# Submission to NAAC



# Teaching Quality Feedback

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

SSSIIIL/19-20/172

November 25, 2019

The Dean
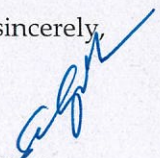Faculty of Sciences
SSSIHL
Prasanthi Nilayam Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Faculty of Sciences across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

Administrative Building, Prasanthi Nilayam - 515 134, Dist. Anantapur, A.P., India
Tel: +91 8555 287239 | Fax: +91 8555 286919 | registrar@sssihl.edu.in | www.sssihl.edu.in

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# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

November 25, 2019

The Dean
Faculty of Economics and Humanities
SSSIHL
Prasanthi Nilayam Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Faculty of Economics and Humanities across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
(Deemed to be University)

November 25, 2019

The Dean
Faculty of Management and Commerce
SSSIHL
Prasanthi Nilayam Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Faculty of Management and Commerce across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

SSSIHL/19-20/172                                                    November 20, 2019

The Dy. Director
SSSIHL
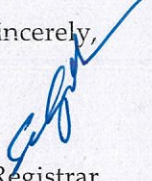Muddenahalli Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, in respect of all the Departments and Languages of your Campus for your kind perusal.

The Vice-Chancellor desires that in such case where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm dw regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

November 20, 2019

The Director
Brindavan Campus
SSSIHL
P O Kadugodi
Bangalore

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, in respect of all the Departments and Languages of your Campus  for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers  to improve quality of  their  teaching.

We would appreciate if action taken on this matter is communicated to the administration,  for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

SSSIHL/19-20/172                                                      November 20, 2019

The Director
Prasanthi Nilayam Campus
SSSIHL
Prasanthi Nilayam

Dear Sir ,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, in respect of all the Departments and Languages of your Campus  for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers  to improve quality of  their  teaching.

We would appreciate if action taken on this matter is communicated to the administration,  for information of the Vice-Chancellor.

With warm  regards,

Yours sincerely,

Registrar

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# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

SSSIHL/19-20/172                                                November 20, 2019

The Director
Anantapur Campus
SSSIHL
Anantapur

Dear Madam,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, in respect of all the Departments and Languages of your Campus for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely

Registrar

SSSIHL/19-20/172                                                    November 20, 2019

The Head
Department of Management and Commerce
SSSIHL
Brindavan Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Management and Commerce, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
(Deemed to be University)

November 20, 2019

The Head
Department of English
SSSIHL
Anantapur Campus

Dear Madam,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of English, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

November 20, 2019

The Head
Department of Economics
SSSIHL
Prasanthi Nilayam Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Economics, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campus in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely

Registrar

SSSIHL/19-20/172                                                November 20, 2019

The Head
Department of Education
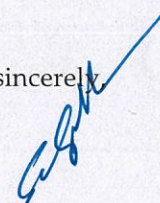SSSIHL
Anantapur Campus

Dear Madam,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Education, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm loving regards,

Yours sincerely

Registrar

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# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

SSSIHL/19-20/172

November 20, 2019

The Head
Department of Food and Nutritional Sciences
SSSIHL
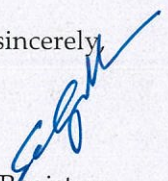Anantapur Campus

Dear Madam,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Food and Nutritional Sciences, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

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# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

November 20, 2019

The Head
Department of Mathematics and Computer Science
SSSIHL
Anantapur Campus

Dear Madam,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Mathematics and Computer Science, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

November 20, 2019

The Head
Department of Chemistry
SSSIHL
Brindavan Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Chemistry, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
(Deemed to be University)

November 20, 2019

The Head
Department of Physics
SSSIHL
Prasanthi Nilayam Campus

Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Physics, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

November 20, 2019

The Head
Department of Biosciences
SSSIHL
Brindavan Campus
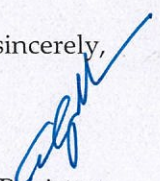
Dear Sir,

Please find embedded in the email conveying this letter, a link to the online teaching feedback for the previous semester, of all teachers of the Department of Biosciences, across the Campuses, for your kind perusal.

The Vice-Chancellor desires that in those cases where the teaching feedback indicates need for improvement, you may kindly take steps to provide constructive suggestions and support to the concerned teachers to improve quality of their teaching. If necessary, you may kindly visit the respective Campuses in this connection.

We would appreciate if action taken on this matter is communicated to the administration, for information of the Vice-Chancellor.

With warm regards,

Yours sincerely,

Registrar

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1/13

**SSSIHL**

**Teaching Feedback, Administrative Office, SSSIHL <teachingfeedback@sssihl.edu.in>**

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# Teaching Quality Feedback- Winter Semester- 2018-19

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**Teaching Feedback, Administrative Office, SSSIHL** <teachingfeedback@sssihl.edu.in>      Tue, Jun 4, 2019 at 12:37 PM
To: "Sri R Visveswar, Associate Professor, History, SSSIHL" <rvisveswar@sssihl.edu.in>

Dear Faculty Member,

The feedback given by students, for the subjects taught by you during the Winter Semester ( November 2018 to April 2019) can be viewed/downloaded from the following links:

Theory:

- [ PSN ] - Sri R Visveswar - Medieval India [UHIS-201, B A, Sem-2]
- [ PSN ] - Sri R Visveswar - Ancient Societies of Egypt, Mesopotmia and China [UHIS-401, B A, Sem-4]
- [ PSN ] - Sri R Visveswar - Modern World (1750-1945) [UHIS-601, B A English Major, Sem-6]
- [ PSN ] - Sri R Visveswar - Modern World (1750-1945) [UHIS-601, BA Eco Major, Sem-6]

For the purpose of security, the links can be viewed/downloaded only on the local campus network. Therefore,

 you are requested to access these links only from the computers at your campus during campus working hours.

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This is an automated e-mail message. Please do not reply directly. If you have any specific queries, you may kindly contact:

C. Venkataramanan, Dy. Manager (System) at cvenkataramanan@sssihl.edu.in / +91 9440781956 / +91 9989194939

K V R K Bhargav Asst. Manager (Admin.) at kvrkbhargav@sssihl.edu.in / +91 9989873296

**SSSIHL**                    **Teaching Feedback, Administrative Office, SSSIHL <teachingfeedback@sssihl.edu.in>**

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# Teaching Quality Feedback- Summer Semester- 2018-19

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**Teaching Feedback, Administrative Office, SSSIHL** <teachingfeedback@sssihl.edu.in>          Sat, Nov 24, 2018 at 2:38 PM
To: "Dr. V N S Malleswara Kota D, Asst. Professor, Biosciences, SSSIHL" <vnsmalleswaradkota@sssihl.edu.in>


Dear Faculty Member,

The feedback given by students, for the subjects taught by you during the Summer Semester (June 2018 to October 2018) can be viewed/downloaded from the following links:

Theory:

- [ BRN ] - Dr. V N S Malleswara D Kota - Biosciences - Invertebrata [UBIO-102, BSc (BioChem), Sem-1]
- [ BRN ] - Dr. V N S Malleswara D Kota - Developmental Biology (Embryology of Animals) [UBIO-302, BSc (BioChem), Sem-3]

Practicals:

- [ BRN ] - Dr. V N S Malleswara D Kota - Practical Course on Invertebrata [UBIO-104, BSc (BioChem), Sem-1]
- [ BRN ] - Dr. V N S Malleswara D Kota - Practical Course on Developmental Biology [UBIO-304, BSc (BioChem), Sem-3]


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This is an automated e-mail message. Please do not reply directly. If you have any specific queries, you may kindly contact:

C. Venkataramanan, Dy. Manager (System) at cvenkataramanan@sssihl.edu.in / +91 9440781956 / +91 9989194939

K V R K Bhargav Asst. Manager (Admin.) at kvrkbhargav@sssihl.edu.in / +91 9989873296

**SSSIHL**

**Teaching Feedback, Administrative Office, SSSIHL <teachingfeedback@sssihl.edu.in>**

# Teaching Quality Feedback- Summer Semester 2019-20

**Teaching Feedback, Administrative Office, SSSIHL** <teachingfeedback@sssihl.edu.in>    Mon, Nov 4, 2019 at 10:54 AM
To: "Sri Dinesh Kumar Choudhury, Asst. Professor, Economics, SSSIHL" <dineshkumarchoudhury@sssihl.edu.in>

Dear Faculty Member,

The feedback given by students, for the subjects taught by you during the Summer Semester ( June 2019 to October 2019) can be viewed/downloaded from the following links:

Theory:

1. [ PSN ] - Sri Dinesh Kumar Choudhury - Agricultural and Industrial Economy of India [PECO-104, MA (Eco), Sem-1]
2. [ PSN ] - Sri Dinesh Kumar Choudhury - Industrial Economy of India [PECO-303, MA (Eco), Sem-3]
3. [ PSN ] - Sri Dinesh Kumar Choudhury - Introductory Statistics [USTA-101, BSc (MES), Sem-1]
4. [ PSN ] - Sri Dinesh Kumar Choudhury - Introductory Statistics [USTA-101, BSc (MCS), Sem-1]

For the purpose of security, the links can be viewed/downloaded only on the local campus network. Therefore,

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C. Venkataramanan, Dy. Manager (System) at cvenkataramanan@sssihl.edu.in / +91 9440781956 / +91 9989194939

K V R K Bhargav Asst. Manager (Admin.) at kvrkbhargav@sssihl.edu.in / +91 9989873296

**AUM SAI RAM**

**Department of Management and Commerce**

**Report of action taken on Teaching Quality Feedback**

This report has been prepared in response to the letter of the Registrar, SSSIHL/18 - 19/172/3437 dated Jan 18, 2019, regarding action taken on Teaching Quality Feedback given by students during the odd-semester 2018-19.

The following steps were followed in this regard:

**STEP 1: Study of feedback:**

The feedback provided by the students across campuses and courses were studied in detail as shown in Table 1.

| COURSE | ATP | | MDH | | BRN | | PSN | | TOTAL | | GRAND |
|--------|-----|------|------|------|------|------|------|------|------|------|-------|
|        | Prac | Theo | Prac | Theo | Prac | Theo | Prac | Theo | Prac | Theo | TOTAL |
| B.Com (H) | 3 | 16 | | | 5 | 15 | | | 8 | 31 | 39 |
| BBA | 1 | 11 | 3 | 13 | | | | | 4 | 24 | 28 |
| MBA | 5 | 14 | | | | | 6 | 20 | 11 | 34 | 45 |
| TOTAL | 9 | 41 | 3 | 13 | 5 | 15 | 6 | 20 | 23 | 89 | 112 |

As can be seen from Table 1, a total of 112 feedback reports were studied in detail. Each report was analyzed based on the quantitative and qualitative data available in the report.

**STEP 2 - CONCERNS ANALYSIS**

The key concerns raised by the students were listed for further detailed study. These include:

1. Key topics need to be discussed more comprehensively.
2. More numerical problems can be dealt in the class
3. Clarity in teaching the concepts can be improved
4. Oral communication can be improved.
5. Assignments can be well spaced.
6. Trial and error should be avoided while teaching problems
7. It is not preferable to cover the entire syllabus through seminars.
8. It would be useful to have an introduction by the teacher before seminars.
9. Preferable to follow a prescribed text book.
10. The teacher should be prepared to answer questions
11. Seminar presentations can be had at timely intervals rather than at the end
12. The teacher should not go off tangentially to other topics while teaching a concept.

## STEP 3 – ADDRESSING THE CONCERNS

All the teachers about whom a key concern had been raised were personally contacted and appraised of the concerns. The teachers kindly responded and are eager to address these concerns. The faculty have proposed specific plans of action to work on the concerns raised by the students. They have assured that they will make improvements to their teaching methodology and ensure that there would be a visible improvement in the student feedback in the ongoing semester.

## Department of Management and Commerce

### Report of action taken on Teaching Quality Feedback

This report has been prepared in response to the letter of the Registrar, SSSIHL/18 - 19/172/3437 dated Jan 18, 2019, regarding action taken on Teaching Quality Feedback given by students during the odd-semester 2018-19.

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### STEP 1: Study of feedback:

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| COURSE | Number of feedback reports studied | | | | | | | | | | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | ATP | | MDH | | BRN | | PSN | | TOTAL | | |
| | Prac | Theo | Prac | Theo | Prac | Theo | Prac | Theo | Prac | Theo | |
| B.Com (H) | 3 | 16 | | | 5 | 15 | | | 8 | 31 | 39 |
| BBA | 1 | 11 | 3 | 13 | | | | | 4 | 24 | 28 |
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### STEP 2 – ADDRESSING THE CONCERNS

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### Teacher 1

*Concerns*

Clarity in  teaching the concepts can be improved

More numerical problems can be dealt in the class

## Action taken

The teacher has contacted the corresponding faculty handling that paper in the other campus and learnt how to teach concepts more clearly. The notes and numericals of the other campus faculty has been taken for class solving purposes.

## Teacher 2

### Concern

Oral communication can be improved

### Action taken

The concerned teacher has been adviced to speak slowly in the class. The teacher has been specifically told to speak in complete sentences. The teacher has responded that attempts have been made to improve communication and students have appreciated the attempt.

## Teacher 3

### Concern

Assignments can be well spaced.

Trial and error should be avoided while teaching problems

Exercise problems need to be solved

### Action taken

The concerned teacher has planned to solve more exam problems compared to illustrations in the class. The teacher has interacted with the HOD on improving the pedagogy. The teacher has communicated that the student response has improved in the recent times.

## Teacher 4 & 5

### Concern

.It is not preferable to cover the entire syllabus through seminars.

It would be useful to have an introduction by the teacher before seminars.

### Action taken

The concerned teachers have noted the feedback and have appropriately planned the pedagogy.

## Teacher 6

### Concern

Preferable to follow a prescribed text book.

The teacher should be prepared to answer questions

Seminar presentations can be had at timely intervals rather than at the end

Key topics need to be discussed more comprehensively

### Action taken

The concerned faculty has started taking weekly feedback from students. The teacher has found improvement in the feedback received.

## Teacher 6

### Concern

The teacher should not go off tangentially to other topics while teaching a concept.

### Action taken

The teacher has been informed of this and has assured the HoD that the pedagogy will be reviewed to ensure that the concern is addressed appropriately.

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

SSSIHL/18-19/172 | 4881.

April 9, 2019

The Head
Department of Management and Commerce
Sri Sathya Sai Institute of Higher Learning
Brindavan Campus

Dear Sir,

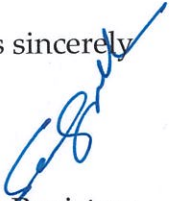This has reference to your email dated 12th March, 2019 regarding action taken on teaching quality feedback.

We request you to kindly specify the names of the teachers.

With warm regards,

Yours sincerely

Registrar

1/409

Administrative Building, Prasanthi Nilayam - 515 134, Dist. Anantapur, A.P., India
Tel: +91 8555 287239 | Fax: +91 8555 286919 | registrar@sssihl.edu.in | www.sssihl.edu.in

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
### (Deemed to be University)

*9673*
*3.1.1*

Dr. C N Sundaresan
**Head,** Dept. of **Chemistry**

29.01.2019

To:

The Registrar,
Sri Sathya Sai Institute of Higher Learning,
Prasanthi Nilayam.

Dear Dr. Sai Giridhar,

Ref: SSSIHL/172/3512   dated 24th Dec 2019

For the following Chemistry faculty members, from the feed back questionnaire given by students , there were some comments which needs to be addressed in teaching the papers as mentioned below

1. Dr. B Siva Kumar (PSN campus)    Paper  PCHM 304  Elective (ii) Theory and Applications of Physical methods in Chemistry
2. Dr. J Kiran Kumar( BRN campus)    Paper UCHM 101  Principles of  Structure and bonding
3. Dr. A. Sunil        ( BRN campus)   Paper UCHM  101 Principles  of  Structure and bonding

**Dr. B Siva Kumar  ( PCHM 304 )**

In the syllabus covered by Dr. B Siva Kumar. 7 units were given as seminar topics across 6 students. On enquiry, he mentioned that the time needed to complete the remaining syllabus was not adequate and hence there were some deficiencies in teaching. He was advised to address the issues with seriousness and also to seek help from Senior Professors regarding comprehensive coverage, reinforcement of ideas , providing a broad perspective and  in-depth understanding of the subject.

