



# **SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING**

(Deemed to be University)

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**Mandatory Disclosure  
of  
MBA, M.Tech.(Computer Science), and  
M.Tech.(Optoelectronics and Communications) Programmes**

**Jan 2019**

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AICTE Application No.: 1-4347548601

The following information shall be given in the information Brochure besides being hosted on the Institution's official Website.

The onus of the authenticity of the information lies with the Institution ONLY and not on AICTE.

1. Name of the Institution: Sri Sathya Sai Institute of Higher Learning  
(Deemed to be University)  
Vidyagiri, Prasanthi Nilayam  
Anantapur District  
Andhra Pradesh

- Address including Telephone- 08555287235, Mobile: 6300730140 Email- registrar@sssihl.edu.in

2. Name and address of the Trust and the Trustees

Sri Sathya Sai Institute of Higher Learning (Public Charitable Trust)

- Address including Telephone, E-Mail

Sl. No.	Name	Address	Phone	Email
1	Justice Ajay Prakash Misra	27, Park road, Allahabad-211 002	08555289799	justapmisra@yahoo.co.in
2	Prof. S.P. Thyagarajan	Director & Chief Advisor (Research) Sri Ramachandra University Porur, Chennai- 600112	08555289799	profspt@gmail.com sptrajansrmc@gmail.com
3	Sri R. J. Rathnakar	D.No. 2-501, Shivalayam Street, Puttaparthi, Anantapur dt. Pin: 515 134	08555289799	rathnakarrj@yahoo.co.in
4	T.K.K. Bhagawat	4072, "Padma" 30th cross, Banashankari, II stage, Bangalore-560070	08555289799	bhagavattkk@gmail.com
5	S.S. Naganand	"Keshava Nivas", 24, Kalidasa Road, Gandhi Nagar, Bangalore-560 009	08555289799	Nagand.ss@gmail.com

### 3. Name and Address of the Vice Chancellor

- Address including Telephone, Mobile, E-Mail

Prof. K B R Varma  
Vice-Chancellor  
Sri Sathya Sai Institute of Higher Learning  
(Deemed to be University)  
Vidyagiri, Prasanthi Nilayam  
Anantapur District  
Andhra Pradesh  
Pin: 515134

Phone: 08555 289982  
Mobile: 9440911391, 6300730140  
Email: vc@sssihl.edu.in

### 4. Name of the affiliating University: Not applicable

## 5. Governance

- Members of the Board of Management and their brief background
  - Prof. K B R Varma, Vice-Chancellor, SSSIHL (Chairman)
  - Sri S S Naganand, Member, Sri Sathya Sai Central Trust, Nominee, SSSIHL (Public Charitable Trust)
  - Dr. (Ms.) Renu Swarup, Senior Advisor, Dept. of Biotechnology, Ministry of Science & Technology, and Managing Director, Biotechnology Industry Research Assistance Council (BIRAC)
  - Dr. Sandip Chatterjee, Officer on Special Duty/Scientist F, Ministry of Electronics and Information Technology, Govt. of India
  - Prof. Srinivasan Chandrasekaran, Professor (Hon.), Dept. of Organic Chemistry, Indian Institute of Science
  - Prof. S Siva Sankara Sai, Dean, Faculty of Sciences, SSSIHL
  - Prof. (Miss) Rajeshwari C Patel, Dean, Faculty of Economics & Humanities, SSSIHL
  - Prof. G Nageswara Rao, Head, Dept. of Chemistry, SSSIHL
  - Prof. R Prabhakara Rao, Head, Dept. of Economics, SSSIHL
  - Dr. B Sai Giridhar, Registrar, SSSIHL (Member Secretary)
  
- Members of Academic Council

External members:

- Prof. H P Khincha, Dept. of Electrical Engineering, Indian Institute of Science, Bangalore
- Prof. Gopal Naik, Dean, Indian Institute of Management, Bengaluru
- Prof. S B Krupanidhi, Materials Research Centre, Indian Institute of Science, Bangalore
- Dr. N R Munirathnam, Director General, Centre for Materials for Electronics Technology (C-MET), Ministry of Electronics and Information Technology (MeitY), Govt. of India, Pune
- Prof. Ram Rajasekharan, Director, Central Food Technological Research Institute (CFTRI), Council of Scientific and Industrial Research (CSIR), Mysore
- Dr. V Natarajan, Director, Research & Innovation Centre, IIT Madras Research Park, Chennai

Vice-Chancellor: Chairman

Member Secretary: Registrar

Internal members: All HoDs, All Directors of four Campuses and two senior faculty under the category of Associate Professor, Asst. Professor each.

