol. 6(03), 151-155 |
| Dr Deepa M | <i>Int. J. Adv. Res. Sci. And Engg</i> | Structral And Electrical Studies Of Ni Doped ZnO Thin Films Deposited By Sol-Gel Method | International | 2017 | Vol. 6(03), 1-65 |
| Dr. P S Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Study Of Glasses In Boro Aluminosilicate System | International | 2017 | Vol. 6(03), 279 |
| Dr. P S Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Synthesis And Dielectric Properties Of Vanadate Based Ceramics | International | 2017 | Vol. 6(03), 222 |
| Dr. P. S. Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Effect Of Eu Doping Concentration On Mechanoluminescent (ML) Properties Of Mal_2O_4 (M = Ba, Mg) | International | 2017 | Vol. 6(03), 199 |
| Dr. P. S. Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Structural And Dielectric Studies Of Copper Doped Zinc Borate Glass Ceramic System | International | 2017 | Vol. 6(03), 186 |
| Dr. P. S. Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Synthesis And Characterization Of $CaAl_2O_4: Dy^{3+}$ Ceramic | International | 2017 | Vol. 6(03), 168 |

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|------------------------|---|---|---------------|------|----------------------------|
| Dr. P. S. Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Studies Of Dysprosium Doped Silicate Glass | International | 2017 | Vol. 6 (03), 246 |
| Dr. P. S. Anjana | <i>Int. J. Adv. Res. Sci. And Engg</i> | Study On The Luminescent Properties Of Dysprosium Doped Barium Vanadate Phosphor | International | 2017 | Vol. 6 (03), 307 |
| Dr. P. S. Anjana | <i>J. Ultra Scientist Of Physical Sci.</i> | Mechanoluminescence Studies Of 0.5ba0.5zno-Al ₂ O ₃ : Xeu (X = 0,0.02,0.05,0.1,0.2,0.3,0.4,0.5) Phosphor By Impulsive Deformation Technique | International | 2017 | Vol. 29(11),319-324 |
| Dr. P. S. Anjana | Optik – Int. J. Light And Electron Optics | Synthesis, Characterization And Mechanoluminescence Properties Of Europium Doped (1-X) Mgo.Xbao-Al ₂ O ₃ :0.1 Eu (X = 0, 0.2, 0.4, 0.5, 0.6, 0.8, And 1.0) Phosphors (In Press) | International | 2018 | Vol. 156, 921-928 |
| Dr. Dhanalekshmy T. G. | International Journal Of Trends In Biosciences | Ecological Role Of Ponds In Urban Area | International | 2018 | Vol.11 (7), 1062-65 |
| Smt. Vijaya Kumari K | Printing Area International Journal | Practices Of Discrimination And Koragas Of Kasaragod | International | 2017 | Vol 03: 75-79 |
| Smt. Vijaya Kumari K | International Education And Research Journal IERJ | Historicizing The Concept Of Tribe With Reference To Koragas | International | 2017 | Vol. 3, 41 |
| Smt. Vijaya Kumari K | Review Of Social Sciences | Perspectives On The Alarming Marginalization And Degeneration Of The Koragas | National | 2017 | Vol. No.XVIII, Issue No. 1 |
| Smt. Vijaya Kumari K | Shanlax International Journal Of Arts, Science And Humanities | Social Exclusion And Discrimination Of Koraga Tribes Of Kerala | International | 2017 | Vol.5, 140 |
| Dr. Kavitha N | New Man International Journal Of Multidisciplinary Studies . | Caste And Race In India : Myths And Realities | International | 2018 | Vol 5, Issue 3 |
| Dr. Kavitha N | Chronicle Of Humanities And Cultural Studies | Unfolding Female Writing In Urmila Pawar 'S Aayadan | International | 2018 | Vol. 4, Issues 2 |
| Vidya Nair | Isda Journal | Interrogating Civil Society On Educational Quality And The RTE | National | 2018 | Vol.28, No. 2, 227-243. |
| Vidya Nair | Social Science In Perspective | Right To Education: Theory And Practice | National | 2018 | Vol.10, No.2, 163-183. |

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|------------------------------|---|--|---------------|------|-----------------------|
| Ms. Sangeetha S. | International Research Journal Of Commerce | Government Initiatives (NORKA ROOTS) In Promoting International Migration In The Mirror | International | 2017 | Vol.7, No. 2 , 78-85. |
| Ms. Sangeetha S. | Southern Economist | International Migration And Return Migration: Challenges/Issues In The Process Of Re Integration | International | 2017 | Vol.56, 38-44. |
| Sr. Carvalho Faustina Cicila | International Research Journal Of Commerce, Management And Social Sciences, | E-Banking Products And Services And Its Implications Under Banking Ombudsman Scheme | International | 2018 | Vol.8 237-241 |
| Sr. Carvalho Faustina Cicila | Nisma | Customer Grievance Redressal Mechanism In The Banking Sector :Key Issues And Concerns | National | 2018 | Vol. X Page 24-29 |
| Dr. Divya S R | Aicpe Human Kinetics | Physicalfitness Variables For Speed, Back Strength And Cardio-Respiratory Endurance | National | 2017 | Vol.8, 11 |
| Dr. Lekharani.M. L. | Review Of Social Sciences | British Plantations In Travancore And Its Ecological Impact | National | 2017 | Vol18,39 -46 |

Conference proceedings (Provide details)

| Name of the faculty | Title of the paper | ISBN No |
|-----------------------|--|-------------------|
| Dr. Siji V.L | Optical Characterisation Of Tristhiourea Potassium Chloride Single Crystals | |
| Dr. Siji V.L | Synthesis And Characterisation Of Mixed Ligand Complexes Of Th (IV) With Schiff Base | |
| Dr. Siji V.L | Synthesis, Growth, Spectral, Magnetic And Antimicrobial Studies Of A Novel Cobalt (II) Complexes Of Acetone- N(4)Phenylsemicarbazone | |
| Dr. Dhanalekshmy T.G. | Ground Water Quality Assessment Of The Selected Sites In Thiruvananthapuram City | 978-93-65752-56-8 |
| Ms. Sangeetha S | Role of entrepreneurship for sustainable development, the case of tourism industry | 978-93-84734-52-7 |
| Ms. Sangeetha S | Redefining corporate social responsibility for the future India | 978-93-84734-53-4 |

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations:

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|---|---------------|---|------------------------|------------|
| Major project (PI: Dr. Smitha Asok V) | 2 | KSCSTE | ₹14,14,985 | ₹14,14,985 |
| Major project (PI: Dr. Smitha Asok V) | 3 | Space Applications Centre, ISRO | ₹20,22,000 | ₹8,00,000 |
| Minor Projects | | | | |
| Interdisciplinary Projects | | | | |
| Industry sponsored | 1 month | Observerhip programme at Department of Community Medicine, Govt. Medical College, TVPM from 1.05.2018 to 30.05.2018 | Nil | Nil |
| Projects sponsored by the University/ College | | | | |
| Students research projects (other than compulsory by the University) | 2018 | KSCSTE | ₹9,500 | ₹9,500 |
| Any other(Specify) | | | | |
| Total | | | ₹34,46,485 | ₹22,24,485 |

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

| Sl. No. | Name of author | Name of Book | ISBN No |
|---------|---|--|-------------------|
| 1 | Dr. Reshma J K | Home Gardens- Structural and Functional Dynamics | 978-81-930193-2-0 |
| 2 | Dr. Siji V L | Home Gardens- Structural and Functional Dynamics | 978-81-930193-2-0 |
| 3 | Dr. Cinthya Christopher Dinesan Cheruvat, Preetha Nilayangode & Oommen V. Oommen (Eds) | Main streaming Biodiversity for Sustainable Development. Kerala State Biodiversity Board (Pbl.) Chapter- 'Conservation and utilization of genetic resource of <i>Bacopa monnieri</i> occurring in Kerala – A call for action' | 978-81-934231-1-0 |

| | | | |
|---|----------------|--|-------------------|
| 4 | Dr. Sheeba S L | <i>Badtha Sampradayik Zahar aur Samakaleen Hindi Katha Sahithya In Sahithya Ki Samakallen Chunauthiyam</i> | 978-93-825548-4-4 |
|---|----------------|--|-------------------|

3.8 No. of University Departments receiving funds from

| | | | | | |
|---------|----|-----|----|------------------|----|
| UGC-SAP | NA | CAS | NA | DST-FIST | NA |
| DPE | NA | | | DBT Scheme/funds | NA |

| | | | | | | |
|------------------|----------|----|-----|----|---------------------|-------------|
| 3.9 For colleges | Autonomy | NA | CPE | NA | DBT Star Scheme | NA |
| | INSPIRE | NA | CE | NA | Any Other (specify) | 14,18,374/- |

3.10 Revenue generated through consultancy

Nil

3.11 No. of conferences organized by the Institution:

9

1. The department of Environmental Sciences organized an International Special Lecture on 'Theoretical and Practical Introduction to SAR Remote Sensing' by Dr. Vishnu Nandan, Post Doctoral Researcher at the Cryosphere Climate Research Group, University of Calgary, Canada, on 18th December, 2017.
2. The department of Environmental Sciences organized One Day National Workshop on 'Popularization of Remote Sensing based maps and Spatial Information' was organized jointly by the Department and Indian Society of Remote Sensing, Trivandrum Chapter, in association with the observance of National Remote Sensing Day on 11th August, 2011. The Programme was funded jointly by Indian Space Research Organization and Indian Society of Remote Sensing
3. The department of Environmental Sciences organized one day regional seminar and intercollegiate poster making competition in connection with World Water Day was jointly organised by the department and Bhoomithra Sena Club of the department on 23.03.2018.
4. The department of Physics organized KSCSTE sponsored National Seminar on "Advances in Functional Materials AFM 2017" on 19-20, September, 2017
5. The department of Zoology organized an International conference on Climate Change and Global Sustainability ICCCGS 2017 sponsored by Directorate of Environment and climate change on 18-19 Dec 2017

6. The department of Zoology organized an Symposium on Ozone Layer Earths sunscreen sponsored by Kerala State Council for Science and Technology on 25 Sept 2017.
7. National Training Programme on ornamental Fish Culture and Aquarium Management jointly organised by Amity Thiruvananthapuram Centre for Marine Science and technology, Amity Uttar Pradesh University and Department of Zoology, All Saints College, Thiruvananthapuram on 18-24 July 2017.
8. “The World at your Doorstep” - Lecture Series organised by the department of English on 10 January, 2018
9. Association Lecture Series – by all departments in connection with the inauguration of the association activities

3.12 No. of faculty served as experts, chairpersons or resource persons:

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| 12 |
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1. Dr. Cinthya Christopher served as Panel Member of Botany subject expert for Kerala Public Service Commission Botany question paper Scrutiny on 25.9.2017
2. Dr. Cinthya Christopher has served as a resource person for Civil service aspirants conducted by Civil Service Foundation Course on 17-09-2017.
3. Dr. Cinthya Christopher has served as a resource person for Civil service aspirants conducted by Civil Service Foundation Course on 19-11-2017.
4. Dr. Cinthya Christopher served as Resource Person in Seminar on Career Guidance at MGHSS, Kaniyapuram on 9th December 2017
5. Dr Siny G Benjamin chaired and served as Resource Person in National Seminar on Bioinformatics- Deciphering DNA at SN College Varkala on 7th March 2018
6. Dr. Reshma J K was invited as judge for the science fair at Lecole Chempaka School, Edavacode on 13.01.2018.
7. Dr. Reshma J. K., delivered an invited lecture on 'Portfolio Development' during the "Learning to Learn" induction program conducted on 20th November 2017 at Department of Computational Biology and Bioinformatics, University of Kerala.
8. Dr. Reshma J K., delivered an invited lecture on "Portfolio Development" for Walk with a Scholar programme at Govt. Women's College on 23.03.2018
9. Dr. Reshma J. K was in charge of Student Observorship Programme organised at Dept of Community Medicine, Medical College from 07.05.2018 to 06.06.2018.
10. Dr. Ayona Jayadev is selected as an Accredited trainer of IMG- the apex training institute of the Government of Kerala from 5-7th October 2017.
11. Dr. Ayona Jayadev was invited as judge for the science fair at Lecole Chempaka School, Edavacode on 13.01.2018.
12. Dr. Smitha Asok V delivered a Key-note address entitled ‘Role of Geo-informatics in Biodiversity Conservation - A Western Ghats Perspective’ in the Second National Seminar on Geospatial Information Systems: Emerging Trends and Utilities organized by Inter University Centre for Geospatial Information Science and Technology, University of Kerala on 14th and 15th December, 2017

13. Dr. Smitha Asok V was appointed as Chair Person for the Board of Examiners for the fifth, third and first Semester B Sc Environmental Sciences and Environment and Water Resource Management Degree Examination, 2017-18.
14. Dr. Smitha Asok V initiated an International Mentorship support Collaboration with Dr. Vishnu Nandan of the Cryosphere Climate Research Group, University of Calgary, Canada, for the PhD Project entitled 'Above ground volume/biomass estimation and validation using airborne S and L band NISAR data and Radiative transfer modeling' funded by Indian Space Research Organisation, GoI.
15. Dr P S Anjana served as the Interview Board Member for the selection of students for Integrated MS Course in Institute for Intensive Research in Basic Sciences (IIRBS), MG University, Kerala
16. Dr P S Anjana is Visiting Faculty of Institute for Intensive Research in Basic Sciences (IIRBS), offering MS Programme and Integrated Ph. D. Programme, MG University, Kerala
17. Dr P S Anjana chaired a session in the National Seminar on Interdisciplinary Approaches in Materials and Biological Research (IAMBR- 2018) held at MG College, Trivandrum on 16-17, February, 2018
18. Dr. Beenakumari. K.S. served as resource person in Water Quality Training Programme conducted by CCDU for Health Inspectors, Junior Health Inspectors, other officials, ASHA workers and Kudumbasree members at Block Panchayat Hall, Chadayamangalam on 24-11-2017
19. Dr. Beenakumari. K.S. served as resource person in Training Programme on water, Sanitation and Related issues for Kottarakkara Block Panchayat conducted by CCDU for Health Inspectors, Junior Health Inspectors, ASHA workers and Panchayat Representatives at Kottarakkara Block Panchayat office on 17-02-18.
20. Dr. D. Sherly served as Resource Person in Training Programme AMITY University Centre, Peroorkkada (18-24 July 2017).
21. Ms. Sonya J Nair served as Resource Person in Seminar on Career Guidance at MGHSS, Kaniyapuram on 9th December 2017
22. Ms. Sangeetha S. served as Resource person in the One day regional Seminar on Contemporary issues of Cooperative Sector in India organized by Department Of Commerce, Sree Narayana College, Chempazhanchy, Thiruvananthapuram on 16-11-2017.
23. Dr Parvathy Menon chaired a session for the seminar "Varied cultural traditions: An Endeavour to Revisit the Forgotten Past" held at Government college, Attingal on December 13, 2017
24. Ms. Sangeetha S. presented a paper on "Sending International Remittance: Money Gram vs. Western Union" organized by NSS College, Changanacherry on 11th and 12th October, 2018.
25. Dr. Smita Asok served as an Academic Consultant for Kerala State Literacy Mission Authority.
26. Ms. Rajani V. served as an Academic Consultant for Kerala State Literacy Mission Authority.
27. Dr. Ayona Jayadev served as a Resource Person in Christian College, Kattakada in association with the World Wetland Day Seminar on 23-02-2018.

28. Dr. Ayona Jayadev served as an Academic Consultant for Kerala State Literacy Mission Authority.
29. Dr. Ayona Jayadev served as a Judge for Kerala State Biodiversity Board on 13-02-2018.
30. Dr. Ayona Jayadev served as an External Examiner for IITM-K on 09-08-2017.
31. Dr. Ayona Jayadev delivered a scientific talk in Christian College, Kattakada in a Seminar on Wetland Conservation on 09-02-2018.