The concerned teacher pointed out that teaching feedback mechanism with just the questioner is sufficient  and students should not be given a free hand to comment as they are mostly biased and not objective. Also he strongly feels that an elder in the Department or the Vice-chancellor himself should attend the classes and give a direct feedback about teaching at the PG level apart the students.

The PG students in Chemistry have strongly opined  in the feedback questionnaire on the reduction in the number of seminars presented ( currently it is 85 for the second MSc Chemistry students).They have also

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Brindavan Campus, Kadugodi P.O., Bengaluru - 560067, Karnataka, India
Tel: +91 80 28452329 | hodchemistry@sssihl.edu.in | sssihl.edu.in

mentioned that a sizable part of the syllabus are covered through seminars and so much time is taken for presenting the 85 seminars. They feel they will be not be hard pressed for time and understanding the subject becomes very clear, if this long pending issue is resolved.

### Dr J Kiran Kumar  ( UCHM 101)

The feedback over the past few years has been consistently good but this is the first time that the feedback was not up to the mark. Though Dr J'Kiran Kumar has been teaching many chapters from this paper for more than five years , there were no critical  comments earlier. This paper which is a slightly revised version of the UCHM 101 of the BSc old syllabus is being taught as a part of  the new  BSc Hons syllabus Issues regarding reinforcement of key ideas, passion in the subject  questioning techniques, broad perspectives of subject, comprehensive coverage were mentioned. The concerned teacher was surprised that though they had taught several chapters earlier, the current batch seems to have some issues. He said he would he would relook and reorient his way of teaching to address the issues raised by this batch. He is teaching the same batch of students now with renewed vigor and enthusiasm keeping in mind the needs and expectations of the students. He very often seeks guidance from Dr Narahari on various aspects of teaching.

### Dr A Sunil        (UCHM 101)

For the past five years since he has been teaching many subjects with very good feedbacks and he is surprised to get a feedback with several issues raised this time. His feed back in third Semester Chemistry paper has been very good, but there were some comments about his teaching UCHM 101. He has been advised to seriously take note of the feedback given in UCHM 101 and reorient his style of teaching depending on the type of students in each class. Since the first year Chemistry students are from diverse backgrounds and from different schools across India, there is a wide spectrum of students in the class-ranging from poor to very intelligent students. He has been appraised to adapt to the demanding needs of this diverse nature of students. He has been constantly taking guidance from Dr K S Narahari (who has over 35 years of teaching this course) on various aspects of teaching-regarding comprehensive coverage, reinforcement of ideas, providing a broad perspective and in-depth understanding of the subject. Last semester, he said he had nearly 24 hrs of workload every week and this too led to some stress. He is now gearing

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up with renewed vigor to give his best to make teaching more dynamic by reorienting it to the demands of each batch of students.

I strongly feel that it would be beneficial, if Senior teachers take a few classes across campuses through Video conferencing. The Chemistry students across campuses will gain a lot through this endeavor.

Regards,

Sundaresan

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# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
(Deemed to be University)

Dr. B Sai Giridhar
**REGISTRAR**

No. SSSIHL/2018-19/BRN/78/ 3603.        1st February, 2019.

Dear Dr. Kiran Kumar,

Based on the feed back received from the students, we would like to meet you on 4th February, 2019 at 11.00 a.m. in the Administrative Office to identify areas where you need support.

We request you to kindly make it convenient to attend the meeting on 4th February, 2019.

With warm regards,

Yours sincerely,

Registrar

Dr. J. K. Kiran Kumar,
Assistant Professor,
Dept. of Chemistry,
SSSIHL,
Brindavan Campus.

CC : The Director, SSSIHL, Brindavan Campus.

Dr. B Sai Giridhar
**REGISTRAR**

No. SSSIHL/2018-19/PN/A166/ 3602      1st February,  2019.

Dr. B. Siva Kumar,
Associate Head,
Department of Chemistry,
SSSIHL,
Prasanthi Nilayam Campus.

Dear Sir,

Based on the feed back received from the students, we would like to meet you on 4th February, 2019 at 10.30 a.m. in the Administrative Office to identify areas where you need support.

We request you to kindly make it convenient to attend the meeting on 4th February, 2019.

With warm regards,

Yours sincerely,

Registrar

CC : The Director, SSSIHL, Prasanthi Nilayam Campus.
CC : The Assistant Director (Administration), PN Campus.

Dr. B Sai Giridhar
**REGISTRAR**

No. SSSHL/2018-19/17/3610·                    1st February, 2019.

The Head,
Department of Chemistry,
SSSIHL,
Brindavan Campus.

Dear Sir,

Based on the feedback received from students, we would like to meet the following faculty against the time indicated on 4th February, 2019 in the Administrative Office of the Institute to identify certain areas where they need support.

1) Dr. B. Sivakumar          10.30 a.m.
2) Dr. J. K. Kiran Kumar     11.00 a.m.
3) Dr. A. Sunil              11.15 a.m.

We request you to kindly make it convenient to attend the meeting.

With warm regards,

Yours sincerely,

Registrar

CC : The Director, SSSIHL, Brindavan Campus

SSSIHL/18-19/172/3607                                    February 1, 2019

The Controller of Examinations
Sri Sathya Sai Institute of Higher Learning
Prasanthi Nilayam

Dear Sir,

Based on the feedback received from students, we would like to meet
the following faculty on 4th February, 2018 in the Administrative Office
of the Institute to identify certain areas where they need support.

| | |
|---|---|
| Dr. Ajith Padyana | 10 a.m. |
| Dr. B. Sivakumar | 10.30 a.m. |
| Dr. J K Kiran Kumar | 11 a.m. |
| Dr. A Sunil | 11.15 a.m. |

We request you to kindly make it convenient to attend the meeting.

With warm regards,

Yours sincerely

Registrar

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Prof. G Nageswara Rao
**Dean,** Faculty of **Sciences**

Prasanthi Nilayam,
Dt. 19-12-2019

To,
The Registrar,
Dear Sir,

 Subject: Teaching quality Feedback-Science departments.
Ref.: Your letter SSSIHL/19-20/172 dated 25-11-2019.

Sairam. I have gone through the Teaching Quality Feedback of all the faculty in the Science departments. In most of the cases the feedback is good and in some cases it is exceptionally good. I have written mails to each department in every campus about their good performance. However, in some cases there is scope for improvement. In such cases I interacted with the teacher concerned by directly talking or by phone call or by mail. The response from such teachers is good. They have expressed their commitment to improve in teaching.

The reasons for poor performance are: the teacher teaching that paper for the first time / teacher was busy with research work (in case of teacher research scholars-only two in this category- these have completed the Thesis work now). In one case a visiting faculty could not take classes as per the schedule. This factor has been taken care of in this semester.

The teaching quality feedback about visiting faculty and Teacher Research scholars in most of the cases is also good.

The computer systems in DMACS at MDH campus may be requiring upgradation.

Yours faithfully,

*G. Nageswara Rao*

Prof. G.Nageswara Rao.

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Dr. B Sai Giridhar
**REGISTRAR**

No. SSSIHL/2018-19/MDH/A 9/ 3601.           1st February, 2019.

Dear Dr. Ajith Padyana,

Based on the feed back received from the students, we would like to meet you on 4th February, 2019 at 10 a.m. in the Administrative Office to identify areas where you need support.

We request you to kindly make it convenient to attend the meeting on 4th February, 2019.

With warm regards,

Yours sincerely,

Registrar

Dr. Ajith Padyana,
Assistant Professor,
Department of Mathematics and Computer Science,
Muddenahalli Campus.

CC : The Director, SSSIHL, Muddenahalli Campus
CC : The Deputy Director, SSSIHL, Muddenahalli Campus.

# Submission to NAAC

# AAAC

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
## (Deemed to be University)

## Report of the meeting of Academic and Administrative Audit Committee (AAAC) held on 18th and 19th December 2019

## I.

**Members Present:**

**On 18th December 2019 (Wednesday)**

| Day-1: | Time | Event(s) |
|---|---|---|
| | | Directly reaching Anantapur Campus from Bangalore |
| **Session – 1:** <br> Team <br> Prof. S Chandrasekaran <br> Prof. R Ravikumar <br> Prof. K Gayithri | 9.30 a.m. <br><br> 9.30 to 10.00 a.m. <br><br> 10.00 to 10.45 a.m. <br> 10.45 to 11.15 a.m. <br> 11.15 to 12.15 p.m. | **Visit to Anantapur Campus:** <br><br> Meeting with Director, Heads and Associate Heads <br> Meeting with Anantapur Campus Students <br> Meeting with Faculty members <br> Meeting with Non-Teaching Staff |
| | Lunch Break | After lunch travel to PrasanthiNilayam at 1 p.m. |
| **Session – 2:** <br> Team <br> Prof. S Chandrasekaran <br> Prof. R Ravikumar <br> Prof. K Gayithri | 2.30 p.m. <br><br> 2.30 to 3.00 p.m. <br><br> 3.00 to 3.45 p.m. <br><br> 3.45 to 4.15 p.m. <br> 4.15 to 4.45 p.m. | **Visit to PrasanthiNilayam Campus:** <br><br> Meeting with Director, Deans, Heads and Associate Heads <br> Meeting with PrasanthiNilayam Campus Students <br> Meeting with Faculty members <br> Meeting with Non-Teaching Staff |
| | Dinner | Returning to ShanthiBhavan, PrasanthiNilayam by 5.30 p.m. |

| Day-2: | Time | Event(s) |
|---|---|---|
| | | **Starting from PrasanthiNilayam at 7.00 a.m.** |
| **Session – 3:**<br>Team<br>Prof. S Chandrasekaran<br>Prof. S Ramasesha<br>Prof.Polani B Seshagiri<br>Prof. R Ravikumar<br>Prof. K Gayithri | 9.30 a.m.<br><br>9.30 to 10.00 a.m.<br>10.00 to 10.45 a.m.<br>10.45 to 11.15 a.m.<br>11.15 to 12.15 p.m. | **Visit to Muddenahalli Campus:**<br><br>Meeting with Director and Associate Heads<br>Meeting with Muddenahalli Campus Students<br>Meeting with Faculty members<br>Meeting with Non-Teaching Staff |
| | Lunch Break | After lunch travel to Brindavan Campus at 1 p.m. |
| **Session – 4:**<br>Team<br>Prof. S Chandrasekaran<br>Prof. S Ramasesha<br>Prof.Polani B Seshagiri<br>Prof. R Ravikumar<br>Prof. K Gayithri | 2.30 p.m.<br><br>2.30 to 3.00 p.m.<br><br>3.00 to 3.45 p.m.<br>3.45 to 4.15 p.m.<br>4.15 to 4.45 p.m. | **Visit to Brindavan Campus:**<br><br>Meeting with Director, Heads and Associate Heads<br>Meeting with Brindavan Campus Students<br>Meeting with Faculty members<br>Meeting with Non-Teaching Staff |
| | | |

# II.

Details of the members of AAAC:

1) Prof. S Chandrasekaran, INSA Distinguished Professor, Department of Organic Chemistry, Indian Institute of Science, Bengaluru 560012, Mob: +91-9886088344, Fax: 0802360-2423, Email: scn@iisc.ac.in chandraorgchem@gmail.com

2) Prof. S Ramasesha, INSA Senior Scientist and Honorary Professor, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560012, Email: ramasesh@iisc.ac.in Phone: Office: 080-22932925, Residence: 080-23602068, Mobile: +91-9845212356

3) Prof. Polani B. Seshagiri, Professor, Department of Molecular Reproduction, Development and Genetics (MRDG), Indian Institute of Science, Bengaluru 560012, Email: polani@iisc.ac.in Phone: 080-22932687, Fax: 080-2360099, Mobile: +91-9880194910

4) Prof. R Ravikumar, Retired, Indian Institute of Management, 373, 14ᵗʰ Main, ShanthiNiketan, Arekare, Bengaluru, Karnataka 560076, Email: rrk@iimb.ernet.in Ph.: +91-9742221331

5) Prof. K Gayithri, Centre for Economic Studies and Policy, Institute for Social and Economic Change, Nagarabhavi, Bangalore - 560072, Tel.: 080-23215468, 23215519(works), 23424548(home), Fax: 080-23217008, Mobile: +91-9900027058. Email: gayithri@isec.ac.inkgayithri@hotmail.com

Prof. B Sai Giridhar, Registrar of Sri Sathya Sai Institute of Higher Learning (Deemed-to-be-University) acted as Coordinator for AAAC.

## III. Report

Based on the discussions that we had in all the four Campuses following is the report from the members of the Academic and Administrative Audit Committee (AAAC) held on 18th and 19th December 2019:

### Basic Information

Sri Sathya Sai Institute of Higher Learning (SSSIHL) is a manifestation of the vision of value based integral education of the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba to develop students into professionally sound, socially responsible and spiritually aware individuals. This is a modern *Gurukula* where academic excellence and all round personality development go hand in hand. A unique feature of the institute is that it offers **free education to all its students** irrespective of caste, creed, region, and religion across all the courses of study.

| 1. | Government of India Notification No. & Date declaring as an Institution Deemed to be University | No.F.9-11/81-U.3, Govt of India, Ministry of Education & Culture (Department of Education), New Delhi, dt.10th Nov 1981 |
|----|----|----|
| 2. | Off-campuses, their Notification No. & date of approval | (i) Sri Sathya Sai Institute of Higher Learning, PrasanthiNilayam Campus for men **(Main Campus)**, PrasanthiNilayam, Andhra Pradesh. Notification No. & Date – No.F.9-11/81-U.3 dated 10th November, 1981 <br><br> (ii) Sri Sathya Sai Institute of Higher Learning, Anantapur Campus for women **(Off-campus)**Anantapur, Andhra Pradesh. Notification No. & Date – No.F.9-11/81-U.3 dated 10th November, 1981 <br><br> (iii) Sai Institute of Higher Learning, Brindavan Campus for men **(Off-campus)**, Kadugodi, Near Whitefield Railway station, Bangalore, Karnataka - No. |

| | F.9-11/81-U.3 dated 14th Sept 1982. |
|---|---|
| | (iv) Sri Sathya Sai Institute of Higher Learning, Muddenahalli Campus for men **(Off-campus)**, Muddenahalli, Sathya Sai Grama, Chickballapur District, Karnataka - No.F.10-7/2010-U3A dated April 2012. |

**List of Programmes offered in the Institute:**

1. Under Graduate Programme:

| 1 | Bachelor of Arts | PSN, ATP |
|---|---|---|
| 2 | Bachelor of Arts (Hons.) in Economics | PSN |
| 3 | Bachelor of Science (Hons.) in Biosciences | BRN, ATP |
| 4 | Bachelor of Science (Hons.) in Chemistry | BRN, ATP |
| 5 | Bachelor of Science (Hons.) in Computer Science | MDH |
| 6 | Bachelor of Science (Hons.) in Economics | PSN |
| 7 | Bachelor of Science (Hons.) in Mathematics | BRN, ATP |
| 8 | Bachelor of Science (Hons.) in Physics | BRN, ATP |
| 9 | Bachelor of Science in Food and Nutritional Sciences | ATP |
| 10 | Bachelor of Commerce (Hons.) | BRN, ATP |
| 12 | Bachelor of Business Administration | MDH |
| 13 | Bachelor of Education | ATP |