- Frequently of the Board Meeting and Academic Council

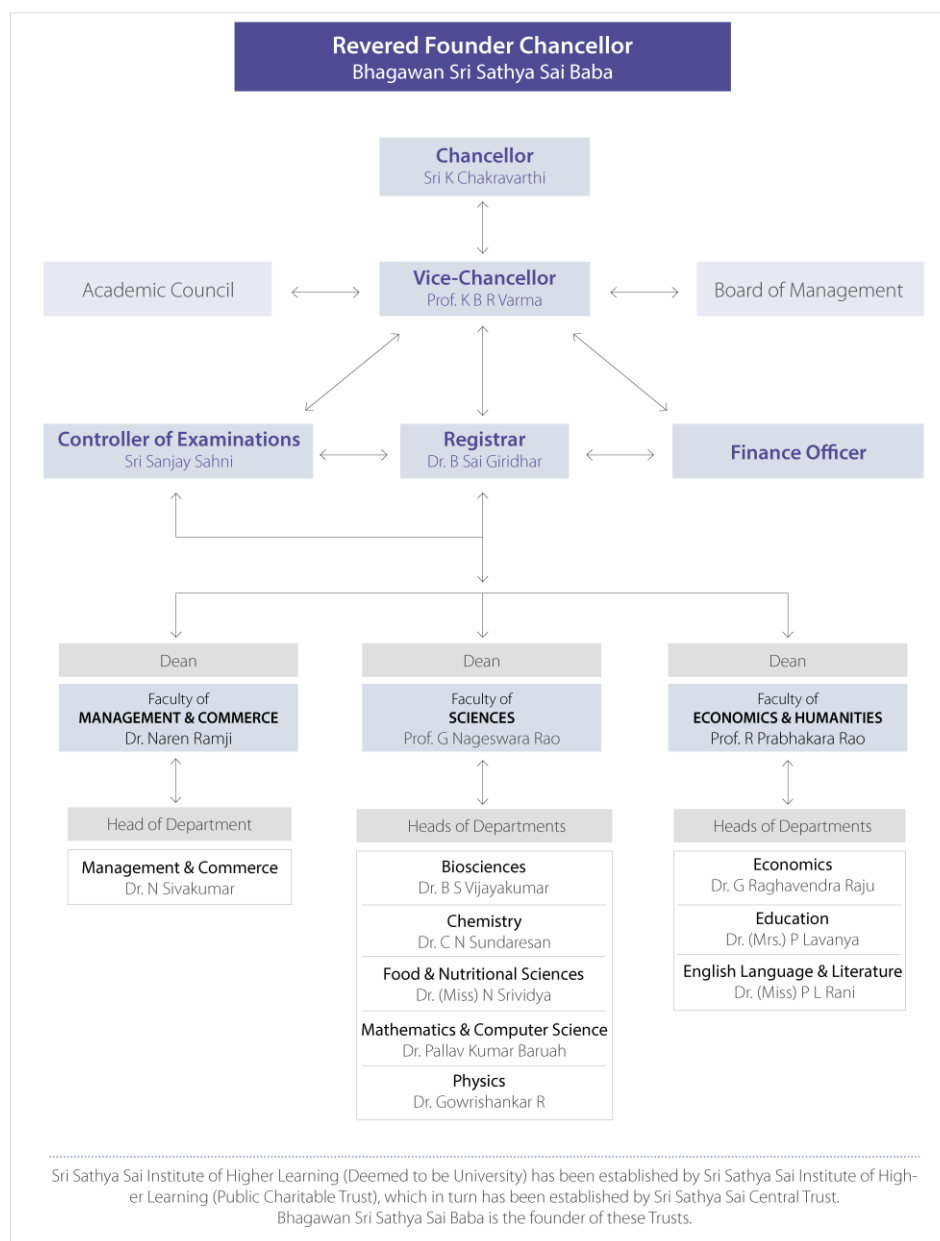
Board of Management: Twice in a year.

The Board of Management met on 14<sup>th</sup> October 2017, 18<sup>th</sup> February 2018, 1<sup>st</sup> July 2018

Academic Council: Once or twice in a year.