3.13 No. of collaborations: International National Any other

1. Dr. Smitha Asok V initiated an International Mentorship support in Collaboration with Dr. Vishnu Nandan of the Cryosphere Climate Research Group, University of Calgary, Canada, for the PhD Project entitled 'Above ground volume/biomass estimation and validation using airborne S and L band NISAR data and Radiative transfer modeling' funded by Indian Space Research Organisation, GoI.
2. Dr. Reshma J K is Collaborating Investigator with International and Inter University Centre for Natural Resources Management (IIUCNRM), University of Kerala in 3 Projects entitled 'Rejuvenation of ponds to revive the water environment of the Parassala Block panchayath', Rejuvenation of ponds to revive the water environment of the Nedumandad Block panchayath, Rejuvenation of ponds to revive the water environment of the Athiyannoor Block panchayath (funded by Planning Board, Government of Kerala), till August 2017.
3. Dr. Smitha Asok V as Institutional Co-ordinator initiated a Collaborative Off-campus Outreach Programme with the Indian Institute of Remote Sensing, Dehradun for online training course on "Hyperspectral Remote Sensing and its Applications" during September 18-21 2017.
4. Dr. Smitha Asok V is Collaborating Investigator with International and Inter University Centre for Natural Resources Management (IIUCNRM), University of Kerala in the Project entitled 'Landscape ecology and Biosphere Characterization of Western Ghats-A GIS based Decision Support System for biodiversity management' (funded by Planning Board, Government of Kerala)
5. Dr. Smitha Asok V as Institutional Co-ordinator, successfully co-ordinated Online Training Course as part of the Off - Campus Outreach Certificate Programme conducted by the Indian Institute of Remote Sensing, Indian Space Research Organization, during the academic year 2017-18.
6. Bhoomitrasena Club set up in collaboration with the Department of Environment & Climate Change, Govt. of Kerala
7. Biodiversity Club set up in collaboration with the Kerala State Biodiversity Board

3.14 No. of linkages created during this year:

- ED club is registered under District Industries Centres
- Internship programme with Dept. Of Community Medicine, Govt. Medical College, Trivandrum
- Research guides- MG College; NSS College, Pandalam; SD college, Alappuzha; NSS College Neeramankara; Mar Ivanios College, Trivandrum; JNTBGRI, Palode
- Executive member of ATWC- Dr. Lekha Rani

3.15 Total budget for research for current year in lakhs:

| | | | |
|---------------------|-------|---------------------------------------|-----|
| From Funding agency | 22.24 | From Management of University/College | 1.4 |
| Total | 23.64 | | |

3.16 No. of patents received this year -Nil

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | |
| | Granted | |
| International | Applied | |
| | Granted | |
| Commercialised | Applied | |
| | Granted | |

3.17 No. of research awards/ recognitions received by faculty and research fellows of the Institute in the year:

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 1 | | | 1 | | | |

- Dr. Reshma J K, secured "Best Poster Award" in the Curriculum Fair 2018, organised jointly by the Curriculum Development Centre, Department of Education and Internal Quality Assurance Cell of University of Kerala and FLAIR, Govt. of Kerala at Student Amenity Centre, Senate House Campus, Palayam from 16th March to 22nd March, 2018.

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

9

15

| | | |
|------------------------|---|-----|
| 1. Dr. Nisha K K | - | Nil |
| 2. Dr. Sr. Shaina T J | - | Nil |
| 3. Dr. Siji V L | - | 1 |
| 4. Dr. Beenakumari K S | - | Nil |
| 5. Dr Reshmi R Prasad | - | 4 |
| 6. Dr. Kavitha N | - | 4 |
| 7. Dr. Smitha Asok | - | Nil |
| 8. Dr. Deepa M | - | 1 |
| 9. Dr. Anjana P S | - | 5 |

| Sl. No. | Name of the Research Guide | Name of the Student | Registration order no. | Total no. of students |
|---------|----------------------------|---------------------|--|-----------------------|
| 1 | Dr. Kavitha N. | Famina A | Ac. E.1. B/ 714/ ENG/ 38296/ 2014 dtd 12/03/15 | 4 |
| 2 | Dr. Kavitha N. | Harisree H G | Ac. E. VI/ 115/ ENG/ 12805/2015 dtd 12/05/15 | |
| 3 | Dr. Kavitha N. | Retna Kumary P D | Ac. E. VI/ 716/ ENG/ 14887/2017 dtd 26/ 10/17 | |

| | | | | |
|----|---------------------|-------------------|--|---|
| 4 | Dr. Kavitha N. | Anu R Kumar | Ac. E.1. B3/ 36471/ 12 dtd 20/04/13 | |
| 5 | Dr. Deepa M | Dhanya Chandran | | 1 |
| 6 | Dr. Anjana P.S. | Rejisha S. R. | 8/4/2013 | 5 |
| 7 | Dr. Anjana P.S. | Salini Gopal | 23/7/2014 | |
| 8 | Dr. Anjana P.S. | Girija Nair | 6/8/2014 | |
| 9 | Dr. Anjana P.S. | Devika Nath R. | 25/6/2015 | |
| 10 | Dr. Anjana P.S. | Revupriya M R | 3/3/2017 | |
| 11 | Dr. Reshmi R Prasad | Sheeba M Lekshman | 19.02.2018 | 4 |
| 12 | Dr. Reshmi R Prasad | Rakhi G.R | 16.03.2018 | |
| 13 | Dr. Reshmi R Prasad | Athena Prince | 04.04.2018 | |
| 14 | Dr. Reshmi R Prasad | Gayathry Devi S | 01.08.2018 | |
| 15 | Dr. Siji V L | Jisha M R | Ac. E. VI/ (2)/ 118/CHE/ 16822/2018 dtd 27/06/2018 | 1 |

3.19 No. of Ph.D. awarded by faculty from the Institution

1

| Name of the Student | Name of the Guide | Submitted/ Awarded |
|---------------------|-------------------|--------------------|
| Ms. Dhanya Chandran | Dr. Deepa M | Submitted |

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

5

SRF

Nil

Project Fellows

2

Any other

Nil

JRF

1. Anusha A.J (UGC- English Literature)
2. Harisree H. G (UGC- English Literature)
3. Revupriya M R (University JRF- Physics)
4. Salini Gopal (University JRF- Physics)
5. Rejisha S. R. (Project JRF)

Project Fellows –

1. Ms. Roja V (SAC, ISRO funded Major research project)
2. Ms. Faseela V. S. (KSCSTE funded major research Project)

3.21 No. of students Participated in NSS events:

| | | | |
|------------------|----|---------------------|-----|
| University level | 98 | State level | 25 |
| National level | 2 | International level | Nil |

List of NSS Volunteers Who Took Part in Activities:

| Sl. No. | Name | Level |
|---------|-------------------|------------|
| 1 | ANCY VARGHESE | University |
| 2 | DAYANA J | University |
| 3 | ROSHNI LOPEZ | University |
| 4 | MARIYALIYA | University |
| 5 | SAFANA R | University |
| 6 | DEEPIKA BA | University |
| 7 | ANJU B S | University |
| 8 | MAIDHILI ASOK | University |
| 9 | SARANYA A L | University |
| 10 | DEEPTHI C | University |
| 11 | FATHIMA HASSAN A | University |
| 12 | PARVATHY PREM | University |
| 13 | SHREYA S | University |
| 14 | GAJALEKSHMI S | University |
| 15 | MONISHA MOHANAN U | University |
| 16 | POOJA MURALI B | University |
| 17 | SHAJINI KUMAR S | University |
| 18 | JINI FOUSTIN | University |
| 19 | JERLIN KENNEDY | University |
| 20 | FIYONA FRACIS | University |
| 21 | MARIYAM R | University |
| 22 | ARATHI NAIR R | University |
| 23 | ASWATHY J | University |
| 24 | AKHILA M G | University |
| 25 | SHILUMOL P S | University |
| 26 | ANN VARGHESE S | University |
| 27 | ANCY S | University |
| 28 | GOPIKA SUNIL B | University |
| 29 | NEENA RAJ | University |
| 30 | NADIRA | University |
| 31 | ARCHANA | University |
| 32 | DEEPTHI | University |
| 33 | RENU R J | University |
| 34 | FREDLIN CRUZE D' | University |
| 35 | ARSHA GIREESH | University |

| | | |
|----|----------------------|------------|
| 36 | PARVATHY NAIR L | University |
| 37 | ATHIRA A S | University |
| 38 | ANJITHA S B | University |
| 39 | GREESHMA ASOK | University |
| 40 | ANJU A S | University |
| 41 | SHALU S | University |
| 42 | ANJALI S L | University |
| 43 | ATHIRA G V | University |
| 44 | AKSHITHA R V | University |
| 45 | ANNA MARIA MATHEW | University |
| 46 | HILARY BRITTO | University |
| 47 | ARATHY A | University |
| 48 | KEERTHY GOURIKA A | University |
| 49 | RESHMA S | University |
| 50 | SRUTHY V R | University |
| 51 | ANSA S K | University |
| 52 | SAJNA J | University |
| 53 | SWARFANA BEEGUM S | University |
| 54 | VIJITHA V | University |
| 55 | ANN MARY JAISON | University |
| 56 | ANEETA ANN RAJAN | University |
| 57 | SUFY S FREDY | University |
| 58 | TINEESHA | University |
| 59 | DIVYA SREE C U | University |

| | | |
|----|---------------------------|------------|
| 60 | AASHNA S P LAL | University |
| 61 | MALAVIKA P | University |
| 62 | GEETHU CHANDRAN C G | University |
| 63 | ANEESHA PETER | University |
| 64 | LEKSHMI H | University |
| 65 | RAVEENA R T | University |
| 66 | REVATHY CHANDRAN | University |
| 67 | REMYA S | University |
| 68 | SNEHA R | University |
| 69 | ANJALI KRISHNAN S | University |
| 70 | THASNEEM A | University |
| 71 | JIBY JOY | University |
| 72 | SHARLIN S | University |
| 73 | SOFIA JERRY | University |
| 74 | ANDRINA DAVID | University |
| 75 | DHILANA NEWTON | University |
| 76 | PRIYA SUNNY | University |
| 77 | APSARA A V | University |
| 78 | VIDHYA L GOPAN | University |
| 79 | ANJALI SAM | University |
| 80 | KEERTHY GOURIKA A | University |
| 81 | RESHMA S | University |

| | | |
|----|--------------------------|-------------|
| 82 | ANAKHA A S | University |
| 83 | ANJU A S | University |
| 84 | ANNA MARIYA MATHEW | University |
| 85 | ANSA S K | University |
| 86 | ARATHY A | University |
| 87 | SUDHI S BABU | University |
| 88 | VINAYA S T | University |
| 89 | ANISHA MOL S A | University |
| 90 | ATHIRA MS | University |
| 91 | SENJU MS | University |
| 92 | ATHIRA G V | University |
| 93 | DEVIKA R | University |
| 94 | KEERTHI K S | University |
| 95 | RESHMA R A | University |
| 96 | SHALU S | University |
| 97 | SRUTHY V R | University |
| 98 | VIJITHA V | University |
| 1 | DIVYA SREE CU | State level |
| 2 | PRIYA SUNNY | State level |
| 3 | DHILANA NEWTON | State level |
| 4 | JIBY JOY | State level |
| 5 | REMYA S | State level |

| | | |
|----|----------------------|-------------|
| 6 | ANDRINA DAVID | State level |
| 7 | ANJALI KRISHNAN S | State level |
| 8 | SHARLIN S | State level |
| 9 | SNEHA R | State level |
| 10 | SOFIA JERRY | State level |
| 11 | THASNEEM A | State level |
| 12 | DEEPTHI C | State level |
| 13 | FATHIMA HASSAN A | State level |
| 14 | MAIDHILI ASOK | State level |
| 15 | MONISHA U MOHANAN | State level |
| 16 | PARVATHY PREM | State level |
| 17 | ANJU A S | State level |
| 18 | DEEPIKA B A | State level |
| 19 | GAJALEKSHMI S | State level |
| 20 | POOJA B MURALI | State level |
| 21 | SARANYA A L | State level |
| 22 | ATHIRA S R | State level |
| 23 | SREEJA J | State level |
| 24 | LEKHA S | State level |
| 25 | SHALINI | State level |

| | | |
|---|-------------|----------|
| | SASIDHARAN | |
| 1 | PRIYA SUNNY | NATIONAL |

| | | |
|---|-------------------|----------|
| 2 | DIVYA SREE C U | NATIONAL |
|---|-------------------|----------|

National

1. Ms. Divya Sree CU, NSS Volunteer and Student of B.A English Literature, All Saints' College, Thiruvananthapuram has successfully participated in the South Zone NSS Pre Republic Day Parade Camp 2017 held at Sree Sabhareesa College, Murukkumayal, Kottayam from 1st to 1^{0th} November 2017.
2. Ms. Priya Sunny, NSS Volunteer and Student of B.A Economics, All Saints' College, Thiruvananthapuram has participated in the National Integration Camp held at Jnana Ganga Campus, Gulbarga University, Kalaburagi, Karnataka during 13-19th March 2018

3.22 No. of students participated in NCC events:

| | | | |
|------------------|-----|---------------------|-----|
| University level | Nil | State level | 5 |
| National level | 1 | International level | Nil |

3.23 No. of Awards won in NSS:

| | | | |
|------------------|-----|---------------------|-----|
| University level | 7 | State level | 3 |
| National level | Nil | International level | Nil |

1. All Saints' College, Thiruvananthapuram has received the Certificate of Appreciation as Best NSS Unit in recognition of the exemplary services rendered to National Service Scheme during the year 2016-17 from the University of Kerala.
2. Smt. Vijaya Kumari.K, Asst. Professor, Dept of History, All Saints' College, Thiruvananthapuram has received the Certificate of Appreciation as Best Programme Officer in recognition of the exemplary services rendered to National Service Scheme during the year 2016-17 from the University of Kerala.
3. Ms. Kripa M.S, NSS Volunteer and Student of B.A Communicative English has received Certificate of Appreciation from the University of Kerala in recognition of her social services and promoting the spirit of volunteerism as Best NSS Volunteer for the year 2016-17
4. All Saints' College, Thiruvananthapuram has received the Certificate of Appreciation in recognition of the exemplary services to the cause of society and was instrumental in getting the Second Prize to All Saints' College, Thiruvananthapuram, among the NSS Units of the University of Kerala in the National Youth Leadership Programme(NYLP) Awards 2015-16 with a cash prize of Rs.30,000/-We utilized the cash award for the construction of house for the poor family. NSS units of our College have received NYLP-National Youth Leadership Programme Award for the successful implementation of SHRAMADAN Programme. We received Rs. 30,000/- cash prize from the University of

Kerala. We fully utilized the amount for the Construction work of House for the poor family

5. Smt. Vijaya Kumari.K, Asst. Professor, Dept of History, All Saints' College, Thiruvananthapuram has received the Certificate of Appreciation in recognition of the exemplary services to the cause of society and was instrumental in getting the Second Prize to All Saints' College, Thiruvananthapuram, among the NSS Units of the University of Kerala in the National Youth Leadership Programme(NYLP) Awards 2015-16
6. Ms. Divya Sree CU, NSS Volunteer and Student of B.A English Literature, All Saints' College, Thiruvananthapuram has received the Certificate of Appreciation in recognition of the exemplary services to the cause of society and was instrumental in getting the Second Prize to All Saints' College, Thiruvananthapuram, among the NSS Units of the University of Kerala in the National Youth Leadership Programme (NYLP) Awards 2015-16.
7. Ms. Priya Sunny, NSS Volunteer and Student of B.A Economics, All Saints' College, Thiruvananthapuram has received the Certificate of Appreciation in recognition of the exemplary services to the cause of society and was instrumental in getting the Second Prize to All Saints' College, Thiruvananthapuram, among the NSS Units of the University of Kerala in the National Youth Leadership Programme (NYLP) Awards 2015-16.
8. Blood donation- In collaboration with Sree Chithra Institute of Medical Science and Technology, we organize voluntary blood donation camps thrice in every academic year. Certificate of Recognition for Highest Voluntary Blood Donation Camps by SCIMST.
9. Kerala State Award for highest female blood donation. Award received from Health Minister K.K Shylaja teacher.
10. Award for All Saints' College, Thiruvananthapuram from Honorable Governor for highest female blood donation.