2. Post Graduate Programme:

| 1 | Master of Business Administration | PSN, ATP |
|---|---|---|
| 2 | Master of Technology in Computer Science | PSN |
| 3 | Master of Technology in Optoelectronics & Communications | PSN |
| 4 | Master of Arts in Economics | PSN |
| 5 | Master of Arts in English Language & Literature | ATP |
| 6 | Master of Science in Biosciences | PSN, ATP |
| 7 | Master of Science in Chemistry | PSN |
| 8 | Master of Science in Data Sciences and Computing | MDH |
| 9 | Master of Science in Food and Nutritional Sciences | ATP |
| 10 | Master of Science in Mathematics | ATP, PSN |
| 11 | Master of Science in Physics | PSN |

3. Research Programme:

| | |
|---|---|
| 1 | Economics |
| 2 | English Language & Literature |
| 3 | Biosciences |
| 4 | Chemistry |
| 5 | Computer Science |
| 6 | Food and Nutritional Sciences |
| 7 | Materials Science |
| 8 | Mathematics |
| 9 | Management and Commerce |
| 10 | Nanoscience and Nanotechnology |
| 11 | Physics |

4. Post – Doctoral Programme
   Departments: Chemistry, Biosciences, Physics

   PSN – PrasanthiNilayam Campus
   ATP – Anantapur Campus
   BRN – Brindavan Campus
   MDH – Muddenahalli Campus

| Land available | ATP | PSN | MDH | BRN | Admini-strative Office | Total |
|---|---|---|---|---|---|---|
| Acres | 115.23 | 57.33 | 14.22 | 35.55 | 1.3 | 223.6 |

| Faculty of | Mus | UG | PG | PP | RP | Tot |
|---|---|---|---|---|---|---|
| Arts | 31 | 114 | 30 | 14 | 12 | **201** |
| Science | | 481 | 167 | 34 | 91 | **773** |
| Management and Commerce | | 314 | | 100 | 15 | **429** |
| **Total** | **31** | **909** | **197** | **148** | **118** | **1403** |

   UG – Undergraduate Programmes
   PG – Postgraduate Programmes
   PP – Professional Programmes
   RP – Research Programmes

**Report on Anantapur Campus:**

The Anantpur campus of SSIHL is an all-women campus established in 1981. It has undergraduate programs in Arts, Biosciences, Chemistry, Mathematics, Physics, Commerce and Education and postgraduate studies in subjects such as Business Administration, Biosciences, Food& Nutritional Sciences. It is mostly a teaching institution with a little bit of research interest. After discussion with the Faculty and Students of the campus it was clear that the faculty members are a group of dedicated and passionate teachers who are keen to impart high quality education and discipline to the student community. They are ambitious and want to grow bigger by adding more faculty and introduce new courses in the curriculum. Their enthusiasm needs to be appreciated. The infrastructure facilities on the Anantpur campus may not be adequate to take up research projects that they want to pursue. They are dependent on the Main campus for use of sophisticated equipment needed for research.

The students in general are extremely happy with the academic programs offered by the campus and the extracurricular activities available to them.

The committee is of the opinion that the efforts of the faculty should be appreciated and the administration may want to hire more faculty to meet the increasing demands of the community. It is also important that the students and faculty of the campus be exposed to lectures by experts from other institutions in all areas of science and humanities.

**Report on PrasanthiNilayam Campus:**

The Main Campus of Sri Sathya Sai Institute of Higher Learning, PrasanthiNilayam for men has been in existence since November, 1981. This campus has a small undergraduate program in Economics and Arts and the majority of the programs are in postgraduate education covering subjects such as Business Management, Economics, Computer Science, Optoelectronics & Communications, and the other science subjects. Additionally, the campus offers PhD programs in bioscience, food & nutritional science, nanoscience & technology, material science and other science subjects. The major emphasis of work in this campus is on postgraduate teaching and research. The Committee had extensive interaction with the faculty and students of all disciplines. It is apparent that all the faculty are sincere, dedicated and are capable of motivating young students. The syllabus covered in all the courses is quite modern and is in tune with some of the best teaching institutions in the country. The students are

generally very happy with the quality of teaching. This institution produces some of the best postgraduate students of the university system.

While some of the faculty are keen to pursue advanced research in science and related subjects, the extramural research funding from sponsoring agencies has to go up substantially to increase the profile and visibility of the university. In recent years a lot of infrastructure in terms of research laboratories and analytical /instrumentation facilities have been added to strengthen the research culture of the institution, mostly by in-house funding. The committee is of the opinion that the instrumentation facilities of this campus are one of the best in the state university system. Therefore, it is imperative that the faculty and students make optimal use of these facilities in the coming years to enhance the quality of research output with high quality publications in journals of international repute.

The students and faculty need to have more exposure / interaction with other experts / institutions of higher learning both with in the country and outside.

Report on Muddenahalli Campus:

The campus in MuddenaHalli offers courses in MCA, BBA and MSc (data sciences and computing). The courses are too specialized and it was felt that there should be some pure science courses such as physics, chemistry and biology. The faculty also does not have enough time to carry out research projects and it was felt that the faculty will benefit from study leave and sabbatical. While interacting with the faculty, it was felt that they are somewhat complacent and that there should be greater interactions with outside institutions to stay abreast of the recent developments. Many BBA students lacked mathematics background. It was felt that corrective measures should be taken in this regard, both while recruiting students and after they join the programmes. Students seemed happy and were satisfied with both academic and extracurricular activities. The staff was quite dedicated and had well-maintained all the facilities.

Report on Brindavan Campus:

The presentations by department heads in Brindavan campus on ongoing programmes were good. The coverage of topics at the undergraduate curriculum also is quite extensive. The teachers need more exposure and should also use material available on the web to supplement their teaching. The students should be encouraged to take up summer fellowship programs

**such that offered by the Academies of Sciences. There should also be seminars given by students on topics outside their curriculum. The faculty should take initiative in applying for external funding for their research and collaborate also with institutes outside of the SSSIHL umbrella. The faculty should be facilitated to attend short term workshops at least once a year. This will help in country-wide interactions of the faculty.**

**Summary:**

Overall, to improve the quality of research in the SSSIHL institutions, it is necessary that the faculty are encouraged to interact with faculty outside of their sister institutes. They should also be encouraged to visit other institutes for short term collaborations, such as during summer vacations. A sabbatical system should be put in place to help periodically reorient within the specialized areas of research the faculty wish to undertake.

**Epilogue:**
**SSIHL is a unique institution of higher learning unlike many other universities in the country. The system apart from providing quality education takes into account the physical, emotional, social and spiritual wellbeing of the students via a holistic approach. This needs to be appreciated and nurtured in the long run.**

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Prof. S Chandrasekaran, INSA Distinguished Professor, Department of Organic Chemistry, Indian Institute of Science, Bengaluru – Chairman of AAAC

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Prof. S Ramasesha, INSA Senior Scientist and Honorary Professor, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru
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No inputs received

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Prof.Polani B. Seshagiri, Department of Molecular Reproduction, Development and Genetics (MRDG), Indian Institute of Science, Bengaluru

------No inputs received---

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Prof. R Ravikumar, Retired, Indian Institute of Management, 373, 14th Main, ShanthiNiketan, Arekare, Bengaluru, Karnataka

--No inputs received_____

Prof. K Gayithri, Centre for Economic Studies and Policy, Institute for Social and Economic Change, Nagarabhavi, Bangalore

## IV. Detailed  Discussions of the Committee

### Visit to Anantapur Campus

### Interaction with Director, Heads and Associate Heads

The meeting started with a prayer.

Registrar introduced all the members and the purpose of this meeting to the Director, HoDs and Associate Heads of all departments.

Prof. S Chandrasekaran has requested the members to introduce themselves and explain the courses offered, facilities, projects sponsored by the Institute & other agencies, students JRF, NET & competitive examinations and share their views freely.

Prof. Gayithri enquired about conference proceedings and papers published at in-house level.

The Director of the Campus explained about the campus.

The Head, FNS (Food and Nutritional Sciences) said in 1976 BSc and MSc, with speicialization in FSN, PhD were started, in PhD 3 to 4 students join every year, and Presently 7 Ph.D. students are enrolled. She said Dissertations in MSc, are encouraged to go for internship, and 3 to 6 internship students availed. The primary requirement for competitive examinations is the structured syllabus and training students at various level. Students go to SSSIHMS and Research institutions, for doing projects along with HOD and concerned faculty for doctoral research. Students employed in NGO, and some reputed companies. Publications in peer reviewed journals, 7 to 8 per year.

Projects from UGC, ICMR etc.

Chairman enquired financial support of research scholars by fellowship.

HoDFNS- Not yet, they have cleared only LS,

Chairman said we need to have more NET, Fellowship should be attached, for a research department.

Head, FNS said they have conducted workshops, international conferences and visited USA, South Africa etc.

Chairman enquired about the number and the participants details.

Head, FNS said- International level conference with 200 participants of both India and abroad. ICMR funding and supported by SSSIHL. The faculty went to Vienna supported by Atomic energy along with two research scholars. Supported by an outside agency.

Prof. Gayitri enquired whether Conference proceedings have been published and circulated?

Head, FNS said No in-house publications, soft and hard copy were circulated to NIM, ICMR from FNS FT

Prof. Gayitri said you should try to involve publishers from outside.

Head, FNS noted the suggestion and said we have 4 minor projects and 1 major project.

Prof. Gayitri enquired about assistance needed or your students assist you? She also suggested that these projects should be published.

Dr.(Mrs.) Rita Gupta explained about various courses that are offered such as BSc.(Hons),MSc(Mathematics) was introduced in 2018-19, and PhD two years back. Three have enrolled for PhD, 2 have cleared NET.

Dr.(Ms) PL Rani, Head, Department of English Language & Literature explained about various courses offered such as General English and Additional English as second language, BA(Optional English), MA (English Language & Literature) and 7 PhD research scholars.

Chairman asked if English is compulsory for the students regarding Communication?

HoD English- General English is offered for all the students. Oral communication also is imparted as a compulsory component.

Dr.(Ms.) Suma, Department of Management and Commerce- The department started in 1975 with B.Com, and MBA in 2014 for women candidates.

11 teachers, 7 PhD, and others in pipeline. 6 NET qualified, 50 experts from industry, Industrial visits such as TVS, M& M, TAFE and service organisation. The department conducts Rural and Industrial visits. In the current year, 6 workshops were conducted on Psychometrics, Women at work, M&A. Generally all students

prefer jobs, very few apply for NET. The organizations are SCOPE, Delliote, EY, YESbank, and 1 research scholar enrolled in 2017. Students don't join for PhD as more are interested in industry.

Prof. Gayitri- Is the syllabus prepared with the industry tie up, and is MBA also for boys?

The answer was in the affirmative.

Dr.(Mrs.) P Lavanya, Head, Department of Education said only B.Ed. is offered and we have 2 scholars at present. Norms of NCTE are followed, having internship for 20 weeks in Sri SathyaSai Primary and Higher Secondary School at Prasanthi Nilayam is used. Students are well placed in international schools. The course contains Value based lesson plan.

Dr.(Mrs.) Rajni Bhandari, Head, Department of Chemistry said they have 4 faculty members. PhD students and Post Doc in enrolled in 2017 funded SERB. One research scholar by DSIR Completed. PhD abroad and one from IIT, Hyderabad.

Chairman enquired about projects from the faculty. The Head, Chemistry said 2 were completed.

Dr.(Ms.) M R Geetabala –We have 35 students in BA(Economics). She requested for introducing Honours Programme at Anantapur Campus too with one more additional faculty.

Dr.(Ms) Deepa Seetharaman, Associate Head, Department of Physics explained about courses offered such BSC MPC

Chairman- Hons. leading to Honours in Physics. She explained about the Honours programme as enquired by the Chairman. Student do 5 papers in 5 and 6 semesters and totally 30 papers in the final year. Open ended experiments as a research component exists. There are 2 Ph.Ds at present. Two years back we had scholars in materials science, Nano and water analysis. The new CRL and CRIF is of immense help.

Ms. Isha Sai, Department of Biosciences explained about the courses offered such as BSc(Hons) in Biosciences and MSc(Biosciences). The M.Sc programme offers dissertations. The department has 4fulltime regular faculty, two with PhD and one visiting faculty.

Director of the campus said the department of Biosciences also take these environmental sciences paper which are compulsory. Biotechnology is part of UG

and PG programmes.

After all the deliberations from the department the Chairman requested the members to tell something that you all want to do but not able to do. Which we need to tell the VC something which has to be strengthened.

Director of the Campus said most of the requirements have been answered.

Chairman enquired that you want to do something different from what you are doing now?

Director of the Campus said we have CRL (Central Research Laboratory) gives basic infrastructure for Research work.

Dr.(Ms.) U Suma said the Lab facilities are adequate for MBA Programme which were recently upgraded.

Head, Department of English Language & Literature said we are equipped with Language lab.

Chairman again enquired are you happy and nothing needs to be done.

Director enlisted the equipment of the departments of FNS and Chemistry which has already been looked into.

Chairman then enquired about the availability of faculty is adequate for teaching and research.

Head, Department of English Language & Literature said this is a major concern and we get quality faculty slowly due to lack of availability of good applicants.

Ms. Isha Sai, Department of Biosciences said number of interviews or have been conducted to get suitable faculty.

Prof. Gayitri enquired about Guest faculty.

Head, Department of English Language & Literature said we use the skype facility through multimedia learning centre.

Chairman then enquired about the Courses offered, are you overloaded, or no classes or students to teaching.

Suma- System needs high load i.e., along with academics the integral items are also

taken care.

Dir- Integral items are taken care by the teachers for both UG and PG.

Head, Department of English Language & Literature said we are gladly ready to do aspects other than the academics of the University curriculum.

Registrar said we take part time faculty till we find a good faculty.

Dr.(Ms.) M R Geetabala has requested for introducing Honours Programme at Anantapur Campus too with one more additional faculty.

Prof. Gayitrisaid the Research also should be strengthened.

Dr.(Mrs.) Rajni Bhandari, Head, Department of Chemistry said if we have M.Sc. Programme we need more hands and infrastructure needs to be upgraded.

Prof. R Ravikumar said it is evident that you all have more load but don't feel it.

Chairman suggested that Integrated Masters programme should be offered for all subjects.

Prof. R Ravikumar said PG in Prasanthi Nilayam Campus is unfair, and Why not for other department too.

Chairman said this campus should be like PSN w.r.t. PG.

Dr.(Ms) Suma said women have to relocate themselves with their family. This slows down the appointment process.

Chairman said there are lot of well qualified people, Jobs are scarce in this country. 20 years from now where are you, you should have the vision. You have good infrastructure.

Registrar said there is lot of constraints of appointing women faculty.

Prof. Gayitri enquired about Women studies.

Head, Department of English Language & Literature said MA has women studies.

The meeting ended.

After this meeting, the students were called from all programmes of study.

# Interaction with Students

Chairman invited all the students and enquired- All of you are from UG, PG, PP, and PhDprogrammes of study. Discuss about Academic, Syllabus, Teaching, are you happy, Class room, Labs, please tell us about them. Something you want to share or give critical feedback about programs and other aspects of student life.

Chairman said are you all happy?

Student-1: BA- Everything-Academics, extra-curricular activities help us immensely in our lives. The teachers are good. We make small groups and discuss with teachers with time and opportunity all the issues. They make sure we learn that what they teach. Institute Philosophy is great. Basics are clear. SSSIHL has helped us, they make us learn. Teachers are in the hostel, all the time. Not only in working hours. Dining hall, any other place, very responsive wherever they are.

Prof. Gayitri- Are there extra time to go to the library is available.

Free hours and library hours are there in time-table. The teachers make us to go deeper, if we are interested, they help us. The librarian helps us. The teachers help us a lot.

Chairman said is the Library well equipped or not?

Student said presently the Library is under renovation and will be ready in few months.

After B.Com.(Hons.), I went for CA. I came for MBA now. I made use of those books in the library. I didn't take any coaching the library helped.