The Academic Council met on 11<sup>th</sup> October 2017 and 15<sup>th</sup> October 2018.

- Organizational chart and processes



- Nature and Extent of involvement of Faculty and students in academic affairs/improvements

Committees that cater to academic standards at SSSIHL

- Academic Council
- Research Conferment Cell
- Board of Studies
- Institutional Ethics Committee
- Institutional Biosafety Committee
- Institute Industry Interface Cell (IIC)
- Alumni Business meet

Committees that cater to quality of life at the different Campuses of SSSIHL

- Campus-Hostel Management Committee
- Leadership Committee

Committees that cater to governance at SSSIHL

- Board of Management
- Planning and Monitoring Board

- Mechanism/ Norms and Procedure for democratic/ good Governance

i) Board of Management:

The Board of Management is in charge of the general management and administration of the Deemed University, inclusive of creation of posts, teaching and non-teaching. The Board of Management also has the power to constitute and lay down the functions and powers of the Selection Committees for selecting the teaching and non-teaching staff, Building and Works Committee, Examination Committee, Research Committee and such other Committees as it may deem necessary.

ii) Academic Council:

The Academic Council is the principal academic authority of the Deemed University and it shall have general control of teaching and of determining the Courses of study within the Deemed University and is responsible for the maintenance of standards of education and examinations within the Institute.

iii) Board of Studies:

Board of Studies is responsible for framing and initiating or revising Courses of studies and teaching methods and making suggestions regarding evaluation procedures and other academic matters concerning their subjects.

iv) Finance Committee:

The Finance Committee examines and scrutinizes the proposed budget of the Institute and makes recommendations to the Governing Body, and also considers all proposals for new expenditure and makes recommendations on the same to the Governing Body.

v) Internal Quality Assurance Cell:

The IQAC (Internal Quality Assurance Cell) as a directive by NAAC, checks/suggests/monitors all quality measures of the Institute w.r.t. the modalities stated therein.

vi) Research Conferment Cell:

Functions of the Research Conferment Cell:

- Inviting departmental views on the intake of Ph.D students (Numbers existing on rolls and number of vacancies in each department)
- Monitoring the progress of research and sponsored projects with the help of the respective Deans
- To facilitate preparation of major Research Project proposals (if requested) for submission to external agencies.
- Review of academic regulations governing Doctoral Research Programme.
- Vetting report on the performance of the Research Scholar in the Comprehensive Viva voce prepared by the Research Supervisor and forwarding the same to the Registrar for approval of the Vice-Chancellor.
- Plagiarism: Vetting the soft copy of the Doctoral Research Thesis and detailed justifications / clarifications provided by the Research Supervisor against each of the items in the plagiarism report and endorsing the thesis to be free of plagiarism.
- Vetting the report on the colloquium, and the synopsis of the thesis for onward transmission to the Controller of Examinations with 4 copies of the thesis for the purpose of evaluation of the thesis.
- Vetting of Panel of Examiners proposed by the Research Supervisor for evaluating Ph.D. thesis, for onward transmission to the Controller of Examinations.
- Any other academic matters as assigned by the Vice-Chancellor.

vii) Planning and monitoring Board:

- The Planning & Monitoring Board shall be the principal Planning Body of the Institute and shall be responsible for the monitoring of the development programmes of the Institute.
- The Vice-Chancellor shall be the Chairman of the Planning & Monitoring Board. The Registrar shall be its Secretary. It may include seven internal

members and three outside eminent experts, including one nominee of the UGC.