3.24 No. of Awards won in NCC:

| | | | |
|------------------|-----|---------------------|-----|
| University level | Nil | State level | Nil |
| National level | 1 | International level | Nil |

3.25 No. of Extension activities organized:

| | | | |
|------------------|-----|---------------|-----|
| University forum | Nil | College forum | 10 |
| NCC | | NSS | 132 |
| | | Any other | Nil |

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

- Cancer Awareness Programme in association with IMA and Cancer awareness Regional Cancer Centre
- Mega Medical Camp in association with Indian Institute of Diabetics
- Survey to Detect Oral Cancer Patients

- RRC Programme in association with Kerala State AIDS Control Society
- Personality development program in association with Kerala State Youth Welfare Board
- Tree Plantation in association with Kerala Forest Department
- NSS Flagship Programme, 'Anti Liquor Campaign' in association with Kerala State Excise Department, Thiruvananthapuram
- AIDS Awareness Programme-Kerala State AIDS Control Society
- Blood Donation camps in association with Sree Chitra Institute of Medical Sciences and Technology- Our college has got award for the highest blood donation.
- Medical Camp and Health Awareness Programmes in association with Department of Health and Family welfare and National Rural Health Mission(NRHM)Govt. of India
- Swatch Bharat Activities and Cleaning Programmes - Cleaning work conducted regularly in the Campus and in the adopted village Karikkakom and Karikkakom School; Cleaning drive at Veli Tourist Village in association with District Tourism Promotion Council; Vettucaud area under the leadership of Management and Principal of the College; Cleaning drive at Kochuveli railway station, trains and railway station premises; Beach Cleaning at Shanghumugham; Tourist Village Cleaning –Akkulam and Veli;
- Digital economy Campaign for Cashless economy- Awareness to community and e-literacy campaign by Volunteers; participated in Digital India workshop and participated in various competitions
- Repair work of House of Old people; Construction of Toilet and repairing of house for Deaf and dumb Widow; Construction of House by fully utilizing NYLP cash prize for a poor family.
- Food Distribution- The volunteers have donated pothichoru to an oldage home and needy and homeless people who are staying near the verandah of shop and Vettucaud church premises twice in a week
- Book Donation- Collected books donated to Library in adopted village.
- Voice Donation to the Blind- The NSS volunteers of our college have started donating their voice to the voice bank. That is donating voice to the blind people by reading materials like newspaper, magazines, books etc is a great service to the poor blind students.
- NSS Volunteers participated in AIDS Day Rallies, Peace rally, and also participated in Yoga day and Olympic day celebration.

- NSS Volunteers actively involved in Immunisation programmes. They volunteered at Railway station, Anganwadis and assigned places. On April 10 2017, Volunteers were involved in the Health Awareness campaign against communicable diseases. They were able to work in the neighbourhood village.
- During the period April 20-23 Volunteers visited less privileged people including the orphans, mentally challenged. On April 20th volunteers distributed gifts.
- Volunteers visited their neighbourhood and helped the less privileged people to understand their problems and to campaign about various programmes of the State and Central governments.
- In association with NSS day celebrations, on Socio economic survey was conducted on September 25-26- NSS Volunteers gave awareness to the residents in the survey area in Vettucaud and Veli in our adopted village about the proper disposal of waste management.
- Blind Walk as an awareness campaign about the importance of eye donation- Blind walk from Museum to Palayam- 200 NSS Volunteers participated
- 'Go Green' programme was conducted at All Saints college and Shramadan report submitted.
- The Science club members participated in the Seminar Series organized by Dept. of Chemistry, Mahatma Gandhi College, Thiruvananthapuram in Association with Academy of Chemistry Teachers, in honour of Dr. M R Sudarsanakumar, Principal, Mahatma Gandhi College on the occasion of the retirement.
- As a part of extension activity students of Health, nutrition and physical fitness club participated in the "BLIND WALK" organized by the project vision on World Sight day.
- A program to commemorate International Women's Day and World Kidney Day was jointly organized by the Human Rights Forum & Women's Studies Cell in association with KIMS Hospital & CLUB FM on March 8, 2018.
- The Bhoomithra Sena Club observed the World Wetland Day – 2018 in the college by organizing a poster designing competition and poster exhibition on the theme of the year to give the students an insight for the need of sustainable maintenance of urban wetlands.
- A Poster Exhibition on Indian women freedom fighters was conducted on 8th August in connection with the 75th anniversary of Quit India Movement.

- Thanal: The social initiative undertaken by the students of the Department of Economics through mobilizing voluntary donations and funds from the students and faculty helps to address the financial difficulties of poor students to a greater extent by providing them with adequate provision of study materials, note books, mid day meals etc.
- Literature book Bhoodem created by the writings of students of French

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|---|---|---------------|----------------|----------|
| Campus area | 36 acres | Nil | | 36 acres |
| Class rooms | 42 | 1 | | 43 |
| Laboratories | 9 | Nil | Management | 9 |
| Seminar Halls | 3 | 1 | | 4 |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | Nil | Nil | | Nil |
| Value of the equipment purchased during the year (Rs. in Lakhs) | | Nil | | Nil |
| Others | <ul style="list-style-type: none"> • Auditorium • Sports facilities • Gymnasium • Examination hall • ICT enabled class rooms • Generator • Seminar Halls • Solar Panels | | | |

4.2 Computerization of administration and library:

- Access to e-journals
- Computer training for staff.
- Maintaining soft-copiers of official documents as opposed to paper copies
- Updating library software – Libsoft
- Intimations and alerts through SMS
- Fully automated admission process
- Computerized attendance system
- Partially automated Office management
- Partially automated financial accounting
- Partially automated college library
- OPAC catalogue system
- Literature database

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------|----------|--------|-------------|----------|-------|--------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 51800 | | 800 | 1,20,000 | 52600 | 302271 |
| Reference Books | 600 | 121500 | 73 | 84922 | 673 | 206422 |
| e-Books | 520 | | | | | |
| Journals | 27 | 81000 | 2 | 6000 | 29 | 87000 |
| e-Journals | | | | | | |
| Digital Database | 1 | 30000 | | | 1 | 30000 |
| CD & Video | 320 | 5050 | 2 | 220 | 322 | 5372 |
| Others (specify) | | | | | | |
| Newspapers | 7 | 3900 | Nil | | 7 | 3900 |
| Projects | 1634 | - | 66 | | 1700 | - |

4.4 Technology up gradation (overall)

| | Total Computers | Language Lab | Internet | Browsing Centre | Computer Lab | Office | Departments | Others |
|----------|-----------------|--------------|----------|-----------------|--------------|--------|-------------|--------|
| Existing | 209 | 37 | 101 | 13 | 25 | 9 | 12 | 12 |
| Added | 5 | - | - | - | - | 2 | - | 3 |
| Total | 214 | 37 | 101 | 13 | 25 | 11 | 12 | 15 |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Student Admission and Support through institution management system,
- e-governance in Finance and Accounts ,
- Online Examination procedures
- Intimations through SMS alerts
- ICT enabled Teaching
- Wifi access
- COPA Training Institute
- DTP Centre and Reprographic Centre (English and Malayalam)
- IT training workshops and courses for students and teachers

4.6 Amount spent on maintenance in lakhs :

| | |
|--|-------------|
| i) ICT | 2.7 |
| ii) Campus Infrastructure and facilities | 24.5 |
| iii) Equipments | 34.8 |
| iv) Others | 16.1 |
| Total: | 78.1 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services:

- The IQAC has been actively working to enable students to gain access to the best resources to enhance their on campus experience.
- The Cell closely monitors the various academic programmes and ensures that the academic calendar is adhered to. For this purpose, the Cell works with the designated coordinator of the Choice Based Credit and Semester System (CBCSS). The Cell organizes talks for the first semester students to make them aware of the challenges of the educational system.
- The Cell carries out surveys to find out if the students have their needs adequately addressed in the college. It ensures the presence of a counselor for the students and organizes motivational talks for them.
- The IQAC supports academic ventures such as Seminars and Conferences by placing the proposals before an assurance committee and suggesting the ways in which the conferences can be augmented. The Cell monitors the departments and suggests the possible agencies that can be collaborated with for such ventures.
- The IQAC advises the Career Guidance Cell on the various agencies that can be approached for organizing on campus recruitment drives. It co-ordinates with the agencies to ensure students are made aware of the various opportunities available for recruitment and for higher educational courses.

5.2 Efforts made by the institution for tracking the progression :

- PTA meetings
- Internal Assessment
- Remedial classes
- 'Each one Teach one'
- Mock competitive exams
- The institution has a robust Alumni association that interacts with the stakeholders of the college. The association meets twice a year and discusses the ways it can integrate its activities with those of the college. The college is active on social media and interacts with the former students and informs them of the various activities of the college. The departments also maintain records of the students and class teachers keep in touch with them. Many departments such as departments of Botany have Whatsapp groups for the alumni of their respective departments.

5.3 (a) Total Number of students

| |
|------|
| 1953 |
|------|

(b) No. of students outside the state

| |
|-----|
| Nil |
|-----|

(c) No. of international students

| |
|-----|
| Nil |
|-----|

Men

| No | % |
|-----|---|
| Nil | |

Women

| No | % |
|------|-----|
| 1953 | 100 |

| | Last Year (2017-2018) | | | | | | This Year (2018-2019) | | | | | |
|--------------------------|-----------------------|----|----|-----|-----------------------|-------|-----------------------|----|----|-----|-----------------------|-------|
| | General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| BA Communicative English | 89 | 18 | 0 | 47 | 0 | 118 | 84 | 14 | 0 | 25 | 0 | 123 |
| BA Economics | 86 | 43 | 0 | 98 | 1 | 234 | 107 | 42 | 1 | 73 | 0 | 232 |
| BA English | 151 | 23 | 0 | 35 | 1 | 209 | 156 | 19 | 0 | 36 | 2 | 211 |
| BA History | 81 | 43 | 0 | 101 | 2 | 227 | 68 | 50 | 1 | 105 | 1 | 225 |
| B Com | 161 | 59 | 7 | 112 | | 339 | 194 | 73 | 1 | 121 | 1 | 390 |
| BSc Botany | 30 | 16 | 0 | 106 | 0 | 152 | 27 | 31 | 1 | 93 | 0 | 152 |
| BSc Chemistry | 67 | 23 | 0 | 63 | 0 | 153 | 91 | 27 | 0 | 37 | 0 | 155 |
| BSc Maths | 66 | 15 | 0 | 57 | 0 | 138 | 87 | 23 | 2 | 38 | 0 | 150 |
| BSc Physics | 26 | 13 | | 34 | 0 | 73 | 34 | 13 | 0 | 30 | 0 | 77 |
| BSc Zoology | 42 | 22 | 0 | 78 | 0 | 142 | 42 | 22 | 0 | 78 | 0 | 142 |
| M A English | 26 | 4 | 0 | 11 | 0 | 41 | 29 | 5 | 0 | 9 | 0 | 43 |
| M Com | 7 | 8 | 0 | 22 | 0 | 37 | 8 | 7 | 0 | 25 | 0 | 40 |
| M Sc Env't Sciences | 2 | 2 | 1 | 8 | 0 | 13 | 2 | 2 | 2 | 7 | 0 | 13 |

Demand ratio-

Not Applicable

Dropout % -

3%

* As admissions to the various programmes are conducted by the University through the single window system, it is not possible to ascertain the demand ratio.

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Coaching classes for NET/JRF – MSc. Environmental Sciences

No. of students beneficiaries - 26

5.5 No. of students qualified in these examinations

NET - 6

SET/SLET Nil

GATE Nil

CAT Nil

IAS/IPS etc Nil

State PSC Nil

UPSC Nil

Others Nil

| | | |
|---------------------|---------------|----------|
| 1. Akhila S. | June 2018 | Commerce |
| 2. Diya Dominic | January 2018 | Commerce |
| 3. A J Sreejaya | November 2017 | English |
| 4. Rajalekshmi V R | November 2017 | English |
| 5. Nikita Ann Jacob | November 2017 | English |
| 6. Surya Joy | November 2017 | English |

5.6 Details of student counselling and career guidance

No. of students benefitted

1785

- ‘Be Positive Institute for Skilling’, an organization instituted for the purpose of bridging the skill gap between the recruiters and the job seekers, conducted a talk on four verticals namely Aptitude, Communication, Information Technology and Interview Preparation and also arranged a one hour session on “How to prepare for competitive Examination” on 16th August 2017. 525 students participated.
- Transorze Information Processing Solutions Pvt. Ltd, an ISO Certified company in Healthcare BPO, conducted a seminar on 18th August 2017 to create awareness among life science graduates. 52 students participated.
- Prof. Anil P S, Associate Professor, Gnanam School of Business, Thanjavur, Tamil Nadu, delivered a talk on GST and had an interactive group discussion on 25th August 2017. 98 students participated.

- ENLIVEN IAS conducted a civil service awareness programme to history and zoology final years on 10th October 2017. 132 students participated.
- Institute of Technology and Management Group of Institutions Chennai conducted a workshop for commerce, economics and history students in various areas of management such as economics, finance, marketing, HR, entrepreneurship and Information Technology on 2nd November 2017. 258 students participated.
- Department of Fisheries, Govt. of Kerala is one of the most important productive and development sectors of the state. They conducted a one day programme “EDUFEST-2017” for opening the prospects in higher education for children of fishermen community on 24th November 2017. 96 students participated.
- Micro tech having years of experiences in educational services, has identified the role of education exhibition and its influence in students. They organized an exhibition and meet the masters at Al- Saj Convention Centre, Thiruvananthapuram on 18th January 2018. The students from our college got an opportunity to ask questions with eminent personalities to know career opportunities and choose a career of their own options. 25 students participated
- Hi Power Support Centre, Bangalore is a premium English language contact centre that has been providing business process outsourcing solution and services to high-tech global customers for over 14 years. They conducted Off Campus Recruitment Drive for the positions Sr E-SERVICE ASSOCIATE AND E-SERVICE ASSOCIATE on 17th February 2018. The number of candidates attended is 150.
- Cocentrix, a wholly owned subsidiary of SYNnex Corporation is a leading business services company. They conducted a Campus Recruitment Drive on 20th February 2018. The number of candidates attended is 125. They require customer service executives for their international domestic processes. 25 students are selected for this job from our college.
- Edwise International conducted a career guidance talk on “Overseas Education” on 26th February 2018. 354 students participated
 - GSR Software, BPO(P) Ltd conducted an awareness class on “Railway, Call Centers” and a Campus Recruitment for the position “ Railway Enquiry Department”. The number of students attended the recruitment drive were 50.
 - Alternative Learning Systems Ltd, IAS Training Institute is one of the India’s leading learning institution and their aim to develop as the final destination for all career

initiation programmes. ALS conducted a Kerala Kaumudi Scholarship Exam on 9th March 2018. Number of students attended is 150.

- CGP CAREER AVENUES organized a career talk and conducted a Scholarship Exam on 12th March 2018. The number of students participated for Scholarship Exam is 135. Topper of the Scholarship Exam from each department and also department may dominate one student to be trained free of cost.
- THE CHOPRAS, India's first & leading varied educational service provider headquartered in New Delhi. N & N Chopras Consultancy Pvt Ltd organized an interactive session on “Overseas Education-2018” with students on 15th March 2018. 305 students participated
- REACH Resource Enhancement Academy for Career Heights *An initiative of the Kerala State Women’s Development Corporation Ltd.* organized a talk and an interactive session with students on “Get Empowered in Just 50 Days” on 26th March 2018. 425 students participated.