Student-2: BA 3rd year- Syllabus is well maintained major in Economics. When I want to apply for Colleges for PG, I had checked that the syllabus was perfect for PG. We don't have Honours in Economics. We NEED in BA(Hons.) in Economics and also MA(Economics).

Student-3 MBA: Started in 2014 and this is the 5th batch and we have seen 3 revisions of the syllabus in accordance with the industry. When we had issues with lab,they provided us 20 extra systems. No problems with faculty. We had industry experts and teachers. We wanted equal subjects in Marketing, Finance, HR. We got equal electives.

Student-4 B.Com.(Hons): We have got good Co-curricular activities. We have

Jogging, and all kinds of sports. Teachers are helpful. They motivate us to go deeper in our studies to get a broader perspective of the subjects taught. Self-reliance freshen our minds when we get stretched. Prayer is a boost even to a person like me who was from Non-devotee background.

Student-5 B.Ed.: She said the B.Ed programme is well structured having the core as practice teaching. We use Sri Sathya Sai Higher Secondary School, which is of high standard having good practice teaching. When we went to Govt. schools for preparing a case study we interacted with some external students and they didn't have any idea about the concepts and lesson plans which we were studying here.

Student-6 Bioscience:  My mother studied B.Com.(Hons) here. While answering the question from Chairman  that you attracted to syllabus, MPC or Bioscience, she said Bioscience which is very inclusive. In all the three years of study, we study diversity, taxonomy, Micro biology, Bioscience and Chemistry.
Chairman asked, what is common?
She said, first two years are common and third year is honours.

Chairman  asked why Mathematics and Physics in Chemistry Honours?

Student-7 Chemistry Hons: She has explained the papers offered and how the honours in Chemistry and broad aspect of all subjects. She said this helps JAM preparation. Everything is covered in three years. We have limited internet access, teachers give us valuable inputs in industrial experience, importance of the course, analytical methods, colleges where we can go. Teachers help in filling the form. We have good mentor system, and have two to three rooms one mentor. They help us in Academics and emotional balance.

Chairman enquired about formal counselling.  Outside is competitive do you have any mechanism? The kind of experiment you do are they modern? You have equipment 30 to 40 years ago or they are modern and safe. Does it meet needs of the green chemistry?

Student-7 Chemistry:  We have practical Soft skills training along with subjects. We have 85% green labs.

Chairman said, Do you change with times, practice of chemistry has to be changed security wise. No toxicity, avoid harmful reagents, are you aware?

Student-7 Chemistry: She said, CCL4 carcinogenic, so we stopped doing experiment on this. Separate dustbins wet and dry-ones are available.

Student-8 DMC: She said, we have Counselling mechanism, Summer course, study

circle, and teachers deal with two to three topics per student. Relating to spirituality it is part of daily life. BCom(Hons) deals with quantitative and theory and also focuses on Management like BBA.

Chairman pointed out that structured  counseling mechanism is desirable for both academic and personal.

Student-9 MPC: She said, Mentor-Mentee takes care this fully.

CHAIRMAN –Is Syllabi is comprehensive

Student 9- Calculus in 1 and 2 year helps other subjects. Physics and Chemistry are comprehensive. Competitive Entrance exam topics are covered in 1 and 2 year. Every Theory paper what we study is followed with Practical paper. We have Open ended experiments. Only objective is given and left to us which makes us work passionately for it.

Student-10 MBA: Being an Engineer, in MBA- Cash flow was not clear in the beginning. Teachers helped us so much in Management Accounting. I am clear with the concepts. Ethics chapter is introduced. Unit 1 and 2 has it. Alumni examples are also given – Prakriti Aahar, Time Travel, Sai VIshram-Food Vegan restaurant. He is our alumni, he doesn't work for profits but for giving back to society. It put us on a straight path. Computers are provided with 64GB RAM. Numerous articles are installed.

Student-11 FNS: We have major in nutrition or technology. B.Sc and MSc FNS are offered.  FNS is emerging subject, Technology and nutrition part of it. We have Dissertation- Topic covering 2 semesters with 200 marks. We do Analysis work and Develop the food product. Equipment what we have is of state-of-the-art. Fibroton, Water activity meter etc.

Chairman enquired do you visit CFTRI Mysore.

Student-11 FNS: Yes. We have visited NIN, CFTRI, last semester, Apollo, etc.

Prof. Gayitri enquired about number of Publications and internship.

Student-11 FNS: She said we have one publication and there is no internship.

Student-10DMC: We have Internship with companies such as Amara raja batteries, for Supply chain management. Block chain KYC, Stock chain, Robotic automation. Teachers were very happy.

Student-11FNS: MSc 2ⁿᵈ year: Teachers saw the need of the hour, and they have converted Home Science into FNS in tune with the requirement of NET syllabus. CRL has been created for us. Advanced instruments is an inspiration for our research.

Student-12BA Pol Sci: W.r.t syllabus we are very happy. International relation, Public relation etc. Current issues. Awareness classes are very helpful to remove the confusion. People have misconception about Political Science. We not only study Political Science but with also morality.

Student-13 MA English: Ours is the oldest department. PG feel permitted to share our thoughts in seminars. In BA final we have formal counselling, I approach teachers if I have depression. We openly talk to some mentor.

Student 14- The institute is a beautiful place, but I felt a need to have a mentor when I was in a bout of depression in my first year. I felt a formal counselling should be there to address the student's issues when they require it the most.

Student-15MSC Math: Syllabus is very high, Spoken to my friends, our BSc 3ʳᵈyear equal to MSc Mathematics. Teachers help us to understand each and every point. BSc Mathematics help us to clear JAM Syllabus. In 1ˢᵗand 2ⁿᵈyear all are covered.

Chairman said not only the syllabus, take a JAM paper and seeif you can go and write the paper.

Student-15 BSC FNS: Regarding Internship, we had approached HOD. She is very supportive of it. My internship in B Ramakrishna Rao, Ayurveda college for 1 and half months was very helpful.

FNS- I had taken GRE test in the last semester and I was able to solve the papers faster due to the assistance from teachers.

Student-1: I felt, counselling is, away from external distractions. Somebody to look upto. Swami is everything. Have faith in Him. I want to make you proud, Swamy. This we won't get anywhere else. ONLY we get in SSSIHL.

Prof. Ravi Kumar: All of you are Masters in Psychology too. I am glad, we have our systems. Very touching. Not seen anywhere else in life. I am here because I want to be here. We are satisfied with your responses.

Prof. Gayitri: I was a student here. You learn a lot from SSSIHL. Crack PhD exam only because of syllabus and training. Whole world open to you.

Prof. Ravi Kumar: Why it is happening here. Where women are respected, Gods come and stay- *Yatra Nariyastupujyanteraman tetatra devataha.*

## Interaction with Faculty

Chairman  said are there anything you want us to tell toVC, anything of importance, something to be strengthened etc.,

Prof. R Ravikumar: No audit with faculty. Teachers don't need introduction, they need elocution. Can we do something better for which the system has to provide support.

History- Can we have support from the department of Management to include Tourism and travel management as an Elective for MBA on Tourism History. Students have suggested it.

Prof. R Ravikumar enquired Tourism means what? what kind of tourism -- Health, Spiritual, Business, History, Religious.

History- PrasanthiNilayam is a Multi Dimensional tourism centre in the world. Govt. has not recognized it. To this Spiritual Centre with multi religious faith people visit throughout the year. UN could not get the harmony which Puttaparthi has achieved.

Registrar asked, Is it branch or Project or elective?

History- Collateral branch, as there are not many in Humanities. In MBA elective on tourism. Around 300 types of tourism exists.

Prof. R Ravikumar said, we respect the past but don't live in past. Sanitation in Harappa was much better than now.

Prof. Gayitri said the interest in History is coming down.

Dr.(Ms)  TR Rajeshwari- Certificate in Yoga and self-development will be commenced inJune 2020.

Prof. R Ravikumar- Anything made compulsory loses its value. Loses shine. Lakshmi Menon- Western universities, Science and humanities. Can we have something like this – introducing one arts subject in Sciences, Commerce and Management in this age of interdisciplinary/multidisciplinary studies. We have rich tradition of philosophy. We have 3 subjects History, Economics, and Philosophy/Political Science. Why can't be extend it to sciences and others. Science

students also should learn about humanities.

Chairman welcomed it and some courses can be introduced in this regard.

Prof. R Ravikumar-We should explore different aspects of the subjects like Science of philosophy and philosophy of science, Mathematical philosophy and philosophical mathematics.

Dr.(Ms) SharadaSubramaniam- We can introduce Ethics and General Psychology as an elective for Science, Commerce and Management students. We have proposed for Ethics and Gender Psychology.

Registrar mentioned at this point that Prof. Varma, Ex-VC felt that our country is not ready.

Prof. R Ravikumar- They have not experienced overload but they have load. For a committed teacher ten students of interest than 100 students in compulsory. We did an elective, we take only 20 students. Auditing course was more interest generating than credit course. Audit means no exam evaluation. Option for asking for evaluation or No evaluation. MOOCs courses can be started.

Prof. Gayitri enquired about Research participation in UGC, DST, etc.

Prof.(Mrs) Andallu- Food and Nutritional Sciences is the first PG department started in 1985 with projects. We have good publications. We do the presentations on the behalf of the students in ICMR, and Good PhD students are there. We get funding from SSSIHL and Govt. funding. At present we have 7 PhD students. We have MSc projects. Support from CRIF in PSN and CRL in ATP is exemplary. We are also funded to go abroad like USA, South Africa, Sri Lanka. Recently my HoD went to China and Vienna.

Chairman asked do you have something long pending, needs attention by us. He warned against complacency that we are the best which can be detrimental to the growth of the institute.

Dr.(Mrs). Prathyusha- UG and PG students go for Internships during Summer. Summer Internship are done in all the institutes IIT NITs ICMRs.

Chairman said write a mechanism and submit to the Administration as there is no problem in it.

Porf. Gayitri said you can have flexible internship timings. Near their houses then can do. Students should go out and experience and get exposure to. Does the MScs

have industrial projects, Student exchange programs and MOUs?

Registrar said this is encouraged at the research level. Not at the PG level.

Prof. R Ravikumar-Regarding student exchange programs, you need tremendous effort aligning with other universities. For foreign students it is more of tourism than learning. They like to have on Tuesday, Wednesday and Thursday. For Indian students going abroad, it will also cause heavy expenditure to them. Not in other days. He also highlighted that for the student undergoing student exchange, that term's credit is not calculated in his/her CGPA if he goes outside. What is that we need to take up in terms of student exchange has to be carefully thought about.

Dr.(Ms) Bhargavi- With full-fledged teaching load of 20 hours and to maintain Quality in teaching, how to have a good research. Some seniors have 25 hours per week.

Chairman said about Time management and How much time to apportion in research. Research is purely personal choice. Make concentrated effort in whatever you do. He said, what the individual would like to do? What kind of research you want to do? Definitely apart from UGC norms of teaching load and number of faculty attached to it, the administration should have more number of faculty if the Institute is interested in Research. Teachers should be given less load by recruiting more faculty. Indian Institute of Science follows this.

Prof. Gayitri- Teachers may take up contemporary issues and inspire them. Putting together a bunch and make them work on a problem.

Dr.(Ms) Bhargavi-Teaching workload is different in different campuses. That may be looked into. We may increase number of students admitted in PG programmes. PG has more work load with Colloquiums, Dissertations and Research in Humanities, English.

Prof. Gayitri enquired about Research in Humanities and also asked if the institute is listed in ICSSR.  Please explore research projects in Shastri Indo-Canadian Institute.

Dr.(Ms) Bhargavi–Literature is not listed in Indian Council for Social Science Research (ICSSR).

Chairman felt visibility happens over time. When you cross the Critical mass as a department automatically the department will get more visibility.

Prof. R Ravikumar- What institution can do, What faculty can do? More people should know about it. In Research Gate you can upload details on that. Research

becomes more visible. Shodh Ganga,Masters and PHD can be uploaded. Reach at Global level.

Registrar- Conveners of SSSSO we had presentation to them about SSSIHL. Go to our catchment and present our SSSIHL to them, make it interesting. A good and satisfied Alumni who can make a lot of difference in the society is the best way of promotion. Word of mouth is the strongest.

Prof. R Ravikumar-High quality and free education all want to get, our little efforts can make the difference.

Chairman said you get students from other institutes here and expose them to academics and research etc.

## Interaction with Non-teaching staff

Chairman asked do you have more workload, require more people if any please feel free to share.

Mrs. Prabhavati- I am Alumna and working for last 18 years and am very happy to serve here.

Mrs. Surekha- Since 10 years I am employed. I take care of details of PhD students, Personal files, remuneration, and very happy working in this place.

Chairman enquired about promotion.

Mrs. Surekha- Very happy and no problem.

Ms. Shilpa- Enough in the library. No issue in the library

Prof. Gayitri enquired that the Journals which are very expensive where articles can be sourced. Are they there?

Ms. Shilpa said Computers are installed, and facilities for SCOPUS, SCI Finder exists.

Chairman asked what about Working hours?

Ms. Shilpa- 8 a.m. to5 p.m. In dire needs the library is open at any time.

Mrs. BinduMadhavi- We have Internet and Biometric, System admin, anti virus facilities. We have all the necessary equipment. We have installed 20 CCTV cameras,

and Biometric.

Chairman asked  do you have any suggestion?

Ms. BindhuMadhavi- We have firewall, good internet speed. Works on LAN and efficient. Skype sessions are also good.

Prof. Gayitri- Do all students have internet.

Mrs. BinduMahdavi- Yes. But only in labs, and wifi is not there.

Mrs. Tabassum- We have Skype, video conferencing, Language lab online courses.

Prof. R Ravikumar- How many of you are registered for PhDs? why not do PhDs? He requested the administration to guide non-teaching faculty and contribute to the institute and eventually teaching.

**Prasanthi Nilayam Campus**

**Interaction with Director, Heads, and Associate Heads**

Meeting started with a prayer.

Chairman said he wants to hear from all. Please feel free and express your suggestions.

Dr.S. Venketesh gave a PPT presentation on Sciences explaining about courses offered, students strength, PG dissertations, PhD work, Research Projects from outside agencies, etc.

During the discussion the Chairman enquired about grants that were received for how many years and what percentage from external institutions. Dr. Venketesh replied over last five years.

Chairman - Is TM SEM available there. What is the kind of usage of these facilities and percentage of utilization?

Chairman enquired to make a general comparison of five years ago and now due to the facilities there should be a jump in publications, impact, research productivity, etc.

Dr.S. Venketesh said they have published in good journals, but they will have a lag period. Collaboration with IIT Madras and they gave us in terms of consumables. We don't charge money.

Chairman observed that Sponsored projects should be promoted. Lot of money has come from Trust, the institute should get more from external agencies.

Dr.S. Venketesh- We are expecting this to go up drastically as we have submitted proposals for primary data.

Chairman - How many faculty are actively involved in research?

Dr.S. Venketesh- Faculties have applied for research

Chairman has pointed out that In-house funding is good, but you need to have competitive funding to see where you stand.

Sri AmitSood- gave a PPT presentation on Management and Commerceexplaining about courses offered, students strength, MBA dissertations, PhD work, Research

Projects, Program of EDP for  TVS Sundaram- middle level management,Programmes on soft skills, values,

Prof. R Ravikumar-Where you want to go from here, next 5 years?

Dr. V Krishna Chaitanya- Research Projects on Knee tissue implant, gamma camera in physics, multi modal microscope, variable ECG monitor are actively being done. Health, Energy and Environment are our three focus areas. Research which is Cost effective and socially beneficial.

Dr. BSivakumar-We have Water Lab in the instrumentation facility. Studies on Water bodies in Puttaparthi and around are being done. Studies on to achieve clear water from severage treatment plant. It was teaching earlier now due to excellent instrumentation facilities we envisage inter disciplinary research. In the area of Energy- the Super capacitors, also from bio-waste. More social relevant research on Groundnut shell and rice husk are being done and one more such area is on Bioprocessing from groundnut shell.