- viii) Campus-Hostel Management Committee and Anti-ragging Committee:
  - The four campuses and hostels of SSSIHL are important and co-dependent and complementary parts of the Institute. This committee deliberates and approves all decisions pertaining to the Campus and Hostel to ensure smooth functioning of the Campus-Hostel dyad.
  - Issues related to faculty and students, curricular, co-curricular and extra-curricular activities of students, management, parity across campuses, campus-working schedule, campus-workers' welfare, facilities like bathroom complex in the hostel, garbage disposal, sports, cultural & self-reliance calendar, access of IT infrastructure to the students were discussed regularly in the CHMC and Anti-ragging meetings.
- xi) Leadership Team for Quality Assurance:
  - Leadership Team consisting of Vice-Chancellor, Registrar, Controller of Examinations, Directors of the Campuses, Wardens of the Campuses, Heads of Departments and Associate Heads of Departments of the Institute has been established in 2015. Periodical meetings are being held ever since.
  - This team takes leadership role in all the academic and administrative matters. Points discussed in this meeting were on the topic of Sri Sathya Sai System of Integral Education and how to effectively implement it in the dynamically changing world of today. Detailed deliberations were held on aspects like effective student mentoring, awareness courses, need for cooperation from parents, more teacher's workshops and orientation programmes, collective ownership of students by teachers etc.
- Student Feedback on Institutional Governance/ Faculty performance
  - Online Teaching Quality feedback is in place for students to give their inputs about the teaching. The feedback is analyzed and relevant action is taken wherever necessary. All the online grievance comes to Registrar and with comments goes to Vice-Chancellor and respective heads for quality and rehabilitative actions.
  - In order to ensure that the academic curriculum of the Institute is in sync with the developments happening in the scientific, economic and business world, regular interactions are held with the alumni, employers, members from the scientific and business community. Interactions are also held with parents and students of the

Institute to analyse and study the impact of the inputs on their career and all round personality development.

- The Alumni actively participate in providing feedback on the practical relevance of the courses that they have undergone on their work/profession. They also share the new developments which have happened in the field of their work/profession, which may be included as a part of the curricula. They help the alma mater in the conduct of annual workshops, seminars, and conferences. They are a part of the placement structure for the outgoing batch of students each year by running a programme which makes the students industry ready.
- The feedback from different stakeholders are factored in the curricular design and upgradation, like starting new courses, new chapters to the syllabi of several courses in various disciplines and modifying the curriculum vis-à-vis the latest trends in the industry and academia.
- Students: Through formal and informal interactions in and outside the classroom and through written course-wise feedback every semester. The students also have interactions with the HoDs, Director, senior faculty and administration where their inputs are taken.
- Grievance Redressal mechanism for Faculty, staff and students
  - In tune with the philosophy of the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba, high quality education is imparted TOTALLY FREE OF COST to all the students for all courses of study. The students and staff in the institute stay in a spirit of camaraderie following the dictum of Revered Founder Chancellor- Each lives for the other and all live for God.
  - The senior and junior students live as one family, which facilitates cooperation and not competition among the students. The concept of ragging is unheard of in Sathya Sai Hostels.
  - Grievance redressal mechanism exists. A student can approach his/her room teacher with his/her grievance. If the student is not satisfied, the student can approach the floor teacher, warden and the Campus Hostel Management Committee (CHMC) in that order for the redressal of his/her grievance. If still not satisfied the matter can be escalated to the Vice-Chancellor.
  - The preceptorial system that ensures that each student has a teacher who is a mentor and helps the student develop a holistic personality. Mentors also review the progress of their mentees and make a collective and comprehensive review during the mentors' meetings.



- Establishment of Anti Ragging Committee

In this unique institution, the concept of Ragging is unheard of. All the students be it seniors or juniors stay as one big family with the spirit of Each lives for the other and all live for god. Having said that, a committee on Anti Ragging has been constituted with all the specifications mentioned in AICTE guidelines.

- Establishment of Online Grievance Redressal Mechanism

Online Teaching Quality feedback is in place for students to give their inputs about the teaching. The feedback is analyzed and relevant action is taken wherever necessary. All the online grievance comes to Registrar and with comments goes to Vice-Chancellor and respective heads for quality and rehabilitative actions.

- Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

Mrs. Savithri S Vinayak, Retired District Judge, is OMBUDSMAN of Sri Sathya Sai Institute of Higher Learning.

- Establishment of Internal Complaint Committee (ICC)

Established on 29<sup>th</sup> Jan 2019.

- Establishment of Committee for SC/ ST

Established on 29<sup>th</sup> Jan 2019.

- Internal Quality Assurance Cell

Established in 2004. Last meeting held in 8<sup>th</sup> Sept 2018.

## 6. Programmes

- Name of Programmes approved by AICTE

- 1) Master of Business Administration (MBA)
- 2) Master of Technology (Computer Science)
- 3) Master of Technology (Optoelectronics and Communications)

- Name of Programmes Accredited by AICTE
  - 1) Master of Business Administration (MBA)
  - 2) Master of Technology (Computer Science)
  - 3) Master of Technology (Optoelectronics and Communications)

- Status of Accreditation of the Courses

DU/AICTE expert committee visit approval letter No.F.No.6-52/2001(CPP-I/DU) dt.16.1.2018 for MBA, MTech.(Computer Science) and M.Tech.(Optoelectronics and Communications) along with other degrees.