5.7 Details of campus placement:

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 3 | 325 | 48 | 23 |

5.8 Details of gender sensitization programmes:

- The Equal Opportunity Club is instituted as per the requirements of the UGC in order to provide an equitable environment to people of all statutes and orientations in all places and institutions. The inauguration of the Club was conducted on 25/08/2017, with a slew of cultural programmes by the Dhwayah Transgender Arts and Cultural Society. The transpersons performed classical and cinematic dances and also shashayed down the ramp for a fashion show. The money was handed over by the Principal, Dr. Caroline Beena Mendez at the inaugural event.
- Ms. Sonya J. Nair, Assistant professor, Department of English, All saints’ College, Trivandrum gave a talk to the students about gender sensitisation and on how to be more inclusive. The talk, held on 24/08/2017, was attended by the entire campus.
- On 8/02/2018, Ms. Deepa Rafeeqe, the co-founder of VLegal, a legal consultancy that provides solutions and imparts training for corporate on legal matters spoke on Prevention of Sexual Harrassment at Workplace of Women.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events:

State/ University level National level International level

No. of students participated in cultural events:

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events:

Sports: State/ University level National level International level

UNIVERSITY LEVEL

| Sl. No. | Name | Class | Events |
|---------|----------------|-----------------|-------------------|
| 1 | Merlin V Boban | DCIII Chemistry | Football |
| 2 | Merlin V Boban | DCIII Chemistry | Rugby |
| 3 | Praseetha P J | DCIII BCom | Netball |
| 4 | Aswathy M S | DCIII Com.Eng | Softball |
| 5 | Aswathy M S | DCIII Com.Eng | Football |
| 6 | Anila Raju | DCIII Maths | Football |
| 7 | Alphonsia.M | DCII Maths | Football |
| 8 | Alphonsia.M | DCII Maths | Softball |
| 9 | Sahithya.S.R | DCII Eng. Lit | Volleyball |
| 10 | Juliet J | DCII Zoology | Football |
| 11 | Juliet J | DCII Zoology | Rugby |
| 12 | Punya Santhosh | DCII Chemistry | Shuttle Badminton |
| 13 | Ancy Lazar | DCI Economics | Handball |
| 14 | Maya.M | DCI Zoology | Football |
| 15 | Roshmi D | DCII Com.Eng | Rugby |
| 16 | Jyothi Jhonson | DCII Economics | Rugby |
| 17 | Aleena B Nath | DCI Eng Lit. | Boxing (Third) |

NATIONAL LEVEL

| Sl. No. | Name | Class | Events |
|---------|----------------|-----------------|------------------|
| 1 | Shruthi.R.S | DCIII Chemistry | Rugby(Senior) |
| 2 | Merlin V Boban | DCIII Chemistry | Rugby(Senior) |
| 3 | Anila Raju | DCIII Maths | Rugby(Senior) |
| 4 | Jyothi Jhonson | DCI Economics | Rugby(Senior) |
| 5 | Afrin Frimuse | DCI History | Rugby(Senior) |
| 6 | Jancy Antony | DCIII Com.Eng | Rugby(Senior) |
| 7 | Praseetha P J | DCIII BCom | Netball (Senior) |
| 8 | Aswathy M S | DCIII Com.Eng | Netball(Senior) |

Cultural: State/ University level National level International level

Kerala University Youth Festival

- | | | |
|---------------------------------|---|-------------|
| 1. Mime (6 students) | - | Third Prize |
| 2. Margamkali (7 students) | - | Third Prize |
| 3. English Debate (2 students)- | | Third Prize |

State Level

4. Ms. Sivani C. Nair, First year Botany student bagged first prize for the painting competition organised by the Airport Authority of India during Vigilance Awareness week 2017
5. Nanda S S of DCII Zoology secured 3rd prize in the intercollegiate recitation Competition held at BNV College of Teacher Education, Thiruvallam, Tvm-27 for the Thiruvallam N. Achuthan Nair Memorial Eveddrrollong Trophy on September, 26, 2017.
6. Swetha Rachel George, SEM 5, secured 1st prize in the Theme show competition at the All India Management Fest, Luminance 2K17 by DC School of Management and Technology, Vagamon, Kerala on 13-14, October, 2017.
7. Salu P and Neethu Krishnan B of semester I secured second prize in Quiz competition organised by Vakkom Maulavi Foundation, World Water Day on 22rd march, 2018.
8. Sandra Satheesh of DCIII Physics won First prize for English essay competition as part of Vigilance awareness week celebrations conducted by the Dept. of Micro Industries, Govt. of India.
9. Sandra Satheesh of DCIII Physics won First prize for Bhagavad Gita chanting competition conducted by the Chinmaya Mission.
10. Sandra Satheesh of DCIII Physics won First prize in the Campus Literary quiz conducted by Mathrubhumi.
11. Sandra Satheesh of DCIII physics secured first prize for English elocution in Wildlife week celebrations conducted by Dept. of Museum & Zoo, Govt. of Kerala
12. Sandra Satheesh of DCIII physics secured first prize for Intercollegiate powerpoint presentation competition held at FMN College, Kollam on 9th February 2018
13. Akshaya N and Anju Krishnan of S5 Mathematics won the third prize in the Intercollegiate Mathematic quiz competition organized by the University College on 8th November 2017.

National Level

1. Shishira and team (10 students) has secured the first prize in the Choreo Dance competition at the Luminance 2K17 (All India Management Fest) held by DC School of Management and Technology, Vagamon on 13th and 14th October, 2017.
2. Apsara I.G., Final year B. Sc. Botany student presented a paper entitled 'In vitro culture of *Philonotis falcata* (Hook)Mitt, a moss species from Nilgiri Hills' in the National Seminar organized by Govt. Arts College, Trivandrum
3. Athira S. V. Final year B. Sc. Botany student presented a paper entitled 'Bioconversion of water hyacinth as a alternate substrate for mushroom (*Pleurotus eous*) cultivation in the National Seminar organized by Govt. Arts College, Trivandrum

5.10 Scholarships and Financial Support:

| | Number of students | Amount |
|--|--------------------|-----------|
| Financial support from institution | 121 | 60,000/- |
| Financial support from government | 2068 | 39,45,234 |
| Financial support from other sources | | |
| Number of students who received International/ National recognitions | | |

5.11 Student organised / initiatives:

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

1. Four Blood Donation camps were conducted in collaboration with Sri Chithra Hospital
2. Swatch Bharat Activities and Cleaning Programmes at Kochuveli railway station, Shanghumugham beach and premises, Karikkakom, Vettucaud and Veli area.
3. Green army volunteers involved in the successful implementation of Green Protocol during 'Attukal Pongala'
4. Repair work of House of an Old couple
5. Construction of Toilet and repairing of house for a Deaf and dumb Widow
6. Food Distribution- The volunteers have donated *pothichoru* to an oldage home and needy and homeless people who are staying at aakashaparavakal and near the verandah of shop, road side, near our adopted village and Vettucaud church premises. We used to distribute podhichoru, homely food every week. Sometimes volunteers bring homely food twice in a week
7. Voice Donation to the Blind- The NSS volunteers of our college have started donating their voice to the voice bank. That is donating voice to the blind people by reading materials like newspaper, magazines, books etc is a great service to the poor blind students.
8. During the OKHI floods that affected the coastal belt of Kerala, the students were engaged in a herculean task to collect disaster relief material to render help to the affected victims of the flood.

5.13 Major grievances of students (if any) redressed:

- Sports arena seating was constructed to provide extra sitting facility for students during leisure hours and sports events

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

Our vision is to reach out to young women in all sections of society in the spirit of our Foundress to effect intellectual growth, social transformation, women empowerment and in doing so, build up the individual, society and the nation.

MISSION

Our mission is to reach out to all God's children, especially girls, women and the marginalised and strive to produce intellectually competent, morally upright, socially committed and spiritually inspired persons, to act as leavens in society and create a new world order of love and brotherhood

6.2 Does the Institution has a management Information System:

Yes, the College has a central database that is accessible to the departments. The database contains details relevant to the day to day operations of the college such as student details, exam details and data with regard to evaluation of university examinations. The college has digitised the personal records of students and has made provisions to send mass SMSs to students and parents for conveying important information to them. The details of the Internal examinations and the final evaluation list has also been digitised so as to reduce use of paper.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development:

All departments formulate an action plan in order to execute the demands of the syllabus provided by the University. The College Council meets and examines the action plan of the departments and suggests changes. The college council makes recommendations to the departments for incorporating external materials.

6.3.2 Teaching and Learning:

The departments delineate the hours allotted into Lecture and Seminar hours. The departments make provisions to incorporate Audio-Visual aids into the syllabi. Special care is taken to make the curriculum experience a participatory one. There is constant focus on trying to incorporate ICT enabled instruction so as to help the students be on par with the educational experience at the best institutions. There is dedicated feedback collected from the students by including elements from the teaching design so as to evaluate the effectiveness of the methods. These paradigms have helped the institution achieve success in reducing the percentage of dropouts that may have been the results of mismatch in the standards of education received by the students in school and the demands of the syllabus in

the Higher education sector. In order to further reduce this percentage, the college holds bridge courses for the first semester students so as to help them overcome any lacunae in their educational experience from school. The college provides the basics of their respective subjects, with special attention on the fundamentals of English to help the students tide over the difference in curriculum standards. There is also an evaluation that each department conducts at the end of the one week long bridge course that helps assess not only the impact on the students but also the adjustments that may need to be made in the coming years.

6.3.3 Examination and Evaluation:

In order to reduce the consumption of paper and to create a digital database of the student records, the institution has sought to create and maintain online copies of all the marklists of the internal examinations. Moreover, the testing and evaluation pattern of the end semester evaluation mirror the University model, thus giving the students the complete experience of writing final exams. This helps them prepare better for the University exams. All university exams are conducted as per the norms of the University of Kerala and examination attendance of the students is also maintained online. There is an online database of the details of teachers who have been allotted for the evaluation of University Examinations and this greatly helps in fast tracking the evaluation process.

6.3.4 Research and Development:

The institution places intense focus on Research and Development as it is a research centre in two disciplines and also has a number of research guides on its rolls. The faculty is encouraged to take up research and almost all of the staff is in the process of enrolling or completing their research. Apart from this, the college encourages its staff and students to assess the possibilities of taking up research projects with external agencies. These efforts have resulted in the institution gaining prestigious projects. The collaborative efforts of the staff with reputed bodies such as Space Applications Centre, Dept. Of Space, Govt. Of India; KSCSTE have led to conferences and projects. All this has greatly boosted the research profile of the institution.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The Library has diversified into e- resources.
- It has maintained for reference, the P G dissertations and the doctoral thesis of the students and staffs respectively.
- There are new purchases made every year to supplement the strong shelf strength of the library.
- The library has digital resources, which are available to the students through networked systems.
- The number of smart class rooms has been expanded and currently 80 % of the classrooms avail this facility.

- The campus has received a face lift in terms of the ambience with more facilities for students
- to relax on campus. There are stone benches, concrete pavilions, and paved paths thus
- helping maintain a very comfortable experience for the students.
- There is a viewing gallery for students to watch sporting events that the college hosts.

6.3.6 Human Resource Management

- The IQAC monitors the academic progression of the teachers and ensures all mechanisms are in place for their professional progress.
- The cell recommends the various refresher and orientation courses to the teachers as per their due times
- The cell organizes talks on employee morale and other augmentation mechanisms for the staff. This helps them feel secure in their workplace.

6.3.7 Faculty and Staff recruitment

- No new recruitments took place as sanctions are awaited

6.3.8 Industry Interaction / Collaboration

Entrepreneurship Development Club started under the aegis of District Industries Centre, Department of Industries and Commerce, Government of Kerala and is registered with reg. No. EDC/TVM/43/17

6.3.9 Admission of Students:

Student admission is as per the Single Window System initiated by the University of Kerala. In order to avoid unfair practices students are given the option of selecting three colleges of their preference. Admission is done purely on the basis of merit and students are informed of their selection via the notification on the University website following which the students are requested to attend an interview at the selected institution and admitted into the course of their preference.

6.4 Welfare schemes for:

| | |
|--------------|--|
| Teaching | The Teachers' staff fund is utilized for the purpose of charity and in contributions for the retired Teachers. |
| Non teaching | Contributions are being made for the support staff at the significant events in their lives from the Teachers' Staff Fund, OSA, PTA and ASCATA. Lucky Dip competitions are conducted every year by the Non-Teaching Staff are supported in their endeavour by the Staff. |
| Students | Several scholarships such as the Mother. Mary Frances Scholarship , Scholarships by retired teachers, well- wishers and philanthropic Old students have been instituted by the college for the empowerment of the financially weak and deserving students. |

6.5 Total corpus fund generated

906178/-

6.6 Whether annual financial audit has been done - Yes ☒ No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|---------------------------------|----------|----------------------------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | No | Institution | Yes | Principal & IQAC |
| Administrative | Yes | AG's Office & DD Office, Kollam | Yes | Principal & Planning Board |

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes ☐ No ☐

For PG Programmes Yes ☐ No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

6.11 Activities and support from the Alumni Association:

- ASCAA (All Saints College Alumni Association) has instituted scholarships for economically challenged students.
- Instituted three new scholarships for students who are academically proficient but economically low, to provided during their entire period of study
- Falicitated three eminent alumni for their outstanding achievements (writer, social worker and sports)
- Students who excel in academics and sports are felicitated and provided with cash prizes, gifts and mementos.

6.12 Activities and support from the Parent – Teacher Association:

- Handball goalpost for physical education department
- Maintenance of medicinal garden
- Sponsored the intercollegiate mathematics quiz competition

- Two new ICT enabled class rooms
- Financial aid for two students to participate in the All India Inter university softball tournament at Pattiala
- Organized a talk on 'Drug abuse'
- Felicitations for retiring teaching and non-teaching staff
- Annual maintenance of cost for railway gate in front of the college
- PTA provides monthly payment of salary for guest lecturers, security, gardener and computer operators
- PTA shared the cost of the institution electricity bills
- Met the printing charges of internal exam question papers
- Maintenance charges of computers paid
- Felicited students for their outstanding performance in academics and cultural activities

6.13 Development programmes for support staff

- Two of the administrative staff attended quality enhancement initiatives held by the Directorate of Collegiate Education and the Kerala State Higher Education Council

6.14 Initiatives taken by the institution to make the campus eco-friendly:

- Promoting a greener and cleaner campus has been the top priority thereby maintaining a Medicinal garden, Nakshatra garden, Shantistal, Eden garden, Ornamental plant Garden, Green house and polyhouse – that helps in biodiversity conservation
- Solar panels are installed as alternate source of conserving green energy
- Rain Water harvesting system helps in the use of rain water
- 3 Biogas plants are installed on campus for waste management
- Energy conservation initiatives:
 - World Environment Day celebrations with plantation of saplings
 - Observance of Significant days related to Environment by conducting talks, competitions and rallies to promote awareness among students
 - Use of LED lights wherever possible
 - Switching off lights and fans when not in use
- Students are instructed to bring food only in lunch boxes.
- Use of Plastic plates and glasses are banned inside the campus
- Steel plates and steel glasses alone are used in the College Canteen
- Use of flex is banned on campus
- Annually green audit is conducted to document the flora and fauna and to add number to the existing plants

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Creation of formal working environment task force composed of faculty, staff, and students to address environmental concerns. The task force advocates for environmental stewardship to play a greater role in College affairs. The responsibilities of the task force include (1) to raise environmental awareness among all constituents of the college, (2) to keep abreast of research and developments that pertain to institutional sustainability, (3) to recommend policies for adoption by the college, in order to promote conservation, energy efficiency and sustainable use of resources, (4) to assess the environmental state of the college on a regular basis, and (5) to report to the faculty on its findings and activities. In the light of this, students have conceptualized & developed lifestyle products using paper waste, plastic waste, e-waste available at the college level.
- Dr. Reshma J. K , who represented college as International Intern 2015-16 of FLAIR (Fostering Linkages in Academic Innovation and Research) launched by New Initiatives of Higher Education, Govt. of Kerala observed best practices at Nottingham Trent University, United Kingdom and implemented the best practice of preparing Skills portfolio and Career portfolio for Post graduate students of the department.
- A centre named Students Scholastic Support Hub (SSSH) was initiated by Dr. Ayona Jayadev (FLAIR International Intern -2014) under FLAIR supported Best Practice with a view to provide Post Graduate students in Environmental Sciences with support in extracurricular scholastic activities

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Most of the activities that were planned at the beginning of the year were carried out. Those that could not be carried out due to unforeseen circumstances were carried over to the next year.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

BEST PRACTICE – I

“VALUES IN EDUCATION AND EDUCATION IN VALUES”

BEST PRACTICE - II

“THE GREEN THUMB INITIATIVE”

Details provided as *Annexure iii*

7.4 Contribution to environmental awareness / protection

- Members of Environmental Club, Biodiversity Club and Bhoomithra Sena Club are actively involved in various activities oriented towards protection of environment and propagation of environmental awareness.

- **Eco discussion forum**- students present and discuss various topics on environmental issues
- Environmental club initiated a programme '**Germplasm collection of *Capsicum***' by which all the *Capsicum* varieties, both cultivated and wild, are collected and conserved in the garden
- The members of the **Kuruvi Nature Club** have prepared a checklist of birds in All Saints' College Campus
- The Bhoomithra Sena Club organized an invited talk "**Connecting People with Nature**" as part of World Environment Day celebrations, 2017 on 13.06.2017.
- '**Santhisthal**' a project aided by the Kerala State Biodiversity Board for rearing Rare, Endangered and Threatened species of plants in one acre land inside the Campus is maintained by the Biodiversity Club members

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTHS

- Strong base in environmentally significant initiatives.
- Integrated education with life and lifestyle experiences.
- Workforce retention and stakeholder loyalty
- Number of newly enrolled research guides is a great strength in terms of generation of knowledge.

WEAKNESS

- The college is situated in the coastal belt. The access route to the college is mediated by a manned railway crossing. The onus of maintaining the railway gate falls exclusively on the college. The enormous cost of the same, places a huge financial burden on the college.
- As the college is situated in close proximity to the airport there are restrictions on the height of construction of the buildings. This affects the infrastructural aspirations of the college.
- Most of the students are first generation learners and this means that a significant effort is required to bring them up, to par with contemporary standards of education.
- The college has not been sanctioned new PG courses due to current government policies despite repeated applications and having the requisite manpower.