Dr. R Raghunatha Sarma- Strong research groups in Mathematical modeling, Actuarial science, medical image processing, e-governance, HiPC, Big data analytics are being carried out. Small sample and make machine learning and deep learning to make a machine which will do study of the samples. We have more MOUs with external agencies. AI in sports is another research where analysis of the action of a cricket bowler to study injury. We are making algorithms to Train autistic children. MOUs where algorithm development, incubation and prototype development are equally shared by both parties.

Chairman then pointed out that Intellectual Property should be clearly spelt out.

Prof. Gayitri- Long term objective of research, change of baseline before the research and after you started should also be shared. After the treatment how has it effected. You can project good research examples. You have a capability to do research and provide the benefits.

Dr. BSivakumar-Hygiene, sanitation and rural entrepreneurship for two villages were done.

Raju- We take the Current situation and then the results after intervention. This enhances visibility in the external world. We presented and all were impressed.

Bhargav- Mahatma Gandhi National Council of Rural Education (MGNCRE) has chosen SSSIHL as one of the seven universities in Andhra Pradesh to make two neighbouring villages Open Defecation Free (ODF) under the Swachhata Action Plan

(SAP). We are in the process of submitting the phase 1 and phase 2 of the SAP.

Chairman- Treated waste water can be used for irrigation, methane as fuel. Institute needs to have socially relevant projects.

Sri AmitSood- Lot of students are local in MBA which includes not only in and around Puttaparthi but mainly from SSSHSS PrasanthiNilayam. Industry relevant of the  skills are taught. Attitude to learn, leadership, Personal masteryare taught continuously. Student should have more confidence. Alumni are contributing in some of the initiatives. Program on analytics, machine learning, Advanced excel learning, Financial management and more and more courses on practical, Entrepreneurial development are taught.He said our purpose of the MBA is to ultimate journey and realize Himself according to Bhagawan- Who we really are?

Prof. Gayitri- Entrepreneur development – Govt. support can be sought as they are supporting us in a big way.

Sri AmitSood said yes and it is Atal vision.

Chairman thanked all of them.

**Interaction with Students**

Chairman invited all the students and enquired what you have what you don't have? What we can do to help you?

Student-1: MSc Physics- Sir, Lab-wise it is great. We have workshop on electronics on an annual basis. We get hands on experience. We have NI open lab view instruments.

Student-2: MSc Chemistry- We learn General chemistry and have good exposure. We are allowed to explore and change. No problem.

Chairman- Green Chemistry, to put into practice what you have studied.  Lab facilities are good or not?

Student-3: MSc Chemistry- Facilities are good. Projects which we take up are also good.
Student-4: MSc Biosciences- Sir. I appeal to you that writing Competitive exams only 5 exams are allowed. Interview should not be considered as a separate exams. We need to have more such competitive exams in 1st PG itself. We request we may be allowed to take more exams.

Student-5: MA Economics- Condition of labs are not upto the mark. Only 20 systems are available and they not working fully, and needs to be upgraded. More security is needed for the systems. Recently we had done a study and loaded it in one of the systems in excel, everything got lost due to crashing of the system.

Student-6: BSc(Hons) Economics- Teaching and syllabus are quiet good compared to institutions both abroad and India. We need to have more mathematical rigour in the syllabus. More number of case studies are required. Motivation is lost when we just get teaching only. Motivation of the students is really required which is not present. The basic courses in first semester should be made more interesting to kindle curiosity in students for example in UMEC-101- Economic Analysis the teachers should teach aspects like- reason behind why Economics is to be studied, What happens when humans interact, What is happens in the Economy etc. – all these are not taught.

Student-7: MSC Chem- The timing of labs is 1.15 pm to 3.55 pm. We are not allowed to continue and we have to stop abruptly. We need additional time.

Chairman- If it is for full time research scholar this is correct. At UG and PG levelsthese things have to be done under supervision. Only thing is to be done is that do experiments only those which can be done in the stipulated time. Either start early or do an experiment which can be finished in time. You can introduce the concept of catalysis and reduce the time of experiment. But working late at night for Chemistry has to be done with a caution as safety and security is vital in such experiments.

Student-8: MSc Chemistry- It was done in BRN campus.

Student-9: MBA- Sir. Firstly, infrastructure is very good, and course content is good. Suggestions have been given and have been already in the phase of implementation. Great deal of rigour is needed in projects. We need to have more rigour in projects. We need direction for industry work. There is a balance between industry and academics. Great deal of speakers come on weekly basis and share their knowledge.

Student-10: BPA- Happy with what we are learning. Something has changed after degree. We need to have exposure to practical, concert. We had Thursday concert we don't have it now. We need to have that in our curriculum. We need to have industrial tour like MBA, going around villages and making concerts. We also need to visit some concerts with the faculty. We need to experience music festivals and workshops. We need to have more of them in the curriculum. We have UPS but we need generator. In Office, one more person as administrative assistant should be given to the music department.

Chairman said the administration will take care of all these things eventually.

PhD scholar Physics- We are happy with the facilities. Philosophy of education in human values here is very special. Others are just picking up from us. Other kind of exposure which we get. Basic introduction to many skills- PA system, brass band, dramas, music. Small challenges can be there but bird's eye view it is an ideal place for holistic development. Even the scientific rigour is there.

Chairman said are you aware of Publications rules?

Student-12: PhD Scholar MBA- I chose to come for MBA and continued in research. Experts come and share their experiences and hence we know how the industries run and adds to our understanding in a positive way. Dealing with students is always interesting and provides lot of learning. Going to mandir daily helps us in personal growth. Healthy competition exists here whereas research scholars elsewhere are stressed out.

Chairman asked him whether you choose Research Supervisor or the other way. The student said we have free choice to choose Research Supervisor.

PhD Scholar- DMACS:My area is in Artificial intelligence, machine learning, Deep learning and GPUs. Central large GPU resource is needed. We might need to increase and scale up.

Student-14: MA Economics- It is trivial to be put these issues in front of you but we felt they are important. Example of the lab which was brought up by my brother, the concerned faculty told us, "Let us do without spending money and spend only Intellectual capital."  With Dean retiring we don't have any one teaching statistics. We don't have faculty to help us for projects. We don't have infrastructure, and due to that we don't have project and it is a vicious circle.

Chairman said we appreciate your concern but these things can be solved administratively. Nothing to worry.

Student-15: MSc Bioscience- We have one Hostel issue. We have a communication problem with parents. The telephone equipment gives more noise when they call us. We need to find out the mechanism. May be the Receiver problem.

Chairman again said these things can be solved administratively. Nothing to worry.

Student-16: MSc Chemistry- It is great Highlight Research aptitude exists here. 2nd MSc are encouraged to do something new. 1st MSc also are encouraging to do something new. The teacher will completely focus in the new idea which we come

up. This helped me to pursue research, I was not interested earlier.

Chairman- Chemistry is what it is, you can't do anything without supervision. No PhD students should work alone. Remember this.

Chairman thanked all the students for their cooperation.

**Interaction with Faculty**

Chairman said we came here to listen to you, your course structure, syllabus, problems if any. Something needed, strengthening needed. Share your experiences.

Dr. Piyush Shrivastava- I am quite happy with the department. My suggestion is that we should give time for the students to sleep more. They sleep for only 6 hours. We should find some time and give them some time. Otherwise they sleep in the class.

Chairman said, How do you think to do this?

Dr. PiyushShrivastava- It may be possible to shift the timings of the college so that afternoons are free for them.

Chairman said, the administration can look into this and its feasibility.

Sri Nishikant- We are extremely fortunate to be part of SSSIHL. Baba had asked us to share the music we learnt. Performing all over the globe but this institute is unique, hostel training is unique. I have seen other govt. colleges, our students are far better than anyone outside. We have a degree course.

Dr. R Gowrishankar- It is the Blessings of Baba and strong influence of previous Vice-Chancellor that we have CRIF here. Last 4 to 5 years our research output has increased drastically.

Chairman said to take full advantage and do full use of CRIF. It is the best in the country.

Prof. R Ravikumar- What are the Benchmarks you are setting up for yourself.

Dr. Bala- I observed and found that outside institutions have primarily academics and Research push, some amount of extracurricular workload. SSSIHL is evaluated on the standard set for other universities rather. The basic fabric of Integral Education is not understood by others. This can only be experienced and not quantified. I suggest that some committee should come and stay and see how we

work.

Chairman said What the Evaluation process adopted by National agencies is totally their issue. We have no say. In the area of Science, we have to be globally competitive. Work out a mechanism to be globally competitive. Think about what can be done.

Dr. Bala- Yes sir, we know that. We agree. We are asking others to understand our system and so that they appreciate our system and support us so that we have more productivity.

Chairman then said have more conferences and bring students to come to us. They will understand your system.

Dr. Bala- We stand differently in values based education, hostel model.  So that the govt. and funding agencies give us unconditional support.

Dr. B E Pradeep- How we perform is what it matters? Visibility is on us which is evident. We have to put that extra effort now in view of the outside world. We have to do so that we are invited outside and not the other way round.

**Interaction with Non-teaching Staff**

Chairman invited all the non-teaching staff, and technical staff. He saidyou are the support system in the Campus. Share some inputs from your side to do things better.

Sri P Sairam- All of us doing well. We have TALLY ERP, from time to time we are monitored. Nothing is lacking.

Sri Krishnam Raju- Never have any problem, we approach the administration for any issue and we get the solution.

CRIF Lab technician- If we have workshops in our institute, students will get benefited. We are far ahead when I look back. Our university will achieve greater heights.

Sri Ram Shastri- We are very happy sir.

Sri Udayakiran- He suggested there are some maintenance problems which has to be done, it is a civil work, we need good skill works-men to do it.

Chairman said such simple issues can be put forth to the administration and can be

resolved.

Registrar- He said, we will find out from Director and have a follow up.

## Muddenahalli Campus

### Interaction with Heads and Associate Heads

Chairman welcomed Director, Heads, and Associate Heads of Muddenahalli Campus. He introduced the members to them.

Director has explained that Integrated MCA, BBA are offered from 2011. MSc(Data Science and Computing) started 2019. This is an Off campus.

Chairman asked forFuture projections.

Director- StandardizedMSc(Data Science and Computing), BSc(Hons.) in Computer Science are in sync with the modern requirement. We have revamped the syllabus.

Prof. Ramasesha- What about Projects and sending faculty for workshops

Director- We are taking up research oriented projects in future.

Prof. Gayitri- Any research projects? Can you please mention?

Director- We have academic projects we are trying to convert into research projects. He further said, in UG programs we have basic algebra and statistics. We have allotted 9 hours for project.

Prof. Polani B Seshagiri Rao- What is the Process of recruiting faculty? Do they have exposure in abroad institutes, research focus. What percentage of students in this campus are from the local rural community?

Director- Appointments are done centrally based on UGC norms. Mr. Udhay Shankar, from UK great help for us in data science. He also enlisted the faculty of the campus.

Dr. Sayee Manohar- 10% of rural local students in Muddenahalli Campus.

Prof. Ramasesha- What is the outreach of the campus to the local community, the campus needs create more awareness about its existence to the local community

Prof. Polani B Sheshagiri Rao- Your Campus is in rural setting and how has been the

outreach to the local community to get them in to the system. Knowing is different from getting education here.

Prof. S Ramasesha- Do you have popular talks to make them interested in academics here.

Director- One faculty from Alike has done the outreach activities. Compared to first year this year it is more. They educate the illiterate heads of the family, literate the young minds to aim high, serve the old people on regular basis, does cleaning under Swacchhata activities.

Prof. S Ramasesha- What about Computational facilities for data science here?

Director–We have 8GB, 1 TB and LAN and one cluster is rack mounted to increase the capacity. No issues w.r.t. syllabus. Updating is done as and when required.

Prof. S Ramasesha-Clusteris rack mounted. You need to scale up facilities

Prof. R Ravikumar- What kind of hand holding is happening? Are you left high and dry? Admissions and faculty is centralized. Are there any joint research projects between Prasanthi Nilayam Campus and Muddenahalli Campus?

Director- We have teachers who are guided by PSN faculty. No issues so far.

Prof. S Ramasesha-Why no science in your campus?

Prof. Gayitri- Why no social sciences?

Prof. R Ravikumar- It is a new campus. Over a decade you have only two UG courses and One PG course. What about internet based facilities? Do you let the students do courses on MOOCs or Swayam. Latest research in USA indicates that a student performs better in his core subject when he studies something else. Please note this point.

Director explained the present requirement and vision of incremental growth.

Chairman stressed the point that there is lot of possibilities as this is a new campus. You have flexibility.

Prof. Polani B Sheshagiri Rao-Asked for Syllabus of BSc(Hons) in Computer Science and M.Sc.(Data Science and Computing) and went through it.

# Interaction with Faculty

Chairman introduced all the members of the team to all faculty members

Prof. R Ravikumar- How you can do what you are doing better? Living here and learning with students. Enquired about the acclimatization of the outside faculty?

Sri Udhay- I am new to teaching. I did AI consultancy in UK. Came as Volunteer in October semester. I Teach soft computing. I worked in US Lab in soft computing, Fuzzy logic, neural networks etc. I teach Chapter by chapter as given in the prescribed text books. I am making a lot of changes in the way I am teaching M.Sc Data Science and Computing as many students lack in Mathematical skills. In California there were lot of Mathematics involved and this problem was not there. I have to spoon feed the students here. I think in future this will change due to introduction of B.Sc Computer Science.

Prof. S Ramasesha- What kind of problems you found?

Sri Udhay- Muddenahalli Campus students don't have good maths background. BCA and MCA was there which was less of Mathematics. But for soft computing gradient descent, Partial or normal differentiation was lacking.

Dr. Lonka- Students don't think that Computer Science and Mathematics are different. We introduced more mathematics.

Registrar said we have students in UG from different boards.

Dr. Lonka- We teach single variable calculus and partial differentiation. Also, Discreet mathematics, probability. Earlier we had computer science but Mathematics was optional, but when we introduced Data Science, they realized that mathematics is a must.

Dr. Ajith- Students have basic understanding. Orientation was different as BCA to MCA. Now it is BSc(Hons) CS to MSc(DSC). Now foundation will be good. We teach Advanced linear algebra, Multi variate calculus, Machine learning and Deep learning.

Prof. R Ravikumar- What about comparative experience of outside and here?

Sri P Sunil kumar- I am from Utkal university. 15 years I had worked. Their class strength was 100 to 120. Here student strength is less. We have hostel and we have one to one teaching. Students are showing interest in subjects and other aspects also.

No Problems have been faced.

Prof. S Ramasesha- What about Textbooks and assignments?

Dr. Lonka- We have Introduction to Linear algebra. Students Work out the problems.

Dr. Ajith- We have two CIEs (Continuous Internal Evaluation) and one ESE (End Semester Examination). We evaluate internal for 100 marks and convert into 70. Every month once CIE and Surprise tests are held for the students.

Prof. S Ramasesha- What about Tutorials?

Dr. Ajith- M.Sc.(DSC)is new, we are learning. MSc(DSC) is more practical. Mathematics is more theoretical. Orientation is different. Alumni helps us regarding industry. We have industry and academia collaboration. Based on the inputs of the experts we change our syllabus. Amazon and Dell scientists have come and shared their knowledge. They come and mentor out students.

Prof. Gayitri- Why no research projects? You should have 70% teaching and 30% research which can be at a pursued at a personal level.

Dr. Ajith- We are well connected to the outside academia and industry. There is no problem in it. In HiPC conference one of the colleague is attending that now, who is absent today.

Sri Udhay- We areunderstaffed, so we can't have time to devote on research.

Prof. S Ramasesha- Increase the number of faculty positions. Treating research as a personal activity is a bad decision. The university has to make the effort to encourage the faculty so that it helps the university. Calling it a personal activity is a bad way of looking at the research.