- 1) Master of Business Administration (MBA):  
AICTE approval letter no.431/40-30/ET-APR(M)/95 dt.13.8.2009 (Period of approval 2009-10)
- 2) Master of Technology (Computer Science):  
AICTE approval letter no.441/GEN/BOS(PG)/95 dt.21.8.2003 (Period of approval 2003-05)
- 3) Master of Technology (Optoelectronics and Communications):  
AICTE approval letter no.441/GEN/BOS(PG)/95 dt.21.8.2003 (Period of approval 2003-05)

- Total number of Courses: 3
- No. of Courses for which applied for extension of Accreditation: 3
- Status of Accreditation – Preliminary / Applied for SAR and results awaited / Applied for SAR and visits completed / Results of the visits awaited / Rejected / Approved for ..... Courses
  - Applied for extension of approval of recognition in 2019 for MBA, M.Tech.(Computer Science) and M.Tech.(Optoelectronics and Communications)
- For each Programme the following details are to be given:
  - Name
    - 1) Master of Business Administration (MBA)
    - 2) Master of Technology (Computer Science)
    - 3) Master of Technology (Optoelectronics and Communications)

- Number of seats
  - 1) Master of Business Administration (MBA) = 60
  - 2) Master of Technology (Computer Science) = 18
  - 3) Master of Technology (Optoelectronics and Communications) = 18
- Duration
  - 1) Master of Business Administration (MBA) = 2 years
  - 2) Master of Technology (Computer Science) = 2 years
  - 3) Master of Technology (Optoelectronics and Communications) = 2 years
- Cut off marks/rank of admission during the last three years-

	2018-19	2017-18	2016-17
MBA	Women students: 35.72% and above	Women students: 39.90% and above	Women students: 48.87% and above
	Men students: 35.49% and above	Men students: 36.90% and above	Men students: 47.28% and above
MTech.(CS)	43.41% and above	21.89% and above	28.75% and above
MTech.(OEC)	45.38% and above	38.17% and above	54.71% and above

- Fee

**In tune with the philosophy of the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba, high quality education is imparted TOTALLY FREE OF COST to all the students for all programmes of study including professional programmes such as MBA, M.Tech.(Computer Science) and M.Tech.(Optoelectronics and Communications)**

- Placement Facilities

Placement facilities exists. Sri Arvind Hejmadi is the Placement Officer.

The Alumni actively participate in providing placement structure for the outgoing batch of students each year by running a programme which makes the students industry ready. The employers of our students generally use the alumni who are a part of the placement team, to share feedback on the performance of the newly recruited students to reinforce the current practices adopted by the various departments of the institute and at times also suggest introduction of new techniques which can further augment the skill set of the students. This enhances the placement opportunity of students.

- Campus placement in last three years with minimum salary, maximum salary and average salary

<i>On campus</i>			<i>Off Campus</i>			
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed	Minimum Salary( per annum)	Average Salary (per annum)	Maximum Salary (per annum)
2017-18: 21	95	80	12 **	100000	712000	4500000
2016-17: 22	128	97	31**	100000	672000	4850000
2015-16: 33	125	82	43 **	100000	679000	4000000

\*\* The off-campus placements are also done by alumni referrals.

Our Placement Officer has close interaction with Business and Industry and, therefore, many organizations are aware of the institute's Philosophy, functioning, academic excellence and positive attitude of the students. They also know of the uniqueness of the Integral Education system of the institute, with its special emphasis on moulding the students into a wholesome and balanced personality- academically Sound and Spiritually Aware. Many organizations, who have employed our students and observed their competence and sense of commitment to basic values, seek our graduates repeatedly. Most of these graduates are occupying good and rewarding positions in India and abroad and many of them have progressed to very senior levels.

The alumni of the institute play an important role in helping graduating students find suitable employment opportunities in their chosen vocation.

They achieve this through an outreach programme called CATALYST (Corporate Aptitude Training – an Arena to Leverage Your Skills and Talents) where graduating students are coached in preparing résumés, the application process, interview techniques, networking and the like. The programme has been very successful.