OPPORTUNITIES

- Research centre facilities to be improved
- Student to be encouraged to take up accredited online courses
- More add-on courses to be introduced

- Water harvesting facility to be scaled up
- No quality enhancement programmes for support staff

CHALLENGES

- Inflation affecting maintenance charges of the railway gate
- Insularity due to remote location
- Denial of sanctions for infrastructural expansions

8. Plans of institution for next year

- Research Centre to be upgraded with additional resources
- More International Conferences and collaborative initiatives to be undertaken
- Lecture series to be continued by all departments
- Workshops for creativity and qualitative enhancement for teaching, administrative staff and students.
- Becoming a local chapter for NPTEL
- Facilitating SWAYAM courses in college
- E-Learning Resources to be promoted among staff and students
- Providing greater digital access from the library
- Strengthening video conferencing facilities so as to enlist eminent personalities for student interaction
- Offering more Add-on courses
- Increasing the Social Responsibility Index of the college
- Augmenting the employability of the students by offering training in soft skills and also facilitating employment opportunities.
- Using the soft power of the college for greater impact upon society

Name: Dr. Sr. Pascoela A. D'Souza

Name: Dr. Caroline Beena Mendez

Signature of the Coordinator, IQAC

**IQAC CO-ORDINATOR
ALL SAINTS' COLLEGE
THIRUVANANTHAPURAM-7**

Signature of the Chairperson, IQAC

**Principal
All Saints' College
Thiruvananthapuram-7**



Annexure i

Calendar 2017-18

College Hand Book 2017 - 2018

| CALENDAR 2017 - 2018 | | |
|-----------------------|--------|------------------------------------|
| JUNE | 2017 | JULY |
| College Re-opens | 1 Thu | |
| | 2 Fri | |
| | 3 Sat | 1 |
| | 4 Sun | 2 |
| World Environment Day | 5 Mon | 3 |
| | 6 Tue | 4 |
| | 7 Wed | 5 |
| World Oceans Day | 8 Thu | 6 |
| | 9 Fri | 7 |
| Second Saturday | 10 Sat | 8 Second Saturday |
| | 11 Sun | 9 |
| | 12 Mon | 10 |
| | 13 Tue | 11 World Population Day |
| World Blood Donor Day | 14 Wed | 12 |
| | 15 Thu | 13 |
| | 16 Fri | 14 |
| | 17 Sat | 15 |
| | 18 Sun | 16 Feast of Our Lady of Mt. Carmel |
| Reading Day | 19 Mon | 17 |
| | 20 Tue | 18 |
| | 21 Wed | 19 |
| | 22 Thu | 20 |
| | 23 Fri | 21 |
| | 24 Sat | 22 |
| | 25 Sun | 23 Karkadakavavu |
| Ramzan | 26 Mon | 24 |
| | 27 Tue | 25 |
| | 28 Wed | 26 |
| | 29 Thu | 27 |
| | 30 Fri | 28 |
| | 31 Sat | 29 Managers Day |
| | | 30 Sun |
| | | 31 Mon |

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College Hand Book 2017 - 2018

| CALENDAR 2017 - 2018 | | |
|---------------------------------|--------|-------------------------------|
| AUGUST | 2017 | SEPTEMBER |
| | 1 Tue | |
| | 2 Wed | |
| | 3 Thu | |
| | 4 Fri | 1 Bakrid |
| | 5 Sat | 2 |
| | 6 Sun | 3 First Onam |
| | 7 Mon | 4 Thiruvonam |
| | 8 Tue | 5 Third Onam |
| | 9 Wed | 6 Fourth Onam |
| | 10 Thu | 7 |
| | 11 Fri | 8 |
| Second Saturday | 12 Sat | 9 Second Saturday |
| | 13 Sun | 10 |
| | 14 Mon | 11 College Re-opens |
| Independence Day | 15 Tue | 12 Shri Krishna Jayanti |
| | 16 Wed | 13 |
| | 17 Thu | 14 |
| | 18 Fri | 15 |
| | 19 Sat | 16 |
| | 20 Sun | 17 |
| | 21 Mon | 18 |
| | 22 Tue | 19 |
| | 23 Wed | 20 |
| | 24 Thu | 21 Sree Narayana Guru Samadhi |
| | 25 Fri | 22 |
| | 26 Sat | 23 |
| | 27 Sun | 24 |
| Ayyankali Jayanthi | 28 Mon | 25 |
| | 29 Tue | 26 |
| | 30 Wed | 27 |
| College Closes for Onam Holiday | 31 Thu | 28 |
| | | 29 Fri |
| | | 30 Mahanavami |
| | | 31 Vijaydashami, Muharram |

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College Hand Book 2017 - 2018

| CALENDAR 2017 - 2018 | | |
|----------------------------------|--------|-----------------------------|
| OCTOBER | 2017 | NOVEMBER |
| International Day of the Elderly | 1 Sun | |
| Gandhi Jayanthi | 2 Mon | |
| | 3 Tue | |
| Animal Welfare Day | 4 Wed | 1 All Saints' Day |
| | 5 Thu | 2 |
| | 6 Fri | 3 |
| | 7 Sat | 4 |
| | 8 Sun | 5 |
| | 9 Mon | 6 |
| | 10 Tue | 7 |
| | 11 Wed | 8 |
| | 12 Thu | 9 |
| | 13 Fri | 10 |
| Second Saturday | 14 Sat | 11 Second Saturday |
| World Students' Day | 15 Sun | 12 |
| | 16 Mon | 13 |
| | 17 Tue | 14 |
| Deepavali | 18 Wed | 15 |
| | 19 Thu | 16 Foundress Day |
| | 20 Fri | 17 |
| | 21 Sat | 18 |
| | 22 Sun | 19 National Integration Day |
| | 23 Mon | 20 |
| | 24 Tue | 21 |
| | 25 Wed | 22 |
| | 26 Thu | 23 |
| | 27 Fri | 24 |
| | 28 Sat | 25 |
| | 29 Sun | 26 |
| | 30 Mon | 27 |
| | 31 Tue | 28 |
| | | 29 Wed |
| | | 30 Thu |

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College Hand Book 2017 - 2018

| CALENDAR 2017 - 2018 | | |
|-----------------------------------|-------------|---------------------------------------|
| DECEMBER | 2017 - 2018 | JANUARY |
| | 1 Fri | |
| National Pollution Prevention Day | 2 Sat | |
| | 3 Sun | |
| | 4 Mon | 1 |
| World Soil Day | 5 Tue | 2 College re-opens after Onam Holiday |
| | 6 Wed | 3 |
| | 7 Thu | 4 |
| | 8 Fri | 5 |
| Second Saturday | 9 Sat | 6 |
| Human Rights Day | 10 Sun | 7 |
| International Mountain Day | 11 Mon | 8 |
| | 12 Tue | 9 |
| | 13 Wed | 10 |
| National Energy Conservation Day | 14 Thu | 11 |
| | 15 Fri | 12 National Youth Day |
| | 16 Sat | 13 Second Saturday |
| | 17 Sun | 14 |
| | 18 Mon | 15 |
| | 19 Tue | 16 |
| | 20 Wed | 17 |
| | 21 Thu | 18 |
| College Closes for Christmas | 22 Fri | 19 |
| | 23 Sat | 20 |
| | 24 Sun | 21 |
| Christmas | 25 Mon | 22 |
| | 26 Tue | 23 |
| | 27 Wed | 24 National Girl Child Day |
| | 28 Thu | 25 |
| | 29 Fri | 26 Republic Day |
| | 30 Sat | 27 |
| | 31 Sun | 28 |
| | | 29 Mon |
| | | 30 Tue |
| | | 31 Wed |

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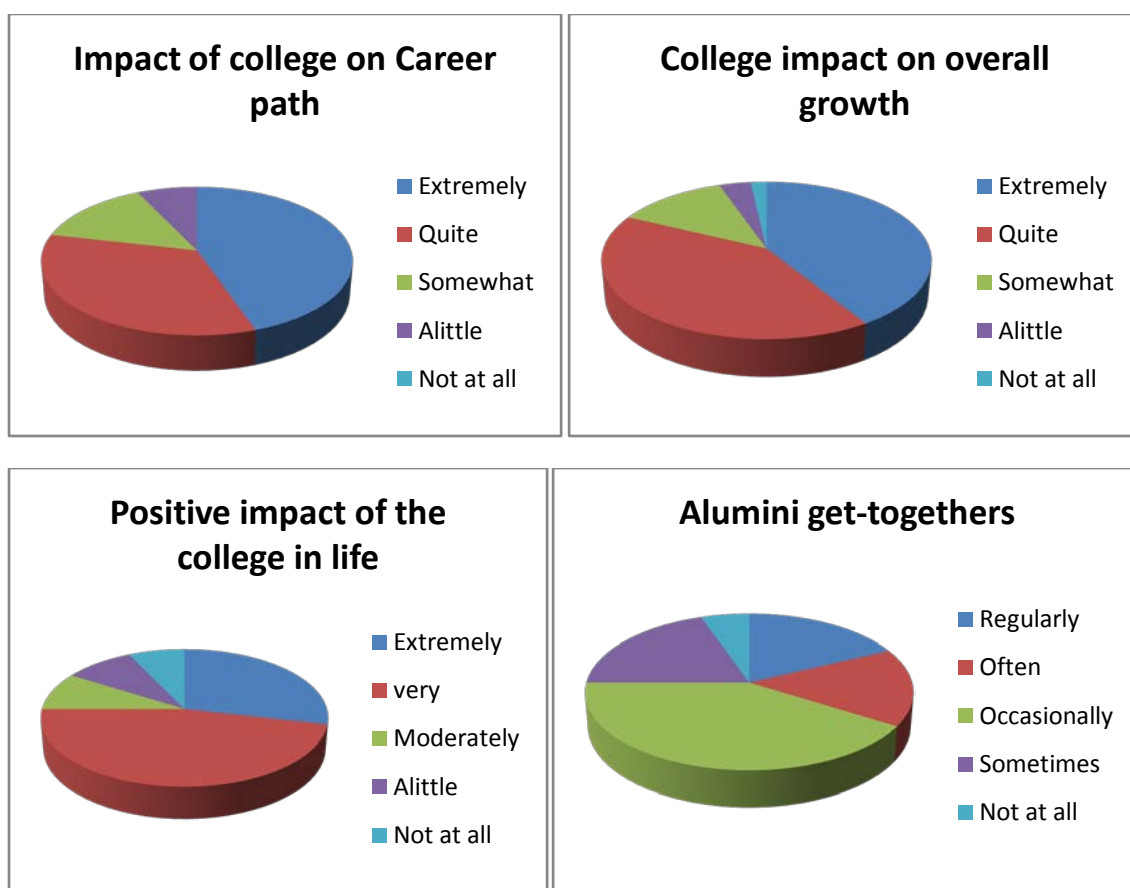
| CALENDAR 2017 - 2018 | | | | |
|----------------------|----|------|-------|------------------------------------|
| FEBRUARY | | 2018 | MARCH | |
| | 1 | Thu | 1 | |
| World Wetlands Day | 2 | Fri | 2 | |
| | 3 | Sat | 3 | World Wild Life Day |
| | 4 | Sun | 4 | |
| | 5 | Mon | 5 | |
| | 6 | Tue | 6 | |
| | 7 | Wed | 7 | |
| | 8 | Thu | 8 | Women's Day |
| | 9 | Fri | 9 | |
| Second Saturday | 10 | Sat | 10 | Second Saturday |
| | 11 | Sun | 11 | |
| | 12 | Mon | 12 | |
| | 13 | Tue | 13 | |
| | 14 | Wed | 14 | |
| | 15 | Thu | 15 | |
| | 16 | Fri | 16 | |
| | 17 | Sat | 17 | |
| | 18 | Sun | 18 | |
| | 19 | Mon | 19 | |
| | 20 | Tue | 20 | |
| | 21 | Wed | 21 | International Day of Forests |
| | 22 | Thu | 22 | World Water Day |
| | 23 | Fri | 23 | |
| | 24 | Sat | 24 | |
| | 25 | Sun | 25 | |
| | 26 | Mon | 26 | |
| | 27 | Tue | 27 | |
| National Science Day | 28 | Wed | 28 | |
| | | Thu | 29 | |
| | | Fri | 30 | College Closes for Summer Vacation |
| | | Sat | 31 | |
| | | Sun | | |
| | | Mon | | |

Annexure ii

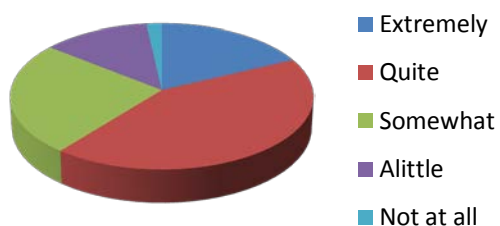
Introduction to questionnaire

Questionnaires based on the specific areas of interactions between the institution and the respective stakeholders were designed. The Alumni, Teachers and Parents were asked for their feedback through a purely random and confidential system. Provisions were made for mentioning concerns that were not covered by the parameters. The answers given are rated from 1 to 5 for options ranging from extremely to not at all using five point scale. Chart and diagram method is used for analyzing the obtained data. The result of the statistical analysis of each question is represented by pie diagrams.

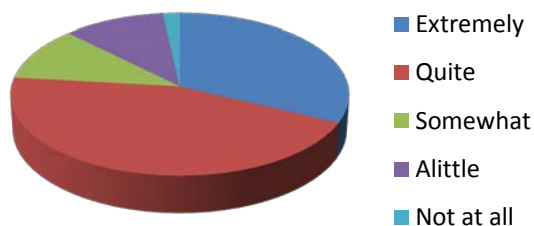
Feedback Analysis From Alumni



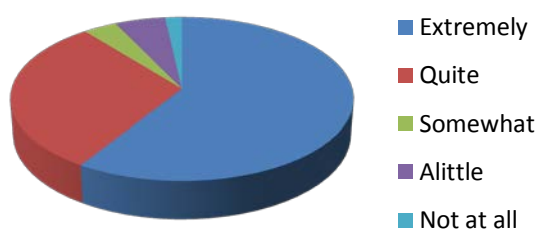
Present level of integration



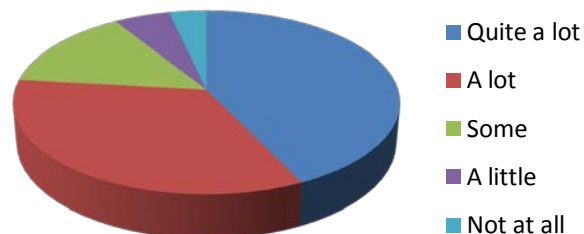
Involvement as Stakeholder



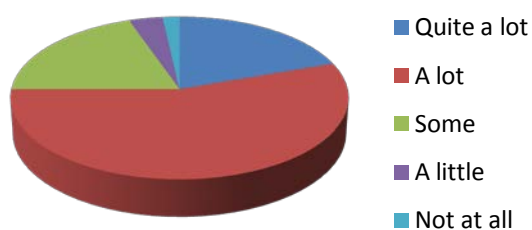
Effectiveness of Teaching Learning strategies