Prof. R Ravikumar- Devote more time in research. Plan on how fast you want to finish your PhD. In the final stages only one needs more breathing time. Early stages, need 1 day a week.

Registrar said the teacher candidate meet their guides once in a weekand during holidays.

Prof. S Ramasesha-For the faculty, preparation time for classes, tutoring, correcting papers etc. takes a lot of time. We can't say that faculty has time. University has facilitate and provide them time for their research

Sri P Sunilkumar- No sir. Fourof us, teacher scholars, go weekly once to meet our guide and compensate the classes on another day.

Dr. Ajith- We are good in teaching. We are on the path of improvement in research.

Prof. Polani B Sheshagiri Rao- What courses should be added in BSc(Hons) CS for applicability? Are there any basic subjects to teach Physics, Chemistry, Biosciences? What is the applicability? How are you making the students take up challenges?

Prof. S Ramasesha- You can't compartmentalize them in UG level only CS. Elementary knowledge of all subjects is very essential. If someone wants to go to Biotech in IISc the student don't have any background.

Prof. Gayitri said basic fundamentals are required.

Prof. Polani B Sheshagiri Rao-Do you have Student feedback mechanism who give the feedback on the subjects and syllabus?

Registrar said we have a confidential online teaching quality mechanism which the students give at the end of every semester.

## Interaction with Students

Chairman-Listen to you, your experience, syllabus, subjects are taught. Some improvements. Recommendations, Course content

Prof. S Ramasesha- Speak your mind out. Anything missing in the syllabus, please let us know.

Prof. Gayitri- What about Library utility and timings?

Student-1: Thrice a week I visit Library for one hour. I refer Biographies like that of Steve Jobs and books related to my subject.

Prof. S Ramasesha-What about Sports activities?

Student 1- We have Basketball, cricket, Volleyball, handball, football, Table Tennis, Badminton.
Prof. R Ravikumar- How many do trekking here?

Student 1- All go for trekking once every year or semester.

Student-2: 3rd BBA- Childhood dream was I wanted to come here. BBA entrance exam is easy. I got selected.

Prof. S Ramasesha-Do you think Economics and Social Studies be there?

Student-3: I feel there is no need to teach Word, Power point, Excel in three semesters.

Prof. S Ramasesha- Would you like to have course in journalism, Psychology,

Students: Yes sir we can have more such courses.

Student-4:BCA: We don't have electives in HRM. We should have them.

Prof. S Ramasesha-Science student who studied Physics in 11th and 12thmiss Physics in BBA, BSc CS and BCA. How can you include. Applied Physics, electronics in their curriculum here.

Prof. Polani B Sheshagiri Rao-You study mandatory Maths, Phy, Chem and when you come to Computer Science course without those subjects do you feel sufficient or deficient in your skills?

Student-5:BBA- No maths in School, this was the difficulty in BBA.

Prof. Polani B Sheshagiri Rao- Where can you have opportunities after your course? Are you ready, If I want to know how many diabetes, Cancer diseases are there state-wise, district-wise, country wise

Prof. Polani B Sheshagiri Rao- You need to know terminology of cancer in life also.

Student-6:BBA- After BBA we want to pursue MBA and PhD under Department of Management and Commerce.

Prof. Polani B Sheshagiri Rao- Would you be prepared to take up challenges?

Prof. Gayitri- How many from the same taluk.

Student 6, BBA- In a system like ours we have lot of interaction with the teachers. We have any problem it is sorted out very fast.

Chairman- MSC DSCourse started recently. Few text books are costly. Purchasing is difficult. Some books cost 90000 rupees. What do you do?

Registrar said the Department of Mathematics and Computer Science is looking into it.

Prof. Gayitri- What about Dissertation?

Chairman- In MSc(DSC) Dissertation is decided by the students, or supervisor? Do you decide if it is feasible in one year or not?

Prof. Polani B Sheshagiri Rao- To express in English is a problem for you all or not?

Student-7: Expressing in English is no problem for any Sai student. Disseration work is decided by both student and faculty. Actually I wanted to do B.Tech. Can we have BTech course in future.

Prof. Polani B Sheshagiri Rao-Student feedback is given by all or not?

All: YES we have teaching quality feedback given by all students once at the end of each semester in our Institute.

### Interaction with Non- teaching staff

Chairman requested all to share any problems that you have.

Sri Praveen- Tally, Upgradation has happened. We are doing it on time. I am in finance. Improvement in multi-tasking is happening.

Sri Krishna- Lab technician: No problem in Networking and electrical. I am Happy and satisfied. I was in Brindavan and came here.

Sri Prasanth- I am taking care of Examination and Administration. I am Happy and satisfied.

Sri Manjunath- Costly books we do photocopies. We get suggestions from students and teachers and put the budget. We do BDC classification. We have barcoding of books and use KOHA software.

Prof. S Ramasesha- Do you exchange books with other universities?

Sri Manjunath said no.

Prof. Gayitri-What about Journals subscription and SCOPUS.

Sri Manjunath said we take the help from Prasanthi Nilayam Campus. We use

SCOPUS.

Chairman enquired about Photostat facility.

Prof. S Ramasesha-What about outdated books? How many books you buy every year?

Sri Manjunath explained in detail.

Prof. Polani B Sheshagiri Rao-Do you have warden as this is residential campus. Student needs how you take care?

Registrar said there is CHMC (Council of Hostel Maintenance and Campus) and Council of wardenswhich take care of all aspects of the students.

Prof. Polani B Sheshagiri Rao-Any requests from students and what is the mechanism to address them?

Registrar- In many committee students are part of it. Anybody can write to grievanceredressal@sssihl.edu.in , antiragginghelpline@sssihl.edu.in  and internalcomplaints@sssihl.edu.in


**Brindavan Campus**

**Interaction with Director, Heads, and Associate Heads**

Chairman requested the Director of the Campus introduce and explain about the Campus.

Prof. C N Sundaresan explained through powerpoint presentation about the Campus, Courses offered, no. of students, no. of faculty, Library facilities, schedule of the students in the college and hostel.
He explained about Tuesday self-reliance and many activities other than academics and Infrastructure.

Physics- Through PPT: 14 theory and 10 lab courses. Virtual physics lab, hands on training. Open ended presentations. Access to NPTEL, MIT, We get regular feedback. Classroom feedback system- dynamic, Video recording.

DMACS-Through PPT: It was made from only Mathematics in 1991. We have a goal to make all the faculty of  DMACS to be able to teach C language. We have CODETantra for teaching these languages. MOU with CODETantra.  E-Hub

Biosciences- Through PPT: Integrated MSc from next year.

Future plans of DMC- Bachelors in Finance and accounting, Bachelors in Taxation, and PG in MFM or MBA Finance.

Prof. R Ravikumar- Mother tongue is Hindi, can I take Hindi as second language. Can I take some other language other than Hindi. **Accent neutralization software should be there**.

Prof. S Ramasesha- Workshops, symposia for teachers and research scholars. Atleast one in a year.

Yes. we have MOU with JAIST

Prof. Gayitri- Are these conference proceedings published.

Director- This is UG campus and we don't have publishing.

Prof. Polani B Sheshagiri Rao-Have you gone for competitive research proposals?

Director- We are in a preliminary stage in terms of research.

### Interaction with Students

Student-1: BCom(Hons.)- We are very happy with the teaching, curriculum and the facilities available. Library access, computer system are very good. Today a talk by an Expert in credit risk was excellent.

Prof. Gayitri- Extra reading classes are provided?

Student-1: BCom(Hons.)-  Hindu, E Times, Library, Net sessions twice a week. Some terms we learn in Library. Lot of latest books in DMC

Prof. S Ramasesha- What has to be strengthened?

Student-1: BCom(Hons.)-  Data analytics in 3rd year. We should have in 1 and 2 year for the juniors

Student-2: 3rdBiosciences-Now we are in the process of getting good equipment. We get extra time for reading. Teachers initiating you into reading. Have costly books. Presently we don't have hands on but very soon we are getting them. We have bio informatics course coming. Basics of 12th is enough

Prof. S Ramasesha- You have Maths and Physics subjects.

Prof. Polani B Sheshagiri Rao- What wet experiments you do?

Student-3: Bio- Plant cell culture we do.

Student-4: BCom-(Hons.) Very good experience in hostel. We have two room leaders from 3rd years. Our third year brothers explain us who are room leaders. Business magazines. Work experience, two industry visits from 1st year onwards

PhD Scholar-  Minimum basic facilities and all advance facilities we have in CRIF of PrasanthiNilayam campus.

Rama- First year course work, how many courses

PhD Scholar- Rresearch methodology, technical writing. We have classes of experts via Skype if they teach in PSN Campus.

Prof. Gayitri- Do you visit other research institutions

PhD Scholar- We visited Reddy's labs, IISc, Origin. I am on Institute fellowship.

Prof. Gayitri-How many mandatory publications?

PhD Scholar- We need to have 2mandatory publications.

Student-6: BSC Phy- We have 14 to 15 computers for e-books. In our 5th and 6th semester we have quantum mechanics, solid state physics which are very intensive. We need to read it fully. We carry out 8 to 10 experiments. We also have classical mechanics. We do Flywheel experiment, experiments on newton's law, spectrometer, frenal bi prism.

Student-7: BSc.(Hons.) in Chemistry- Practical chemistry exposure is good, but we have less exposure to instrumentation chemistry. Computational chemistry is less. Especially in third year.

Student-8: BSc Math- Subject is different. For papers like linear algebra and topology class interaction is enough. CIEs keep track of the performance of the whole class. Computer language C is being taught to us.

Prof. S Ramasesha- Numerical integration, are you taught algorithms? What you code- Searching through a list, hashing etc.

Prof. Polani B Sheshagiri Rao- take a topic and speak on that particular topic like a seminar presentation

Student-9: Maths- We have seminar. It is part of co-curricular activities. Some students do studies on topics like virus, encryption and do presentations. Everyone have to make a presentation in the class.

Student-10: Bio- Not official, one topic and based on the current reviews we have to have a weekly presentations

Prof. S Ramasesha-Do you have Text processing software?

Prof. Polani B Sheshagiri Rao- If you don't go to Masters but other career paths, how ready are you. Like JAM

Student-10: Bio- One senior cleared JAM but opted to go to PSN Campus for PG. BCom- Can we have incubation centres in UG

Prof. R Ravikumar- We should have as many as possible. Regarding Social entrepreneurship and any other field get in touch me. You can google and get my information also.

Student-10: Bio- If I want to pursue research in Space biology, space science what are the possible avenues.

Prof. Polani B Sheshagiri Rao-Research in domains like organisms on planet and organisms in space which are resistant and which can be helpful to us- this can be a possible research area. There can be a study onminerals in space and how they can be helpful to us.

We have not studied anything about the biology of Arctic and Antarctic, these also can be taken up.

Student-10: Bio- Can we have exposure to projects at the UG level. Biological research is becoming very important.

Prof. Polani B Sheshagiri Rao- BSc is just a learning process. You have to put effort in first learning how to use all the different equipment and also learn how to get a standard curve fitting from the data provided by the machine. You have to concentrate on learning the fundamentals at the UG level.

Chairman- Find out a lab in the summer vacation. Identify a place and learn in IISc,

IIT, Bangalore univ etc. Observe what research scholars are doing there.

Prof. S Ramasesha- Take up Summer Fellowship programs for one or two months in premier research institutions.

Student-10: Bio- In microbiology- anti microbial properties. We are studying diseases which are already eradicated. We can study in disease which are currently there which will be relevant in the present times.

Prof. Polani B Sheshagiri Rao- The curriculum should touch upon drug resistance, virus infections also.

## Interaction with Faculty

Abhishek- Happy and satisfied. Institute is moving towards research focus. We have facility in CRIF. We need the institute to facilitate the research scholars to go more often to PSN campus for research.
PhD for teacher scholars on an average takes 6 years.

Prof. R Ravikumar- Who can take the decision on facilitating. Please find out.

Prof. S Ramasesha-You should have short term exchanges in faculty for 3 months for research and teaching.

Sri DennyMelkay George- We enjoy teaching more than research.

VenkateshaRao- written 34 books and I am translating them into Kannada.

Prof. R Ravikumar-Is it true that someone who speaks, reads and writes Sanskrit has low cholesterol.

Dr. Venkatesha Rao- Yes sir, chanting Vedas with all the swaras, makes your body fit.

Sri Darshan Gera- I am doing research in face recognition research work

Prof. Polani B Sheshagiri Rao-Do you all get any sabbatical for research or training.
All faculty- It is given on a case by case basis.

Prof. S Ramasesha- Difference between Deep learning and machine learning

Sri Darshan Gera- Neural networks is deep learning, which is subset of machine learing.

Dr. Anandkumar- We are in the process of setting up research lab in BRN. We are writing a project proposal in microRNA in cardio vascular disease to get grant from DBT DST.

Dr. JKKiran Kumar- Equipment is adequate and for characterizations we go to PSN. Revision was done couple of years ago to be at par with UGC guidelines.

Chairman- In UG Lab teaching, I suggest that we have to modify old experiments like toxic experiments and replace them with more green experiments.

Dr. JKKiran Kumar- VC mentioned about cleaner chemistry. We have micro scale experiment.

Prof. Polani B Sheshagiri Rao-Equipment in PSN campus might not be sufficient for all types of study. Have a mechanism regarding equipment infrastructure so that the researchers can go to outside institutions.

Dr. Anandkumar- We are in the process of building preliminary data.

Prof. Polani B Sheshagiri Rao- Cell context, cell culture lab, animals, paraphernalia. Cell line can be used.

Prof. S Ramasesha- Improve your exposure for Post doc.

## Interaction with Non-teaching staff

Sri Rajib Chaudhary- All processes are computerized; we don't face any problem. We don't have any special requirements or special needs.

Sri Nandgopal- 30 years I have been here. 1 lakh we spend every year. The students suggest the required books which is routed through the departments and we place orders and administration procures promptly.

Sri Arun- 306 students are there.

Sri Vamsi Krishna- I take care of the technical part. We are happy with whatever we have. I am trying to implement whatever needs to be done. I take care of networking. We have 20mpbs cable with CAT 6 inside.

Sri Badrinarayan- I have been in kitchen for the last three years in housekeeping. Very happy with the department.

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
## (Deemed to be University)

From the Report of the meeting of Academic and Administrative
Audit Committee (AAAC) by external members
held on 18ᵗʰ and 19ᵗʰ December 2019 at all the four campuses of the
Sri Sathya Sai Institute of Higher Learning,
Deemed to be University

**Suggestions of External AAAC committee and Action Taken Report**
Ref: Duly signed Report submitted by Prof. S Chandrasekaran, Chairman, Academic and
Administrative Audit Committee vide email letter dt.15.5.2020

## Anantapur Campus:

Suggestion-1: The infrastructure facilities in the campus may not be sufficient to take up
research projects they want to pursue. They are dependent on the main campus for use of
sophisticated equipment needed for their research.

Action Taken:
The Central Research Laboratory (CRL) which has been established in 2019 caters to the needs
of Research work and the Central Research Instruments Facility (CRIF), established in 2017 at
Prasanthi Nilayam Campus extends further help to students and faculty in all kinds of Research
works. The facilities provided are of state-of-the-art and given in the Institute website.

Suggestion-2: Administration should hire more faculty to meet the increasing demand of the
campus community.

Action Taken:
All vacancies have been filled and process is continuous. The new appointments are being done
continuously w.r.t. the guidelines from UGC and the approval from the Board of Management.
The respective HoDs in consultation with Associate Heads convey their requirement in
advance to the management. The quality factor in the selection of faculty and requirement as
per UGC norms are always taken care of.

<u>Suggestion-3</u>: It is important that the students and faculty of the campus be exposed to lectures by experts from other institutions in all areas of science and humanities.