Name and duration of programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

**NOT APPLICABLE**

Details of the Foreign University






- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration
- For each Programme Collaborated provide the following:
  - Programme Focus
  - Number of seats
  - Admission Procedure
  - Fee
  - Placement Facility
  - Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval

## 7. Faculty

- Branch-wise list Faculty members:
  - 1) Master of Business Administration (MBA) = 2 years
  - 2) Master of Technology (Computer Science) = 2 years
  - 3) Master of Technology (Optoelectronics and Communications) = 2 years
- Permanent Faculty
  - 1) Master of Business Administration (MBA)

### Prasanthi Nilayam Campus:









#### Department of Management and Commerce

Photo	Employee Number	Name	Designation	Date of Birth
	4303	Dr. Naren Ramji	Dean, Faculty of Management & Commerce	10.4.1963
	5128	Dr. N. Sivakumar	Head of the Department, Associate Professor	11.02.1967
	4291	Sri Amit Sood	Associate Professor & Associate Head	8.2.1971
	4292	Sri Vivek Kapoor	Associate Professor	1.11.1964
	3234	Prof. Racherla Kumar Bhaskar	Honorary Professor	03.09.1952


	3164	Sri R Renju	Information Scientist	26.05.1968
	3211	Dr. Deepak Anand	Associate Professor	10.07.1970
	3217	Dr. Subramanian S	Assistant Professor	23.12.1978
	3228	Sri Prakash Sharma V N	Assistant Professor	27.07.1962
	3253	Dr. N Niranjana	Asst. Professor	23.10.1973
	--	Sri Arvind Hejmadi	Honorary Associate Professor Placement Officer	17.04.1949
	3245	Dr. Sanjay Mahalingam	Assistant Professor	11.02.1980

Anantapur Campus:

Department of Management and Commerce



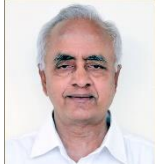




Photo	Employee Number	Name	Designation	Date of Birth
	Nil	Prof.(Ms) N Niranjana	Honorary Professor & Associate Head	21/08/1950
	1129	Prof. Ch. Radha Kumari	Professor	29/08/1959
	1150	Dr.(Ms.) T R Rajeswari	Associate Professor	14/03/1959
	1175	Dr.(Ms.) U Suma	Associate Professor	19/01/1970
	1225	Dr.(Mrs.) N Jayaprada	Assistant Professor	04/04/1976
	1241	Dr.(Mrs.) G Padmavathy	Assistant Professor	04/07/1975
	1242	Dr.(Mrs.) Swetha Thiruchanuru	Assistant Professor	14/07/1987
	1234	Mrs. Akansha Aggarwal	Assistant Professor	18/07/1990








		2237	Mrs. V Aparna	Assistant Professor	17/08/1992
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2) Master of Technology (Computer Science)



Department of Mathematics and Computer Science







Photo	Employee Number	Name	Designation	Date of Birth
	3174	Dr. Pallav Kumar Baruah	Head, Associate Professor	27-Aug-65
	Nil	Prof. V Chandrasekaran	Honorary Professor	08-Aug-51
	3229	Dr. K S Sridharan	Honorary Professor	09-Nov-50
	3179	Dr. R Raghunatha Sarma	Associate Professor	03-May-70
	3205	Dr. S Balasubramanian	Asst. Professor	11-Aug-79
	3214	Dr. N Uday Kiran	Asst. Professor	03-May-81
	3240	Dr. Krishna Kiran Vamsi Dasu	Asst. Professor	17-Feb-84

	3239	Sri Srikanth Khanna	Asst. Professor	03-Nov-80
	3233	Sri Sai Shyam	Asst. Professor	15-Jan-85
	4300	Sri B V K Bharadwaj	Asst. Professor	25-Feb-84
	4284	Dr. Praveen Kumar Lavudi	Asst. Professor	05-Jun-86
	3273	Dr. M S Srinath	Asst. Professor	01-Dec-85

3) Master of Technology (Optoelectronics and Communications)

Department of Physics

Photo	Employee Number	Name	Designation	Date of Birth
	3141	Prof. S Siva Sankara Sai	Dean, Faculty of Sciences, Professor, Department of Physics	15-Jun-61
	3186	Dr. R Gowrishankar	Head, Associate Professor	05-Aug-76
	3218	Dr. Vijay Sai K	Asst. Professor	24-Aug-80