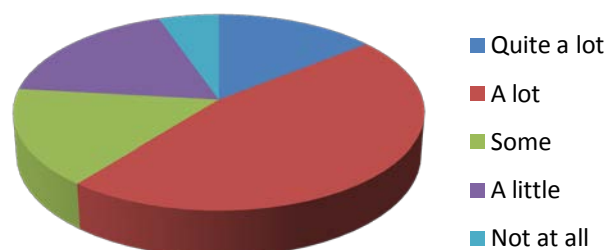
Outreach potential of the College

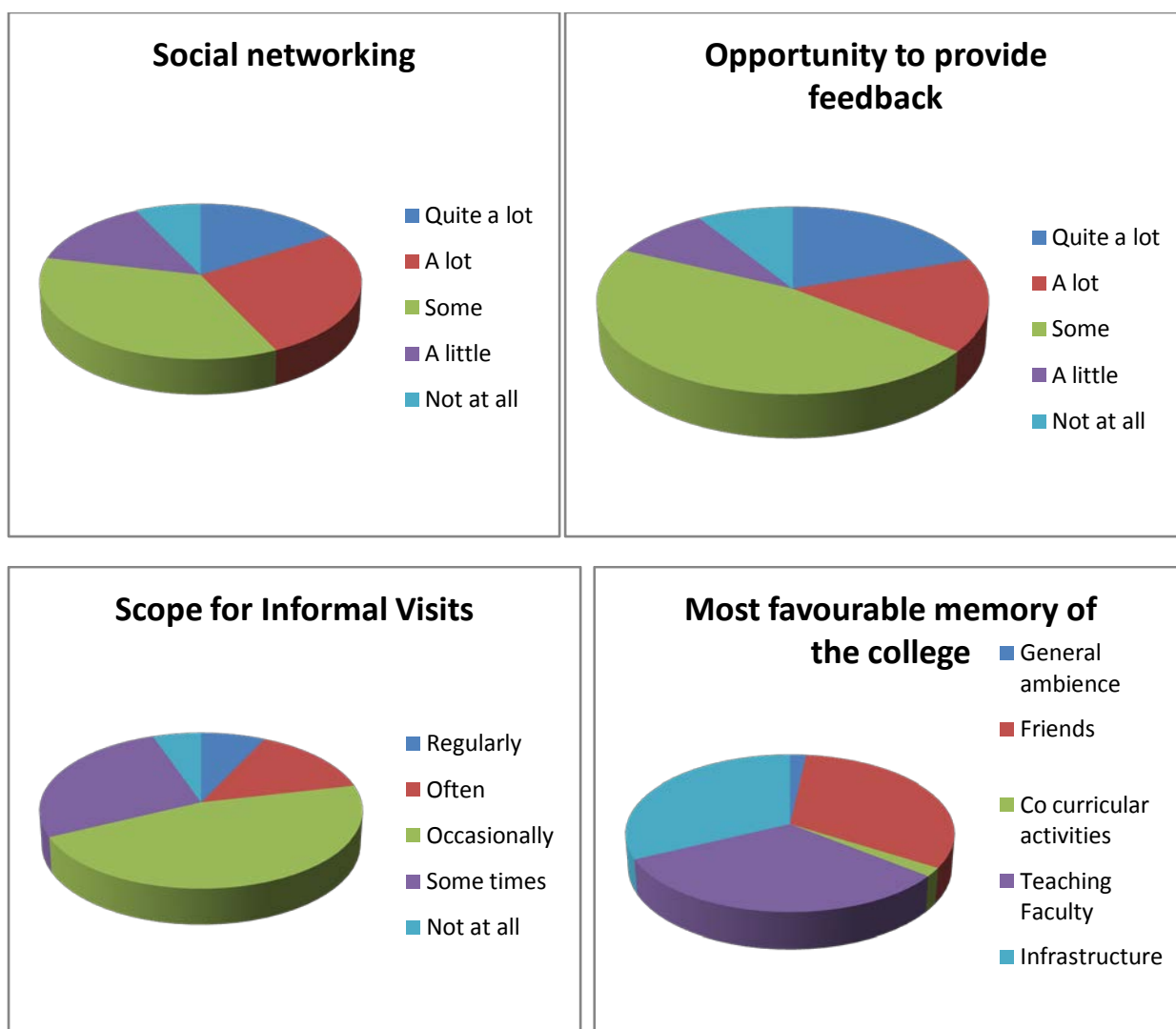


Progression of Infrastructure



IT/Technical Support Analysis



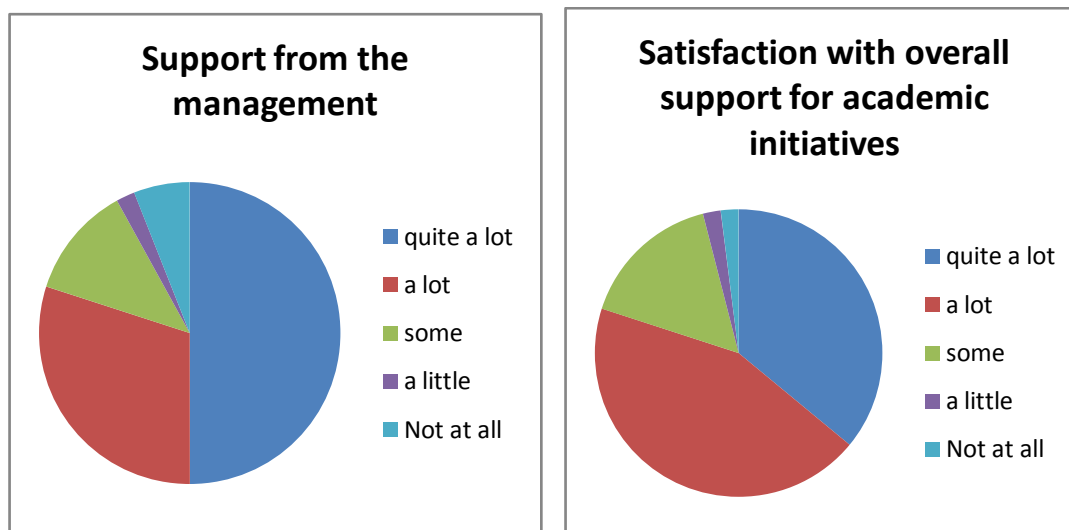


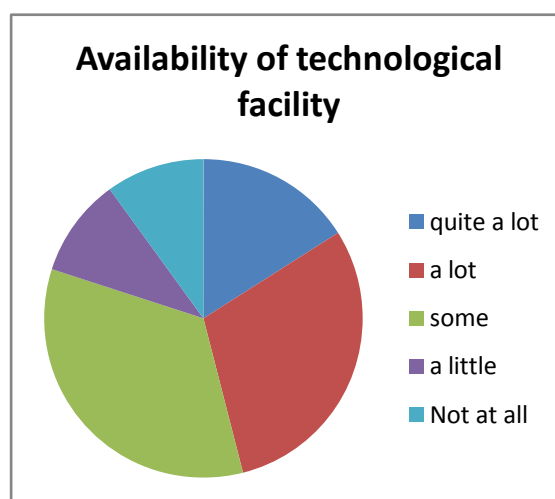
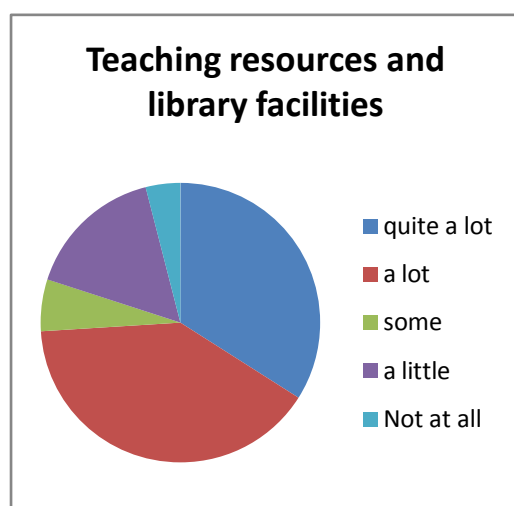
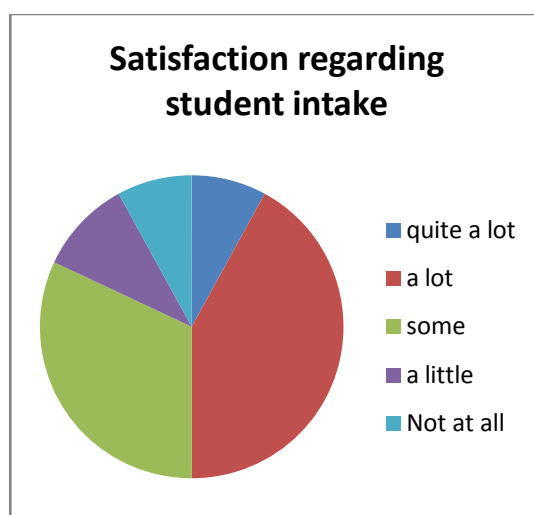
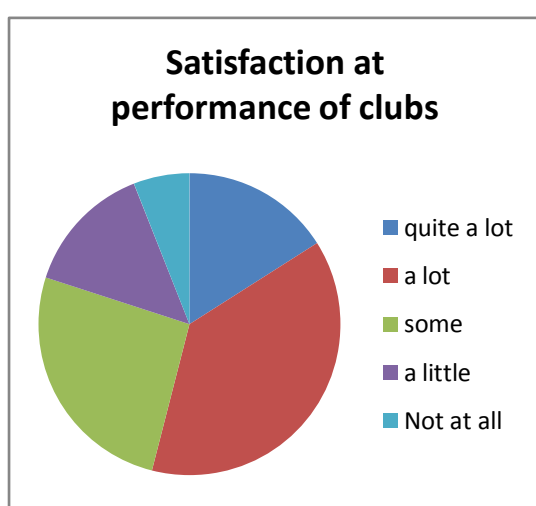
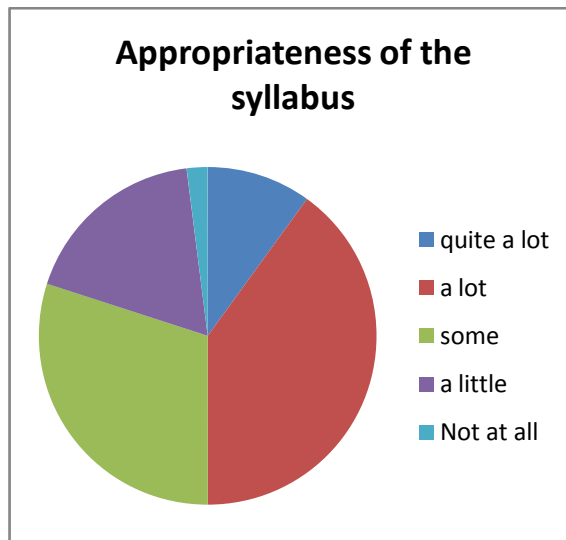
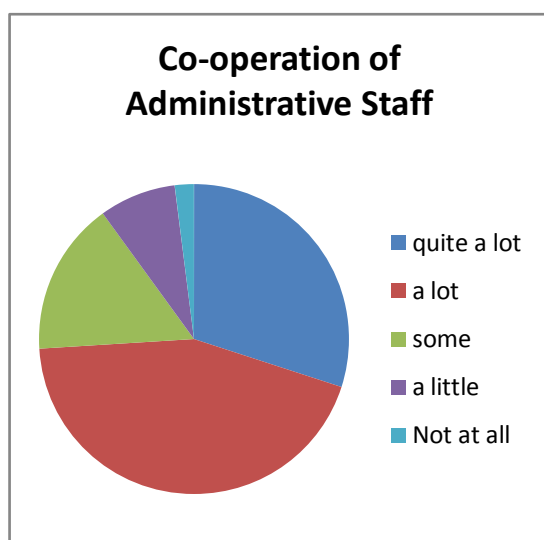
The analysis of the feedback collected from the former students of this college had some interesting results. Most Alumni feel that the college had a significant impact on their choice of careers. The institution has had significant influence on their ideology and the way they think in their day to day interactions with society. This indicates that the college has managed to achieve its goal of providing a holistic education to the students. Most former students feel that the frequency of Alumni meets must be increased. They feel that if the alumni met more often they would be able to offer constructive participation as stakeholders. They also feel deeply connected to their former teachers and this has enabled them to be integrated into the networks that make up the institution. This has helped them put forth the name of their college in the places of work so as to help current students with job opportunities. The alumni feel that the college has immense outreach potential and they opine that the institution can do a lot more to improve its social outreach. They indicate that the college has robust teaching learning strategies in place and they feel that the college has made a systematic progress in terms of upgrading its IT and infrastructural facilities. This has been viewed favourably by the Alumni. The Alumni have stated that though the opportunities for informally visiting the college and their respective

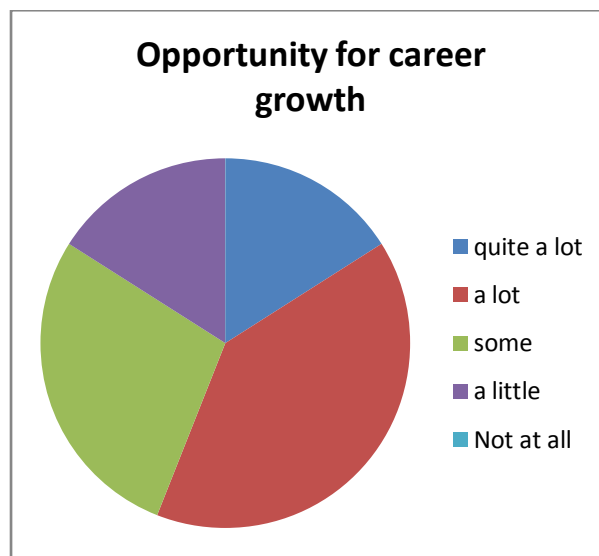
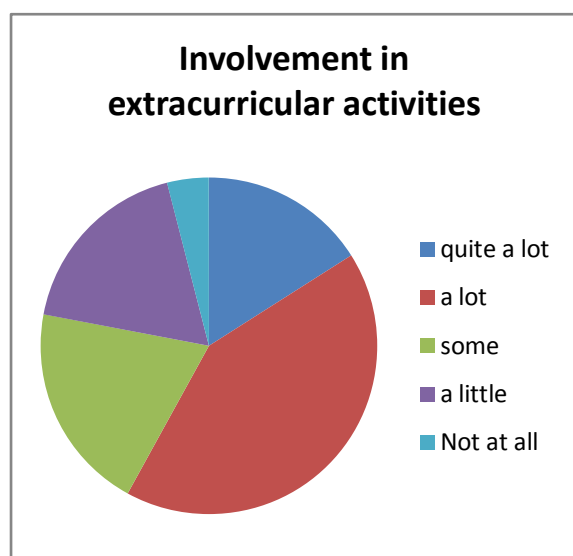
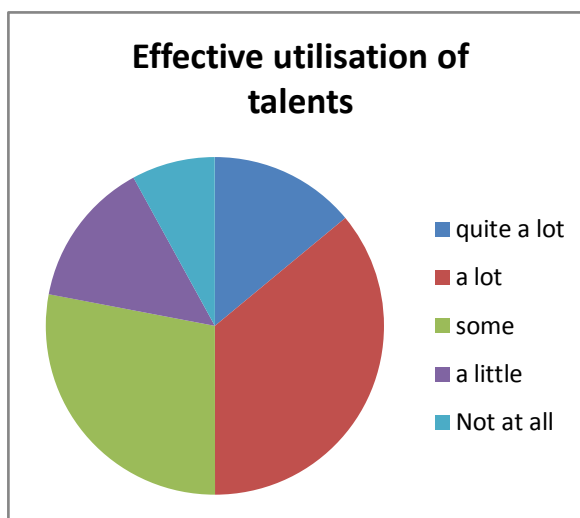
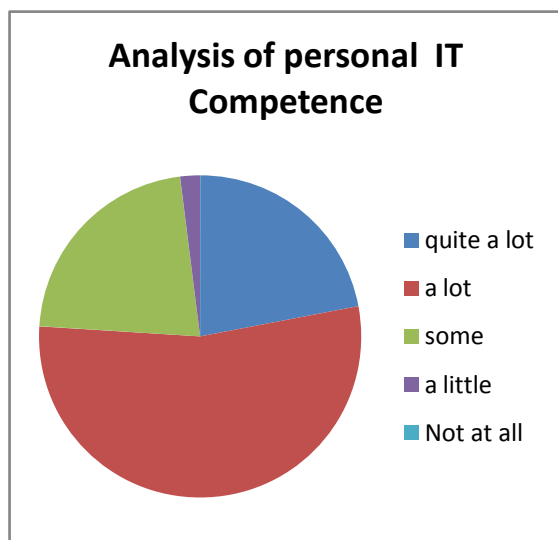
departments are limited, they do manage to keep in touch over social networking sites and other media. They have observed that there needs be a better channel for providing feedback other than the mechanisms already in place. On the whole, the Alumni feels that the teachers, infrastructure and their friends are the fondest memories they carry back from here.

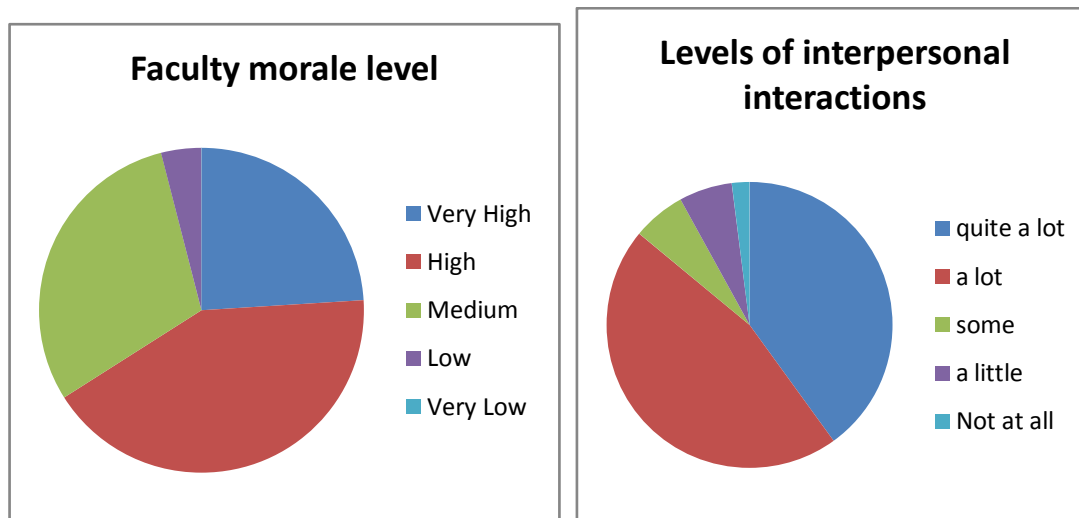
The institution has taken these suggestions very seriously and has formulated an action plan to ensure that these concerns of the Alumni are addressed with immediate effect. It has been decided that the Alumni will be invited to have a greater participation in the social outreach of the college. It will also be asked to come forward with intellectual and soft power resources for the college. The college has also decided to increase the visibility of the Alumni by felicitating those former students who have made a mark in society. The Alumni has also been asked to consider increasing the incentives for economically disadvantaged students who need a helping hand. Thus, any lacunae that have been revealed through analyzing the present feedback shall be addressed. The college has also resolved to focus on its strengths as indicated by the former students. It is believed that these measures will provide a fresh impetus for the Alumni to bond better with their alma mater.