<u>Action Taken</u>:
On an average around 180 visiting faculty from academia, Industry and others, visit various campuses of the Institute in one academic year. The HoDs suggest them according to their need and appropriateness. Their rich contribution is definitely a boon and not a bane. The details of visiting faculty are provided in the Institute website.

# **Prasanthi Nilayam Campus:**

<u>Suggestion-4</u>: The extramural research funding from sponsoring agencies has to go up substantially to increase the profile and visibility of the university.

<u>Action Taken</u>:
Yes. 22 Research projects were completed in the last five years with value of ₹ 869.03 lakhs. Funding was received from the agencies like UGC, DBT, DRDO, ISRO, DAE, SERB, SONERA, TATA, UMBC, ZENTRON, CYBER, JAIST, SKAN Research Lab Pvt. Ltd., Devic Earth Pvt. Ltd., Twastrix, Herald Logic Pvt. Ltd., (HL), IBAB, OmiX Research and Diagnostics Laboratories Private Ltd., Labby Inc., Maestro Technologies, Inc., etc.

Research Conferment Cell and Institute Industry Interface Cell (IIIC) have been set up to streamline and monitor the research and innovation ecosystem at the institute.

Village Empowerment Programme (Grama Seva) is being undertaken by the students and staff of the institute during the year in select villages around Prasanthi Nilayam. This village service is being strengthened in a sustainable manner wherein the institute will try to find solutions to the local needs and issues through its outcome based research activities.

<u>Suggestion-5</u>: The committee is of the opinion that the **instrumentation facilities of this campus are one of the best in the state university system**. It is imperative that the faculty and students make optimal use of these facilities in the coming years to enhance quality of research output with high quality publications in journals of international repute.

<u>Action Taken</u>:
The students and faculty are aware of it. This reflects as the research thrust of the university has given a fillip to the number of PhDs awarded in the assessment period. The Percentage of PhDs awarded w.r.t total PhD scholars was 6% in 2015 which increased to 20% in 2020. Faculty and Research Scholars have been notified and alert that they publish journals in UGC Peer Reviewed referred journals which enhances ranking in NIRF and NAAC.

<u>Suggestion-6</u>: The students and faculty need to have more exposure / interaction with other experts / institutions of higher learning both within the country and outside.

<u>Action Taken</u>:
The details are as stated under suggestion-3 above.

# Muddenahalli Campus:

Suggestion-7: Muddenahalli campus has too specialized courses and it was felt that there should be some pure science courses such as Physics, Chemistry and Biology.

Action Taken:
As per the suggestions from the Deans, HoDs & Academic Council; and the directives of Board of Management the new courses will be commenced.

Suggestion-8: The faculty doesn't have enough time to carry out research projects and it was felt that the faculty will benefit from study leave and sabbatical.

Action Taken:
The UGC norms of number of hours allotted to faculty has been followed. Depending on the requirements, the HoD in consultation with Associate Heads informs the administration the specific needs.

Suggestion-9: During interaction with faculty it was felt that they are complacent and that there should be greater interactions with outside institutions to stay abreast of the recent developments.

Action Taken:
As stated under suggestion-3 the SSSIHL has sound advantage of devotees coming from all over the world from academia and industry. Their interaction has been utilized for teaching, learning and research.

Suggestion-10: Many BBA students lacked Mathematics background. It was felt that corrective measures should be taken in this regard, both while recruiting students and after they join the programmes.

Action Taken:
This has been informed to the Head, Department of Mathematics and Computer Science and Department of Management and Commerce to do the needful.

# Brindavan Campus:

Suggestion-11: The teachers need more exposure and should use the material available on the web to supplement their teaching.

Action Taken:
Yes. With the directives from UGC, AICTE and MHRD the Institute is already in progress of availing and doing online courses. This is a regular continuous process.

Suggestions-12: Students should take up summer fellowship programs as the ones offered in Academies of Sciences. There should be seminars given by students on topics outside their curriculum.

Action Taken:
The Institute's curriculum has seminar presentations at Postgraduate and Professional levels. However, the seminar topics outside the curriculum, students are encouraged to participate in national/international conferences/seminars, in-service training, organizing national/international conferences, research projects, Mandir programmes at Prasanthi Nilayam etc.

Suggestion-13: The faculty should take initiative in applying for external funding for their research and collaborate with institutes outside of the SSSIHL umbrella. Faculty should be facilitated to attend short term workshops at least once a year which will help country wide interaction of the faculty.

Action Taken:
Yes. Please refer to action given under suggestion-4. It is evident that more percentage is from the external funding for research by faculty than SSSIHL umbrella. The faculty will be advised and facilitated accordingly to attend short term workshops.

**Overall,** to improve quality of research at SSSIHL, it is necessary that the faculty be encouraged to interact with faculty outside the sister institutes. They should be encouraged to visit other institutes for short term collaborations, such as summer vacations. A sabbatical system should be put in place to help periodically reorient the faculty within the specialized areas of research, which the faculty wish to undertake.

Action Taken:
Yes. Though the faculty are encouraged to interact outside institutes and they will be further encouraged to visit for short term collaborations during vacations depending on the feasibility. During June 2020 Dr. R Sai Sathish has been sent to Canada for collaborative work on sabbatical. The administration adopts this as per the proposal received from faculty from time to time.

# MINUTES OF MEETING OF

# ACADEMIC AND ADMINISTRATIVE AUDIT COMMITTEE (Internal)

### Anantapur Campus

I.      **The AAAC (Internal) visited Anantapur Campus on 12th September,2019.  The members present in the meetings were**

Vice-Chancellor

Registrar

Director,  Anantapur Campus

Dr. G Raghavender Raju

Shri Arvind Hejmadi

Dr. S Venketesh

Dr. C N Sundaresan, Director, Brindavan Campus, could not come due to pre-occupation. The Committee met the students of various classes, staff of various Departments and research scholars.

Regarding student related matter, the Committee discussed the following  aspects:

1) Syllabus and coverage of the same
2) Areas  of difficulty
3) Adequacy of infrastructure facility
4) Availability of books and journals
5) Support from faculty in clearing doubts
6) Adequacy of time for academic and extra curricular activities
7) Grievances redressal

Students:
1) It was observed that  additional classes were held apart from regular classes for coverage of syllabus which the students felt was  not necessary. This would affect study hours. This was observed mostly in Science Departments.

2) A concern was expressed regarding congestion of labs  during lab hours. Some minor ;ab lab equipment  were not sufficient in quantity.

3) Students of UG Commerce  programme  were requesting  to consider a  proposal for industrial visit .  In general students wanted career counselling  by some alumni.

4) Students of Postgraduate programme in Science were requesting for internet facility to be extended till 6.00 p.m.

5) Students of M.Sc. Mathematics wanted a few more teachers in Computer Science. They also wanted few more Electives to be offered.

6) The III year B.A. students wanted Hons. Programme in Economics. The students of Commerce and Arts Departments wanted exposure to guest lectures. The students of B.Com. felt difficulty in understanding the quantitative papers. The same group wanted a colloquiums

7) On the whole, the students were happy with the system and infrastructural facilities available at the Campus .

8) The students felt that they benefited from the integral system of education.

Faculty members:
1) Faculty of Department of Bios0cience wanted a teacher in Enviromental Sciences.

2) It was observed that in the Central Research Lab, accessories for various instruments were not available.

3) In the Department of Mathematics and Computer Science, sufficient faculty members were not available.

4) The faculty members of Department of Chemistry and Biosciences were asked to explore a mechanism for waste disposal.

5) The Department of Food and Nutritional Sciences wanted research collaboration with SSSIHMS, Prasanthigram.

6) Vice-Chancellor explained introduction of fast track promotion for the faculty at various levels.

7) Vice-Chancellor suggested to have more MoUs with NGOs, Universities and Corporate World.

8) Department of Education wanted M.Ed. programme to be re-started. The sub-Department of History wanted a certificate course to be introduced on Tourism.

**II.** **The AAAC (Internal) visited Brindavan Campus on 25<sup>th</sup> September,2019. The members present in the meetings were**

Vice-Chancellor

Registrar

Dr. G Raghavender Raju

Dr. S Venketesh

Dr. C N Sundaresan, Director, Brindavan Campus.

Prof. (Ms.) Rajeshwari C Patel, Director, Anantapur Campus and Shri Arvind Hejmadi could not come due to pre-occupation.

The Committee met the students of various classes, staff of various Departments and research scholars.

<u>Brindavan Campus</u>

<u>From Students:</u>
1) First UG MPC students felt there was no much time for academics due to engage them zero and sixth hours.
2) Regarding Department of Mathematics and Computer Science they have computer papers but have only one computer teacher. The same Math teachers is teaching computer papers.
3) II UG Biosciences students want more computers due to Bio-Informatics courses.
4) III UG Maths students want more computer hours and more computer text books. They want lab to be opened on Sundays.
5) Food Menu committee is not-functional.
6) III Physics students wanted more permissions to attend competitive examinations.
7) Need for access to Kindle.
8) Hostel Problem: Room no. A5 & A6 have bed bug problems.
9) All students wanted shuttle badminton courts.
10) Enhance the Internet speed and more access to e-journals.
11) Need for introducing computer papers in I and II UG.
12) Gym equipment are outdated.
13) Access to internet and email to all students.
14) Commerce students felt there is a need for upgrading the computers, e-books, e-mails. They want internships and Industrial visit.
15) Toilets and bathrooms in the Hostel are unhygienic.
16) In general students wanted counseling on Career and further studies.

<u>From faculty members:</u>
1) Faculty for Awareness, Computer and Chemistry courses are not adequate.
2) Commerce faculty wants their Computer Lab systems needs to be upgraded.
3) B.Sc.(Hons) curriculum needs revamp.
4) Staff quarters for Brindavan Campus needs to constructed.

**III.** **The AAAC (Internal) visited Muddenahalli Campus Campus on 25<sup>th</sup> September,2019. The members present in the meetings were**

Vice-Chancellor

Registrar

Dr. G Raghavender Raju

Dr. S Venketesh

Dr. C N Sundaresan, Director, Brindavan Campus.

Prof. (Ms.) Rajeshwari C Patel, Director, Anantapur Campus and Shri Arvind Hejmadi could not come due to pre-occupation.

The Committee met the students of various classes, staff of various Departments and research scholars.

<u>Muddenahalli Campus</u>

<u>From Students:</u>
1) Need for a Brass band group at Muddenahalli Campus
2) Need for more Computers and hours in Computer Centre
3) Need a Play ground
4) II MSc DSC students need more time to access Lab
5) No adequate number of books in Data Science
6) Access to Kindle not there.
7) Enhance the Internet speed and email access.
8) I BSc BCA lack books
9) No choice is given in choosing electives in III BCA.
10) More workshops to be conducted.
11) They need good teachers in Computer / Data Sciences courses
12) Lab systems are not functioning properly.
13) Evening Snacks are not good.
14) More Gym equipment needed.
15) II MSc DSC needed more exposure from external experts. Colloquium to be organized.
16) When the Muddenahalli Campus students visit Mandir Accommodation Halls for festivals, the toilets are not clean and due to that they fall sick. Moreover, the number per room is too much.
17) SRD at Hostel, the boys are given the departments in which they are not interested.
18) II MSc DSC: The subscribed books are very expensive.

# Submission to NAAC



# Exit Survey

| Programme | Applicant ID | Website | Admissions Poster | Emailer / WhatsApp | Sanathana Sarathi | C360 Website | C360 Magazine | CSR | Word of Mouth |
|---|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-00010 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00016 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00025 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00027 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00048 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00063 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00065 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Undergraduate | 1617-00066 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00072 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00127 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00133 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00161 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00170 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-00186 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00196 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00198 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00201 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00204 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00209 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00222 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00223 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00250 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00251 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00264 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00265 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00280 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00292 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00293 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00300 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00309 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00318 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00320 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00329 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00350 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00351 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00354 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00355 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00371 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00377 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00378 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00383 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-00386 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00399 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00458 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00471 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00474 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00478 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00515 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00516 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00541 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00564 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00569 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| Undergraduate | 1617-00574 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00582 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00584 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00586 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00588 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00599 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00621 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Undergraduate | 1617-00630 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00640 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00642 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00643 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00654 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00658 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00663 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00673 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00679 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00683 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00701 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00703 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00704 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00708 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00710 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00712 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00713 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00714 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00717 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00718 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00719 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00720 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00721 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00722 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00752 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00761 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-00771 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00774 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00788 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00801 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00808 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00809 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Undergraduate | 1617-00810 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00823 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-00830 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00903 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00906 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00920 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00925 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00977 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-00982 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01019 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| Undergraduate | 1617-01064 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01077 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01087 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01088 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01098 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01103 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-01119 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01133 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01136 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01139 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01140 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01143 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01145 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01147 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01149 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01169 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01187 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01193 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01194 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01202 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01204 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01205 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01207 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

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|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-01208 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01213 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01214 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01215 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01216 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01217 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01222 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01224 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01230 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01234 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01237 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01238 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01242 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01243 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01244 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01245 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01247 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01249 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01251 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01252 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01253 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01254 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01255 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01256 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01257 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01258 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01267 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01269 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01272 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01285 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01308 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01352 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-01383 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-01388 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07006 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07019 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07027 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-07034 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07045 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07049 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07051 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07054 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07067 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07096 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07098 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07100 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07113 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07125 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07166 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07167 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07169 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07175 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07203 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07213 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07220 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07224 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07229 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07241 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07256 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07262 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Undergraduate | 1617-07274 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07298 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07311 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07324 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07341 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07343 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07347 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07373 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07392 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07396 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07400 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| Undergraduate | 1617-07404 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07406 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07425 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07431 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07442 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07451 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07452 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07456 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07460 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-07463 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07468 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07483 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07488 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07518 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07528 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07539 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07549 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07568 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07573 | 0 | 0 | ` | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07597 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-07648 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07654 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07663 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07670 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07689 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07691 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07695 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07719 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07727 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07745 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07753 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07768 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07781 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07785 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07789 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07804 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07812 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07819 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07844 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07865 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07885 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07893 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07907 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07914 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07920 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07931 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07938 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-07966 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07992 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-07999 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08003 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08017 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08041 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08075 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-08085 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08089 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08102 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08117 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08131 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08146 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08158 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08179 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08188 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08210 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08212 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08217 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08221 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08223 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08248 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08328 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08333 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08339 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08341 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08353 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08363 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08384 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08391 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08404 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08418 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08439 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08467 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08468 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08473 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08475 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08477 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08514 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08519 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08531 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08539 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
| Undergraduate | 1617-08543 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08562 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08566 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08567 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08592 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08596 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08619 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08647 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Undergraduate | 1617-08656 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-08684 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08709 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08714 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08752 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08757 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08771 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08794 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08799 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08831 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-08840 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08855 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08898 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08918 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08926 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-08927 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08929 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08939 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08947 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-08957 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08958 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08964 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-08996 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Undergraduate | 1617-09002 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09008 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09022 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09030 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09210 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09216 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09257 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09266 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09269 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09273 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09297 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09327 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09351 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09401 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Undergraduate | 1617-09403 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Undergraduate | 1617-09458 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-00604 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-00696 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-00843 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Postgraduate | 1617-07107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-07328 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07329 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07330 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07372 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-07378 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07386 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-07411 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07596 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07645 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07649 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-07793 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07835 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07846 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-07901 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-08189 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-08237 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-08242 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-08287 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-08340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-08490 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-08632 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-08868 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| Postgraduate | 1617-08891 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-09096 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-09159 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |
| Postgraduate | 1617-09166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-09285 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Postgraduate | 1617-09338 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-09355 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Postgraduate | 1617-09399 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-00060 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00069 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00074 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00295 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-00418 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00419 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-00421 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-00423 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00433 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-00477 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00538 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00594 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-00867 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00923 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-00938 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-00963 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Professional | 1617-00964 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Professional | 1617-01045 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-01156 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Professional | 1617-01164 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-01312 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-07066 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07121 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07164 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-07272 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07291 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07299 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-07333 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07357 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07382 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07415 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-07449 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07516 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-07520 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-07559 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-07676 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07716 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-07769 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Professional | 1617-07874 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-07881 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-07974 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08013 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-08061 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08065 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08152 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| Professional | 1617-08224 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08245 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08249 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08266 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08297 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08303 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08322 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08365 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08383 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08400 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08416 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08428 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08452 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08491 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08492 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08493 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08495 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Professional | 1617-08496 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08503 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08505 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-08526 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Professional | 1617-08528 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08529 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08532 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08548 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08549 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08550 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08552 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08553 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08555 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08601 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-08728 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08734 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08736 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08764 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08768 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08785 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08796 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08808 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-08848 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08892 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08933 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-08943 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Professional | 1617-08965 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-08998 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-09011 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-09024 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-09029 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-09123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-09236 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-09246 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Professional | 1617-09322 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Professional | 1617-09324 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-09393 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Professional | 1617-09398 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |

Prof. B Sai Giridhar
**REGISTRAR**

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

## 1.4.2 Action taken report of admissions exit survey

Exit survey is conducted for the candidates who take the entrance test for admission to the Sri Sathya Sai Institute of Higher Learning. Candidates, in the survey, select options through which they get to know about the Institute. Candidates get information about the Institute broadly through the various means namely website, word of mouth, posters, emailers, WhatsApp campaigns, Sanathana Sarathi monthly magazine published by Sri Sathya Sai Books and Publications Division located in Prasanthi Nilayam and other third-party promotional agencies.