Feedback Analysis From Teachers





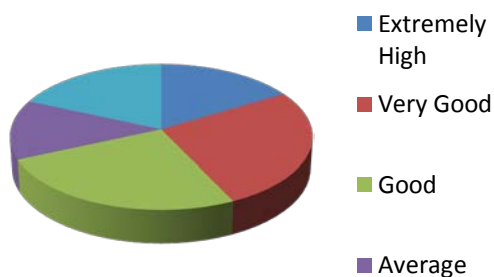




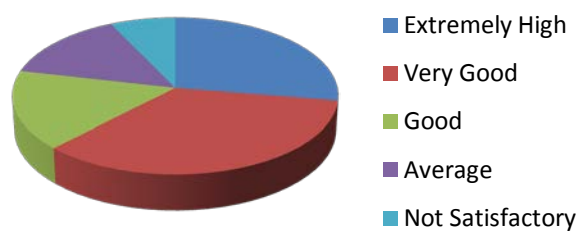
The teaching staff is one of the real time stakeholders of the college and their opinions with regard to the various aspects of the institution make a difference at the grassroots level. The teachers indicate that there is a very strong support from the management of the college. This ensures that the teachers have a secure work environment that bolsters their sense of belonging. The teachers have also placed on record their happiness at the support extended by the management for the various academic ventures in the college such as seminars and conferences. The college has also come forward at times to allot space and other facilities in order to enable the teachers to effectively carry out academic collaborations with various agencies. The staff feels that their ventures are largely supported by the administrative staff who extend supplementary assistance in the form of paperwork and liaison. The teachers are almost equally divided with regard to their opinion of the suitability of the curriculum. However as it is the University that sets the curriculum, the college can only help design pedagogical guidelines to help improve the effectiveness of the curriculum. On the whole, about 80% of the staff feels satisfied at the quality of intake of the staff. Also it is worth noting that 50% of the staff is extremely happy with the intake. An overwhelming majority have expressed their happiness at the teaching resources and related facilities placed at their disposal. This is a validation of the efforts of the college to constantly update its resources and to make qualitatively relevant resources available to the teachers. These resources are made available to the teachers using the technical network of the college. The teachers have expressed their happiness at the technical facilities made available by the college. The constantly upgraded technical facilities have increased the technical competency of the teachers too. A self assessment of technical competency by the teachers has shown that all the teachers are generally happy with the levels of their technical know-how. In terms of workplace satisfaction, the teachers have been very happy with the institution. Their self esteem and morale is at a high as they feel that their talents are being utilized by the college and that they have ample opportunity for growth. They have also been happy with the way the various clubs in the college is being run. It can be seen that the feedback provided by the teachers largely points positively to the work ethics of the institution.

Feedback Analysis From Students

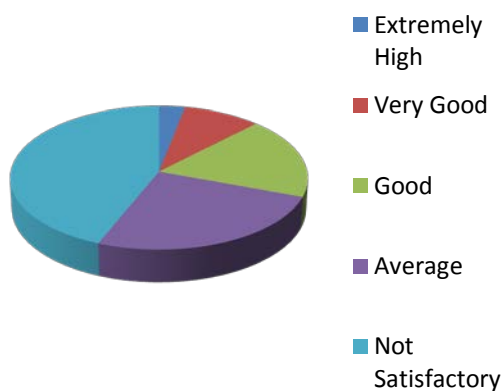
Infrastructural facility and classroom ambience



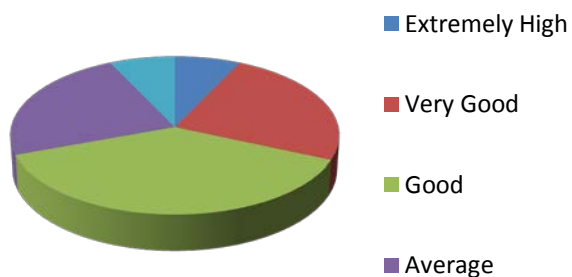
Library facility



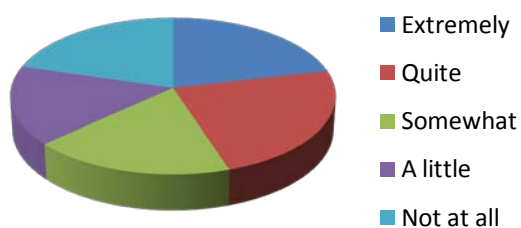
Canteen facility



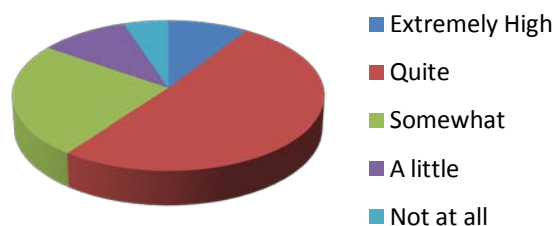
Transportation facility



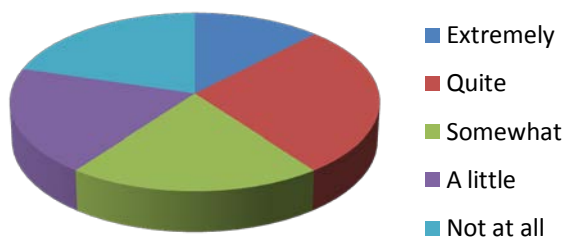
Rest room facilities



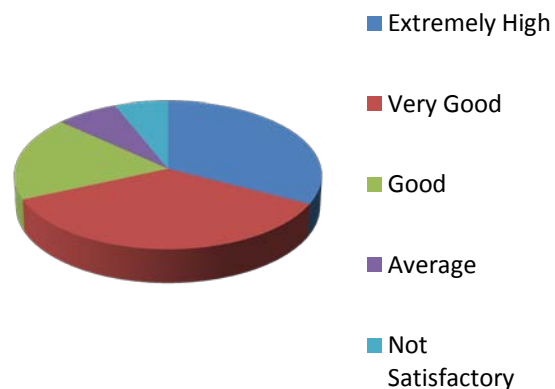
Satisfaction with the course content



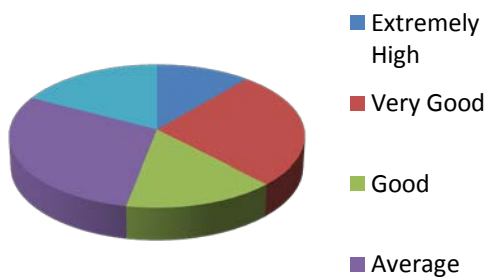
Need of extra academic help



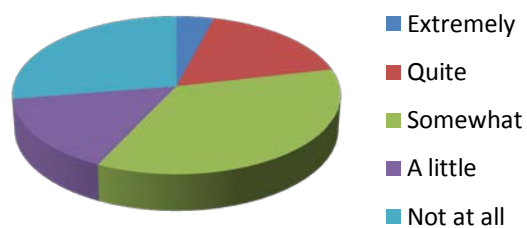
Satisfaction with Teaching staff

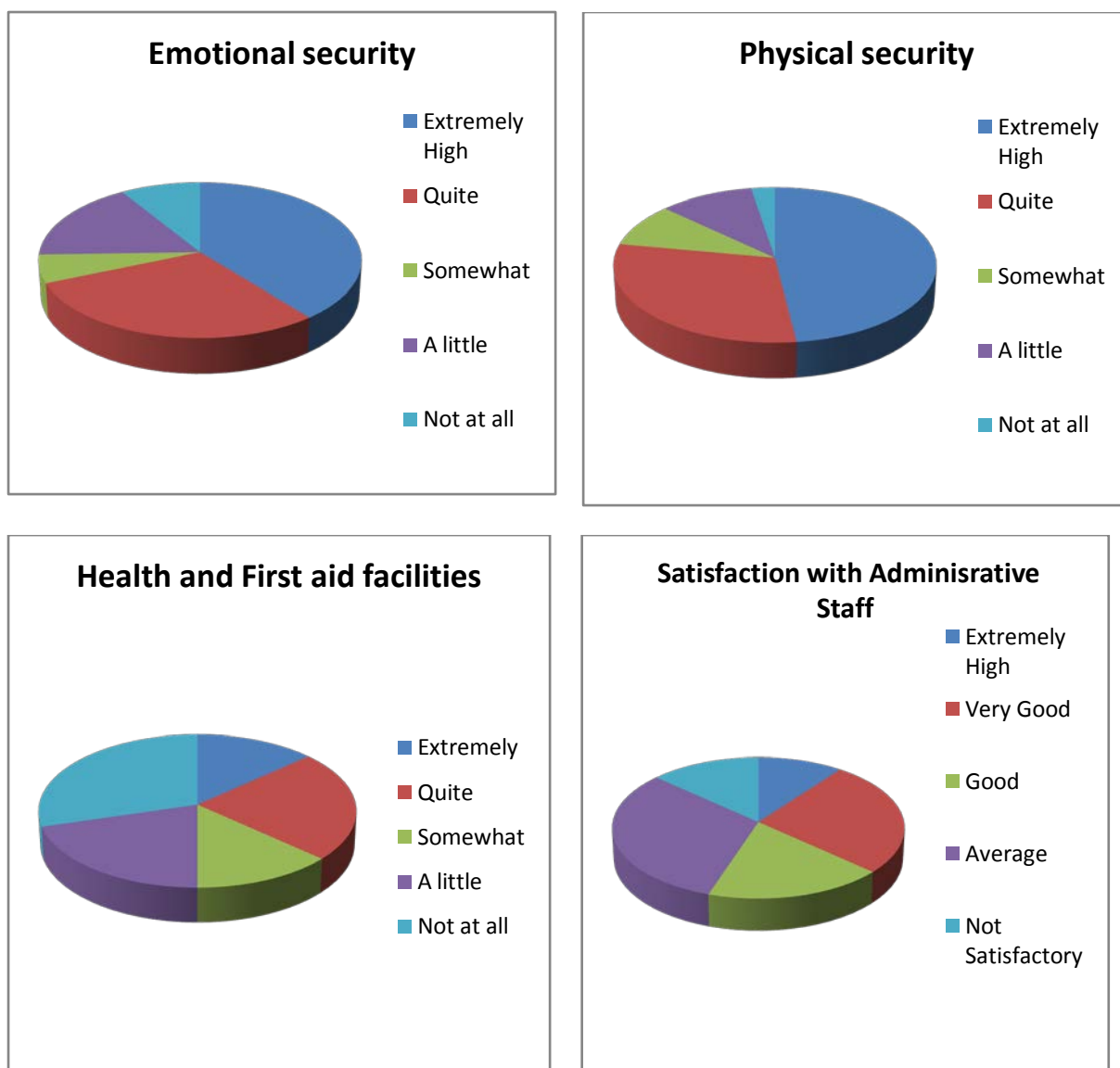


Extra curricular activities



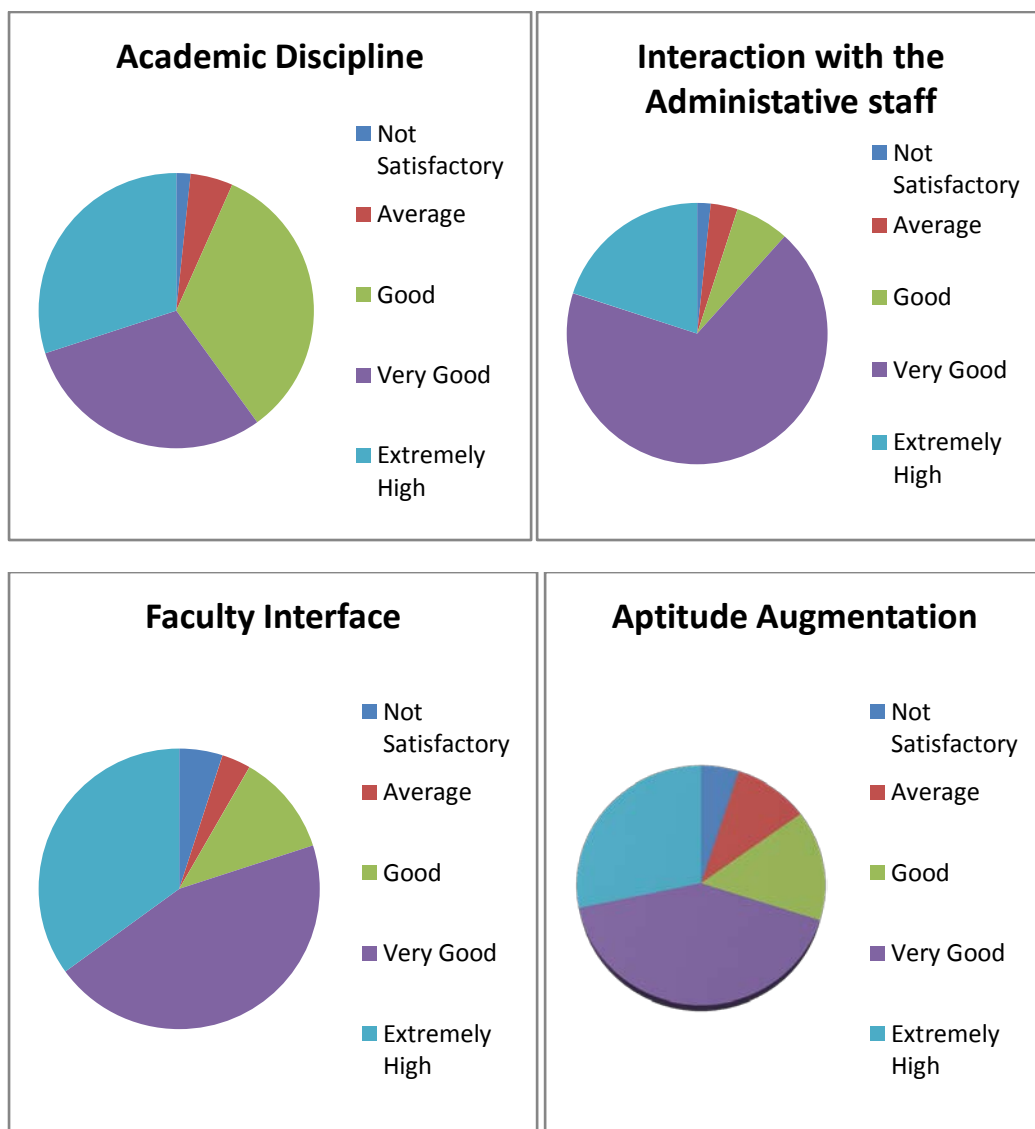
Counselling and complaint facilities



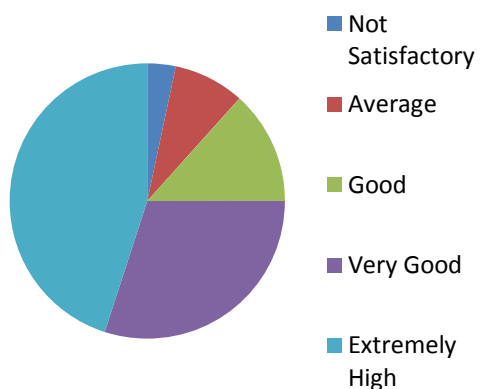


As primary beneficiaries of the institution, the students are the most valuable components of the college. Therefore their feedback carries paramount value. The infrastructural facilities of the college are seen as extremely good and the students have generally expressed satisfaction towards the same. The library that is the focal point of the supplementary and referential learning material of the students has received very favourable feedback. More than 80% of the students have ranked the college library as being very vital to their academic ventures. It has been seen that the canteen calls for strategic improvement especially in the variety of food items available. Other categories such as restroom and logistics have been viewed largely positively by the students. The student centric approach of the college is apparent in the fact that the student have reported feeling extremely secure, emotionally and physically in the college. The learning experience has been found to be rewarding as they are comfortable in their interactions with the teachers and the administrative staff. The need for extra academic help has been indicated and steps have already been initiated to address the same. It has been observed that the students are asking for a better avenue for grievance redressal. All of these concerns have been viewed with due seriousness and the students will find their concerns immediately and discernibly addressed.

Feedback Analysis From Students



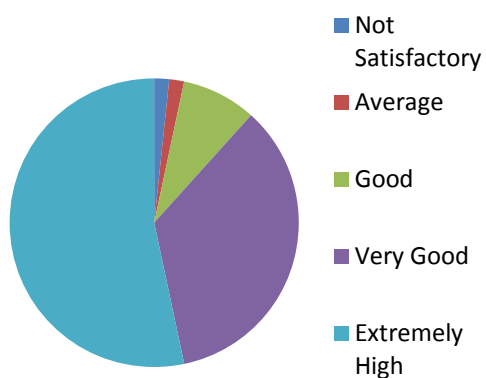
Infrastructural Index



Cocurricular Progression



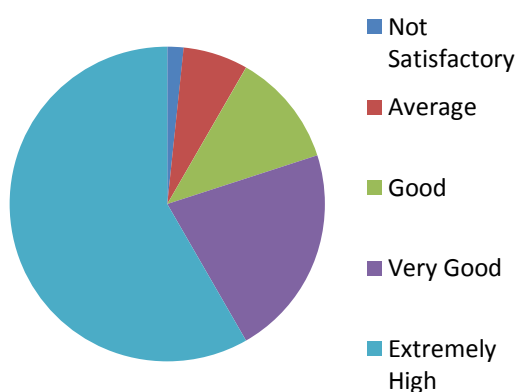
Adequacy of Security Measures



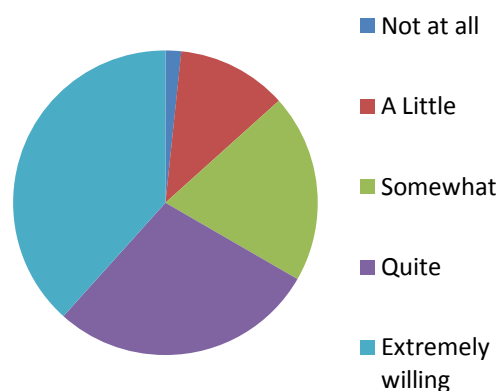
Opportunity for Holistic Development

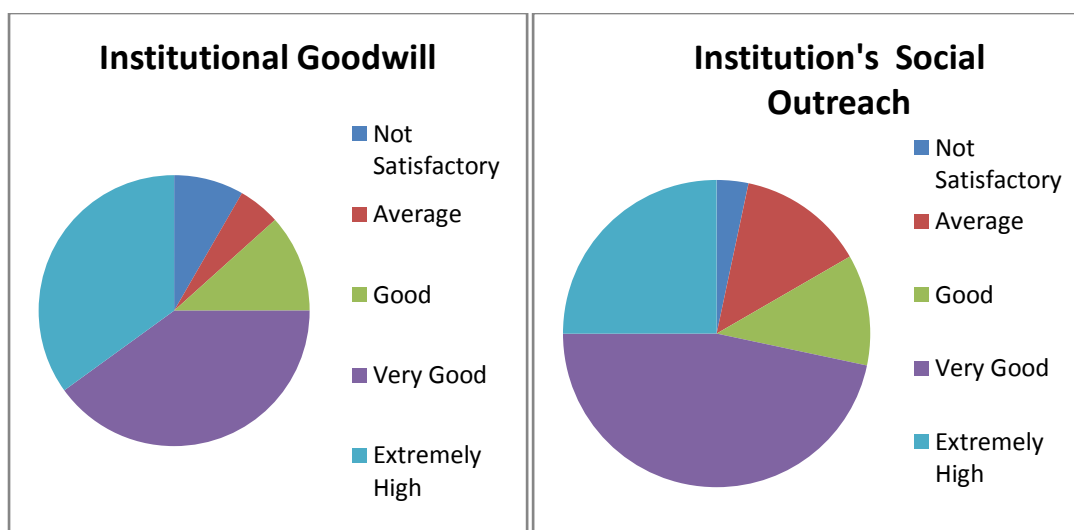


Growth Potential



Willingness to contribute to the college's ventures





The feedback collected and analyzed from a cross section of parents shows that the institution is held in high regard by the parents in terms of the social impact and outreach it has. There is also a lot of goodwill that the college generates. It is heartening to see that the parents feel that their wards are provided a secure campus. More than 90 percent of the parents feel that the college is a safe environment. Added to this they feel that the infrastructure provided by the college is excellent. The academic discipline index is largely positive and the parents seem happy with the interaction that they have been having with the teachers. This is the direct result of the systematic parent-teacher's meetings being held by all the departments. The parents feel free to speak to the teachers about the academic and non academic progression of their wards. These factors have in turn helped the students have a holistic educational experience in the college and have contributed to them achieving the maximum potential of their aptitude. The parents feel that the college has enabled the all round development of their children. They seem to indicate that the levels of interaction with the administrative staff could be improved. This has been duly noted by the college and remedial steps have been initiated.

The college is encouraged by the response of the parents with regard to the impact the institution has on their lives and the way it is helping fashion their wards into responsible citizens of this country.

Annexure iii

BEST PRACTICES

BEST PRACTICE – I

“VALUES IN EDUCATION AND EDUCATION IN VALUES”

Title of the Practice

Values in Education and Education in Values

Goal of Practice

Best practices are those which add value to human life and support the vision of an institution. Depending upon the institutional environment the College has initiated suitable best practices which reflect the credibility of the institution while instilling a scientific approach to the day to day problems of the society. Various activities based on value education enable the students to become morally upright and socially committed as well as promotes sustainable development and strengthen values for a better future. The main aim is to prepare students to be committed to a life of community service as responsible citizens and to impart human values and social attributes to the students. Realization of this aim will create an egalitarian society where every individual is treated with respect and love irrespective of socio-economic and religious diversity.

The Context

Without social responsibility, education is incomplete. There is an urgent need to reaffirm that ‘Wisdom’ can never be replaced by ‘Intelligence’. To imbibe moral and spiritual values the College has made efforts to instill in students a moral and spiritual temper through value education that lead to their holistic development and to prepare them for a socially committed life.

The Practice

To promote and strengthen values in our students for a better future, we follow a number of best practices in tune with the environment of the college.

Ethics for Life

Mother Theresa Club

AICUF, Human Values Club

Ephphatha Club

Every Monday, the Value Education Classes are conducted to instill values in students and thus provides an umbrella of concepts that includes moral education and citizenship education. The themes that we stress in our institution are: character and moral development, spiritual and personal development as well as social and cultural development. Value based talks by the also augment this purpose.

Each One Teach One

Students receive direct feedback through close interactions with mentors and are thus provided with an open platform to orally communicate, defend, analyze and critique diverse ideas. This creates learning and assessment opportunities which are highly authentic.

Women on Wings

- Women's Studies Cell
- Human Rights Club
- Entrepreneurship Development Cell (ED Club)

In view of Women Empowerment students are being trained in soft skills, through personality development workshops, coaching classes and interviews with eminent women activists. The college also organizes programmes like legal awareness talks, debates and seminars to discuss problems related to women community. The various initiatives under the club have helped the students gain meaningful livelihood through self employment. International Women's Day is observed with various activities on women issues like women's rights, gender equality and legal awareness programmes.

Social Commitment

Charity has been taken up as an important virtue by the college. The Management, teachers and students actively participate in various activities. Students put up food stalls and gaming zones in the college campus to collect funds. The members of the faculty contribute generously towards the charitable activities of the College. In the wake of Ockhi disaster the institution contributed generously in kind and cash to the victims. On special occasions, students and staffs of the college provides food for the *Aakasaparavakal* – an old age home in the vicinity of the college and Ward 9 of the General Hospital.

- NSS is actively involved in encouraging voluntary blood donation among students and promote awareness of safe blood donation and social responsibility. Club 25 is a voluntary blood donation initiative through which members pledge to donate blood 25 times by the age of 25.
- **Noon Meal Programme**

The noon meal programme instituted by the college intends to cater to the needs of the students who find it difficult to feed themselves owing to various social and economic reasons. It is the responsibility of the college to ensure that the students are not let to sit in the classroom without food. Various departments sponsor food for such students from the canteen under strict confidentiality to safeguard the dignity of the student.

Student Welfare Scholarships and Awards

Scholarships and awards have been instituted to support, promote and encourage the educational pursuits and goals of deserving students. It ensures that educational opportunities are provided to students for their excellence in academics and sports. Our goal is to ensure that no deserving scholar in our institution will be deprived of rightful education because of shortage of funds.

Student Support Facilities

Facilities like Consultancy, Counselling and Psychotherapy and Legal Aid cells are actively functioning for the holistic development of the students. Consultancy services are offered to industries, NGO's and other organizations of social concern. The Counselling and Psychotherapy Cell helps the students deal with personnel as well as academic problems and also extends services of professional counselors. The legal aid cell aims to equip students with basic legal literacy and works as a platform for consultation of any legal issues.

Placement Cell

The industry is always on the lookout for students who are vibrant, energetic individuals and ready to accept challenges, attentive, a good academic background, fast learners, open to learning even at work and more importantly, good communication skills. Our placement cell equips the students with relevant and conceptualized professional skills and guiding them towards a bright future and career all around the world with the values of – 'Sincerity', 'Hard Work' and 'Ethics'. This cell focuses on the personality development to make the students reliable, with a positive attitude and right decision making. The main objective of the cell is to guide students to choose right career and to give knowledge, skill, and aptitude and meet the manpower requirements of the Industry. The following are the activities of the placement cell-

- Inviting various organizations for campus recruitment.
- Maintaining and regularly updating the database of students.
- Organizes programs like Mock interviews, group discussions, case studies, Personality development, Interpersonal and Communication Skills, Career planning and career mapping etc.
- Coordinating with companies to learn about their requirements and recruitment procedures
- Organizing pre-placement training/workshops/seminars for students.
- To act as a link between students, alumni, and the employment community.
- To assist students in obtaining placement in reputed companies.
- This activity focuses on the personality development to make the students reliable, with a positive attitude and right decision making.

Life of Freedom-Initiative

- Anti-drug cell and anti narcotic cell

Anti-drug cell is constituted under Kerala State Anti Drugs Mission- **VIMUKTHI**

Activities

1. Conveners of Anti- Drug Cell participated in a one –day workshop conducted by VIMUKTHI on 22.07.2017.
2. Students edited a manuscript magazine and participated in the contest by VIMUKTHI on 18.08.2017

3. Twenty students were participated in an interaction session of Antidrug programmes in school and colleges with Rishiraj Singh IPS(Excise Commissioner) on 3.08.2017 at a conference hall , Excise Commissionerate ,Nandhavanam,TVM
4. An essay Writing competition was conducted on 05-10-2017(National Anti-Drug Addiction day) on the topic “ Free from drug and preserve the talent “.
5. Poster presentation of students was conducted on 08.12.2017 to create awareness about the ill effects of drugs.
6. Talk on ‘ Drug use and Abuse- Health and impact ‘delivered by Sr. Sabina- Advocate on 08.12.2017.
7. A lecture on “Abuse of Drugs” was delivered by T Anikumar, Circle Inspector of Excise Trivandrum on 22nd February 2018.
8. As a part on anti drug Camping a play was conducted by Excise Department on 22nd February 2018.

The Anti narcotic Cell has been started in our college with the help of City Police to curb the menace of narcotic abuse.

Activities

- Faculty members and PTA members participated in the awareness programme conducted by the City Police Commissioner at the Office of the Commissioner of Police, Thiruvananthapuram on 16th February, 2018
- The teachers in charge, members of the anti –narcotics cell and 40 students of various departments participated in the launch of this initiative by Chief Minister Pinarayi Vijayan at the Jimmy George Indoor Stadium, Thiruvananthapuram on 27th February, 2018
- Regular inspection of the anti- narcotics cell at the college campus and premises is done by the faculty and student members of the cell.

Clubs and Associations

The following clubs function in full swing to provide a meaningful educational experience to the students. The clubs address the intellectual, life skills and creative skills.

In addition to the curriculum based activities various clubs are also functioning in our institution.

- **Sixth Sense Quiz Club** - To instil in our students the values of Knowledge, Wisdom and Compassion and make them smart citizens.
- **Harmony Club** – Platform to showcase the musical talents of students
- **Performing Arts Club** – Offers an unparallel journey in to the world of performing arts
- **Debating Club** – Platform for students interested in public speaking
- **Reading Club** – Aims to develop a love for reading, vocabulary building and develop a historical perception of literature
- **Mashithandu Club-** Aims at promoting interest in Malayalam literature
- **Financial Literacy Club-** aims to provide the students with knowledge, skills and abilities that is necessary to make financially responsible decisions that are important to our everyday life.

Evidence of success

Student leaders take the initiative in organizing fund raising programmes for charitable causes. The institutional attempts at women empowerment through co-curricular and value added skill development programmes have enabled the students to be confident and empowered by the time they graduate from the Institution. The students have distinguished themselves in extension activities through their active involvement in NSS, AICUF and Red Ribbon Club. University and State NSS awards for best college, Best Programme Officer and Best Student Volunteer are proof of the meritorious performance of the College. The value based education offered by the College has ensured students' integral growth.

Problems Encountered and Resources Required

Adequate time needs to be provided during the class hours for programmes to be conducted regularly for updating the knowledge of students regarding various relevant issues.

BEST PRACTICE - II

“THE GREEN THUMB INITIATIVE”

Title of the Practice

The Green Thumb Initiative

Goal of the Practice

To create awareness among the local residents and the student community regarding the importance of maintaining a green, clean, healthy and eco-friendly environment thereby fostering a bond with the society and the environment. This initiative aims at creating a change in the attitude towards environment, plantation and conservation of rare, endangered and threatened species in the campus.

The Context

It's not enough to prepare children for the future. We must prepare the future for our children. The activities designed in the college help to fulfill our environmental commitment which will provide environmental benefits, such as water and air quality preservation, and biodiversity protection. Several initiatives have been undertaken to ensure environmental protection. These includes rainwater harvesting, bio gas plants, reduced waste generation and a plastic free campus. The scope of environmental concern is further extended to the community whereby the students interact and share with the community about the importance of caring for the environment.

The Practice

A clean, healthy and well protected environment supporting a sustainable society and economy. As structures drive behaviour, systems are put in place to further model and anchor environmental protection among our staff. Such systems include practicing double-sided photocopying, recycling of resources across departments, usage of resources for events, printers are set at default for double sided printing. Yearly commemoration of the World Environment Day on June 5th various activities and competitions are carried out by the Green clubs in the campus. These competitions serve as platforms to increase the students' awareness about environmental protection and conservation.

Green Initiatives

We believe in developing a study culture which aims to cultivate in our staff and students a strong sense of care and responsibility for our environment. Our vision and mission serve to guide the institution in mapping out our efforts towards environmental protection and conservation of

resources among the community. A multi-level and holistic approach is used to map out the learning objectives of the environmental education programme for every level. Learning outcomes for students are seen as a continuum, with new skills and experiences acquired throughout their years of education. Through these experiential learning opportunities, the students' character, commitment and leadership qualities are developed. Environmental care and concern goes beyond the classrooms to areas such as canteen and campus premises. Students' initiatives in organizing programmes in collaboration with NGOs are highly appreciated.

Environment Enrichment Awareness Committee

The committee formulates action plan related to different outreach as well as extension programmes aimed at conservation, management and sustainable options for Environmental Quality Improvement. Under this committee, various clubs are actively involved in Environment enrichment activities like plantation of rare, endangered and threatened floral species in and outside the campus thereby raising awareness regarding conservation of plant species for our mother nature. These include the **Eco Club, Bhoomithra sena club, Biodiversity club** and **Kuruvi Nature Club**.

Awareness Classes to School Students

As part of the Annual Camp activity of NSS, neighboring schools were selected for the purpose. One of the camp activities conducted together with the school children included Tree Walking which helped them to identify the major tree categories in their school campus. Members of NSS also took classes regarding natural resources and the importance to conserve and protect them. In the self employment classes, the student volunteers gave a demonstration on the setting up of a vegetable garden and also the importance of use of biofertilizers.

Gardens

Our institution is maintaining various gardens which inculcate in the mind of students the necessity of environmental conservation and protection.

- Nakshatra Garden
- Mother Mary Frances Medicinal Garden
- Green House
- Ornamental Garden
- Net House
- Fruit Garden

Evidence of Success

Classes given to school students on environment conservation have helped to raise the desire and passion to care for our living environment by adopting an environmentally-friendly lifestyle. In the implementation of these programmes, care is taken to ensure that the values of caring for the environment and conservation of water and energy are clearly communicated.

Problems Encountered and Resources Required

The major problems encountered in the implementation of the project were

- Mobilizing local women for various training programmes
- Insufficient funds