### Survey highlights:
The survey presents the percentage of students getting to know about the Institute. The candidates have the option to select one or more mode of communication through which they get informed about the institute and various programmes offered in the institute for admission.
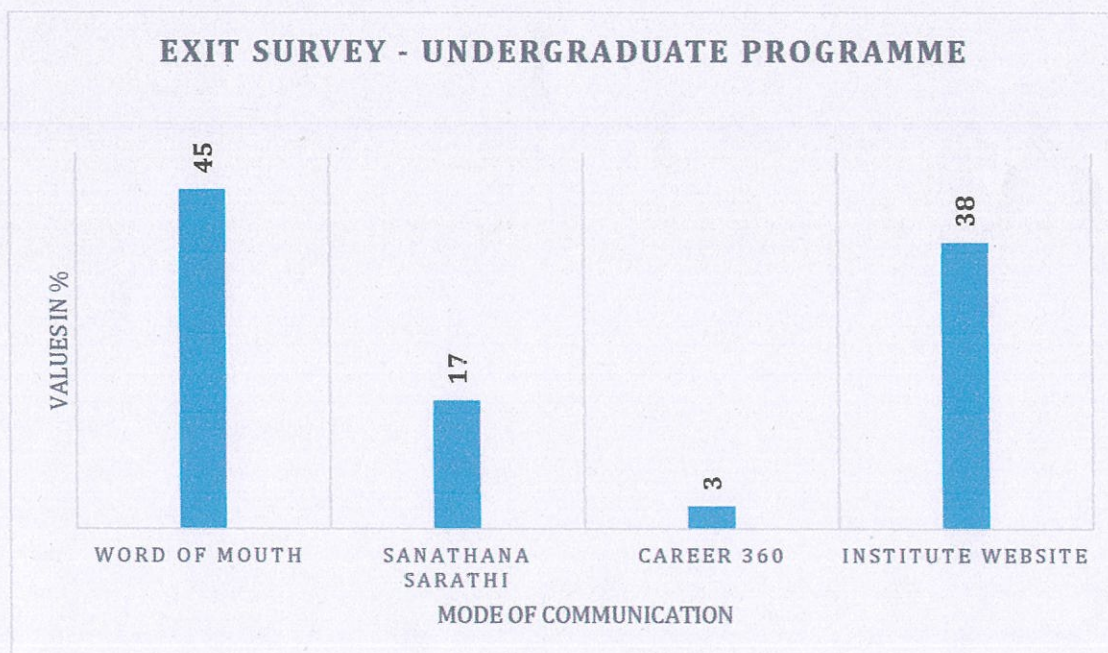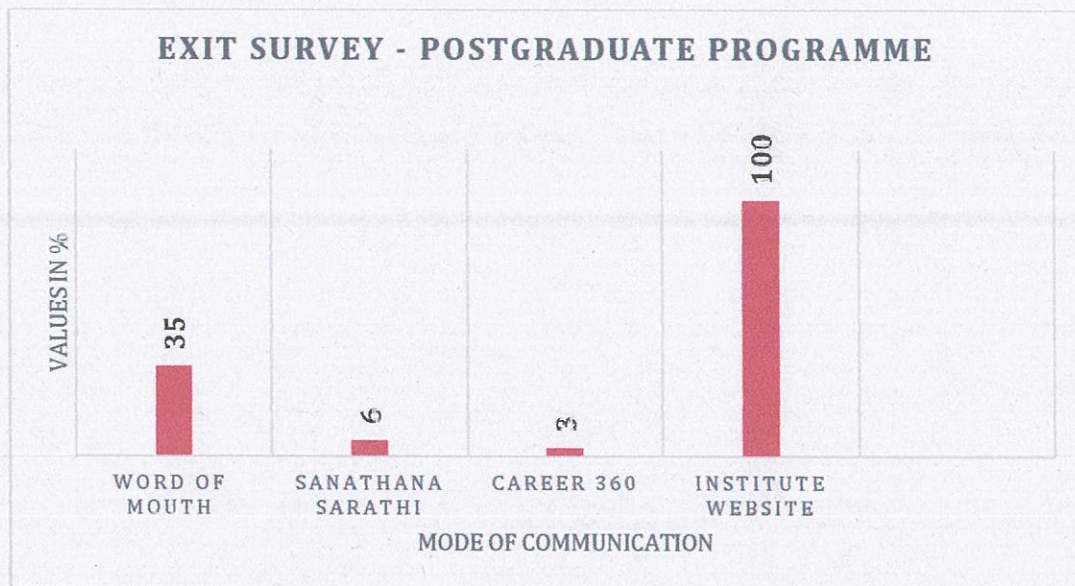


Figure. 1: Exit survey for Undergraduate Programme
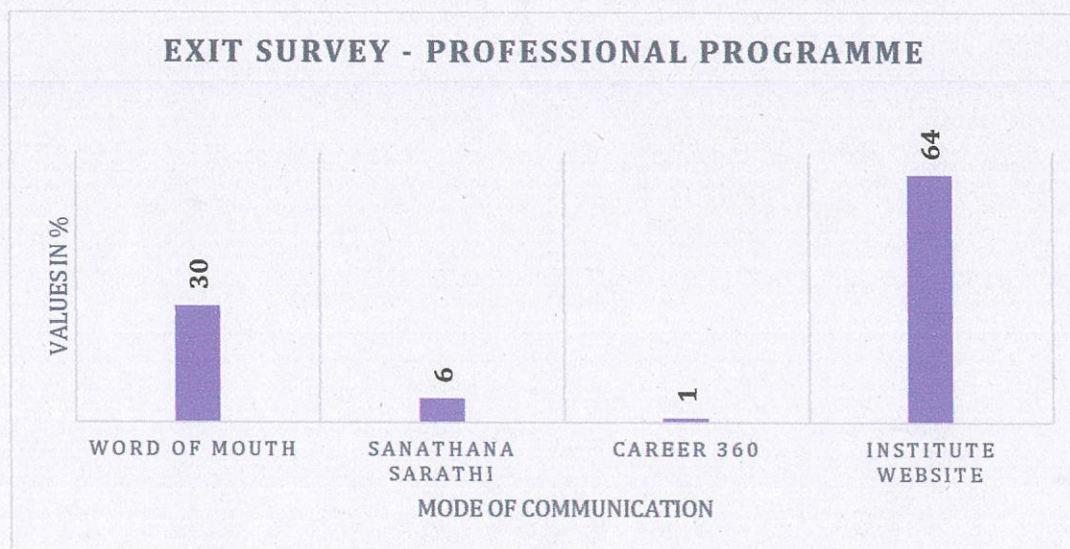
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**EXIT SURVEY - POSTGRADUATE PROGRAMME**

VALUES IN %

| WORD OF MOUTH | SANATHANA SARATHI | CAREER 360 | INSTITUTE WEBSITE |
| 35 | 6 | 3 | 100 |

MODE OF COMMUNICATION

Figure.2: Exit survey for Postgraduate Programme



**EXIT SURVEY - PROFESSIONAL PROGRAMME**

VALUES IN %

| WORD OF MOUTH | SANATHANA SARATHI | CAREER 360 | INSTITUTE WEBSITE |
| 30 | 6 | 1 | 64 |

MODE OF COMMUNICATION

Figure. 3: Exit survey for Professional Programme

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- About 45% candidates of UG programme; 100% of candidates of PG programmes; and 64% of candidates of Professional programmes got information about the Institute through website.
- About 17% candidates of UG programme; and 6% of candidates of various Professional programme got information about admissions through posters, emailers, WhatsApp, Sanathana Sarathi monthly magazine.
- About 38% of candidates of UG programmes; and 35% of PG and 30% of Professional programmes got information about admissions through word of mouth.
- 3% of candidates in UG programmes, 3% candidates in PG programmes and 1% of candidates in the professional programmes got information about the Institute from Career 360 portal and Career 360 magazine.

### Important Findings:
- Higher proportion of prospective applicants got information about admissions through website and word of mouth.
- A very small percentage of applicants came to know about the Institute through third-party promotional agencies. It is evident that a greater number of applicants are getting information about our Institute through word of mouth and website.

### Action Taken

**To increase dissemination of information about our Institute and maintain the diversity of students from all states we have undertaken** the following steps:
- Soft copies of the admission posters are shared on the social media sites.
- Website is constantly revamped and updated based on the feedback received. A new user-friendly website has been launched to facilitate easy navigation to the prospective applicants.
- Presentation about the unique philosophy of the Institute to all the office bearers of Sri Sathya Sai Seva Organisations pan India.
- Sending admission posters to all renowned CBSE schools, 99 Sri Sathya Sai Schools, A Grade Universities/Colleges.
- Sending around 2000 admission posters to all State Presidents of Sri Sathya Sai Seva Organisations to inform the various *samithis* in their state.

Registrar

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REGISTRAR
Sri Sathya Sai Institute of Higher Learning
(Deemed to be University)
Vidyagiri, PRASANTHI NILAYAM
Anantapur Dt. A.P. - 515 134

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# Submission to NAAC



# 360 Degree Review

# SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING
(Deemed to be University)

SSSIHL/18-19/11                    December 1, 2018

The Director
Sri Sathya Sai Institute of Higher Learning
Anantapur Campus

Dear Madam

The Vice-Chancellor and the undersigned will be visiting Anantapur Campus on 4th December, 2018, to interact with the students, faculty members and staff to discuss requirements of the Campus as part of 360 degree review.

With warm regards,

Yours sincerely,

Registrar

SSSIHL/18-19/118                                    September 21, 2019
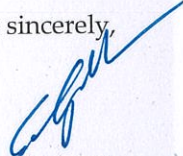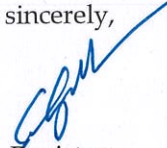
The Director
SSSIHL
Brindavan Campus

Dear Sir

The Vice-Chancellor and the undersigned will be visiting Brindavan Campus on 25th September , 2019, to interact with the students, faculty members and staff to discuss  requirements of the Campus  as part of 360 degree review .

With  warm  regards,

Yours sincerely,

Registrar

SSSIHL/18-19/85                                December 5, 2018

The Director
SSSIHL
Prasanthi Nilayam Campus

Dear Sir

The Vice-Chancellor and the undersigned   will be visiting Prasanthi
Nilayam  Campus on 8th December , 2018, to interact with the students,
faculty members and staff to discuss  requirements of the Campus  as
part of 360 degree review.

With warm  regards,

Yours sincerely,

Registrar

SSSIHL/18-19/155                              September 21, 2019

The Deputy Director
SSSIHL
Muddenahalli Campus

Dear Sir

The Vice-Chancellor and the undersigned will be visiting Muddenahalli Campus on 25th September, 2019, to interact with the students, faculty members and staff to discuss requirements of the Campus as part of 360 degree review.

With warm regards,

Yours sincerely,

Registrar

**1.4.2- Action Taken Report of $360^0$ review**

Based on the requirements as attached in the following documents as gathered from $360^0$ review of Anantapur Campus, Brindavan Campus, Muddenahalli Campus and Prasanthi Nilayam Campus different works were undertaken.

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# LIST OF WORKS TO BE UNDERTAKEN AT ANANTAPUR CAMPUS

1. Construction of a set of 6 quarters for hostel workers who are right now living in dilapidated house.
2. The possibility of constructing one or two floors on top of the dining hall of the Hostel in order to enhance accommodation for the students (who are presently residing in Extension Building 2 : "EB2"). This "EB2" space could be used for running PG programes.
3. Structural repairs in the Hostel for greater durability of the building, and fixation of mesh in the corridors for greater security of students.
4. Provision of cold storage facility in the hostel to preserve perishable foods.
5. Enclosure to be made for the area used for vegetable cutting in the hostel (which is currently open).
6. Renovation and re-touching of paintings on the sides of the marble floor in the main building of the College since these paints have become faded and in places disfigured.
7. Construction of a wash room/toilet next to the sentry box near the main gate of the Campus for the use of male visitors, watchmen, bus drivers (who come to the Campus to pick up students for Parthi trips, etc.)
8. Minimum lighting on Bhagawan's property beyond the Campus wall near the playfield. The security finds it difficult to take rounds in the night in the thickly wooded area which is infested with snakes and wild pigs. Solar lamps were tried but they were not bright enough and they need to be carried around which is inconvenient for the security. At present the security has been provided with two good torches, but this is not sufficient.
9. Construction of a Campus Analytical Laboratory cum Instruments Facility next to the Workshop – of a possible dimension of 40 ft. x 100 ft.

10. After CCTV networking is complete, new tarmac road for the entire Campus to be laid.
11. After the widening of the highway , a side walk / pavement to be made, wall height could be increased and the wall of the Campus painted and then fortified by fencing to prevent miscreants from defacing the walls of our property.
12. The roofing and side wall on the second floor of the main building is falling to pieces due to rain water seepage and need to be buttressed.

# Works to be carried out at Campuses of the Institute

## Prasanthi Nilayam Campus

1) Works in museum attached to College of Music

## Anantapur Campus

1) Construction of six quarters for workers
2) Possibility of constructing one or two floors on top of dining hall
3) Cold storage facility in hostel
4) Provision of grill for verandah area of corridor of hostel / and testing the verandah strength
5) Provision of wash room /toilet in the sentry area
6) Fixing of lights in the open area beyond playground
7) Relaying of roads for the entire Campus and increasing the height of compound wall with fencing.
8) Repair of boundary wall wherever it is required to avoid encroachment beyond the playground
9) Repair and renovation of toilets in the Hostel and Institute
10) Provision of enclosure for vegetables cutting room

## Brindavan Campus

1) Concreting of squash court
2) Watchman's shelters
3) Staff quarters for contingent staff
4) Residential accommodation ( 8 in guest house and 4 in Gokulam). Old residential block of Ashram

## Muddenahalli Campus

1) Staff Quarters

# Works to be carried out in Brindavan Campus

A) Water proofing of Saraswati statue and painting
B) Changing of roof of auditorium, prayer hall and table tennis room
C) Storage space ,Presently three class rooms are used for storage of materials
D) Water proofing of corridor roof
E) Indoor shuttle badminton court
F) Concreting of squash court
G) Watchman's shelters
H) Borewell
I) Gymnasium, stage wise
J) Staff quarters for contingent staff
K) Residential accommodation ( 8 in guest house and 4 in Gokulam). Old residential block of Ashram
L) Rain water harvesting
M) Garbage disposal facility