	3237	Dr. Sai Muthukumar V	Asst. Professor	10-Mar-83
	3258	Dr. Shailesh Shrivastava	Asst. Professor	19-May-66
	3251	Sri Muralikrishna Molli	Asst. Professor	05-Jan-86
	3262	Dr. Krishna Chaitanya V	Asst. Professor	10-May-80
	4304	Dr. Paramesh G	Asst. Professor	10-Jun-86
	4307	Dr. Swarup Kundu	Asst. Professor	01-Jun-86

- Adjunct Faculty: Nil
- Permanent Faculty: Student Ratio
  - 1) Master of Business Administration (MBA) – 2 years = Boys 12 : 55, Girls 9 : 39
  - 2) Master of Technology (Computer Science) – 2 years = 12 : 24
  - 3) Master of Technology (Optoelectronics and Communications) – 2 years = 9 : 14
- Number of Faculty employed and left during the last three years
  - 1) Master of Business Administration (MBA) = 6

8. Profile of Vice Chancellor/ ~~Director/ Principal/ Faculty~~

For each Faculty give a page covering with Passport size photograph

i. Name: Prof. K B R Varma, Vice-Chancellor

ii. Date of Birth: 01/06/1950

iii. Unique id: 7294

iv. Education Qualifications: M.Sc., Ph.D.

v. Work Experience:

- Teaching: 36 years
- Research: 42 years
- Industry: Nil
- Others: Nil

S. No.	Position held	Duration	University / Institution
1.	Chairman, Materials Research Centre	2010-14	Indian Institute of Science, Bangalore
2.	Professor	2004-10	Indian Institute of Science, Bangalore
3.	Associate Professor	1998-04	Indian Institute of Science, Bangalore
4.	Asst. Professor	1993-98	Indian Institute of Science, Bangalore
5.	Senior Lecturer	1989-93	Indian Institute of Science, Bangalore
6.	Scientific Officer	1983-89	Indian Institute of Science, Bangalore
7.	Senior Project Officer	1982-83	Indian Institute of Technology, Chennai
8.	Senior Research Associate	1981-82	PSG College of Technology, Coimbatore

vi. Area of Specialization:

- a) Functional Ceramics
- b) Glass-Ceramics
- c) Single Crystal Growth
- d) Ferroelectrics and Electro-Optics

vii. Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level: Nil

viii. Research guidance

- No. of papers published in National/ International Journals/ Conferences: 300
- Master: Nil
- Ph.D.: 30

ix. Projects Carried out:

**List of sponsored research projects with their source of funding  
(pertaining to Management, DMACS, Physics)**

Year Wise	Number	Name of the project	Name of the Funding Agency	Total grant received
<b>Other agencies - national and international</b>				
2014 to 2017	1	<i>Diabetic Retinopathy Screening Tool, Prof. V Chandrasekaran</i>	Zentron Labs Bangalore	₹ 10 lakhs
2014 to 2017	1	<i>Near-Real-Time Super Resolution of Aerial Video (Visual and IR) Sequences for Defence Applications, Prof. V Chandrasekaran &amp; Sri Srikanth Khanna</i>	DRDO ER & IP, Delhi	₹ 48.76 lakhs
2013 to 2018	1	<i>Regiospecific Functionalisation of Anisotropic Nanoparticles and Implications towards Generation of Plasmonic Metal Nanoclusters, Dr. S Prathap Chandran</i>	DST	₹ 35 lakhs
2012 to 2015	1	<i>Elliptic curve cryptography - Prof. V Chandrasekaran.</i>	ISRO-RESPOND	₹ 17.7 lakhs
2011 to 2015	1	<i>An ensemble of Image Segmentation algorithms for Medical and Aerial Images, Dr. S Balasubramanian and Dr. R Raghunatha Sarma</i>	DRDO	₹ 41.4 Lakhs
2012 to 2015	1	<i>Modification of a planar gamma camera and its upgradation for supporting education, training and research in medical imaging, Prof. K Venkataramaniah Dr. K Vijay Sai.</i>	DAE-BRNS	₹ 70 lakhs
2012 to 2014	1	<i>Design and Development of Multimodal Optical Microscope using Fourier Optical Image</i>	DST	₹ 29.1 lakhs

		<i>Processing</i> , Dr. S Siva Sankara Sai Dr. V Sai Muthukumar.		
2012 to 2017	1	<i>FIST (Fund for Improvement of Science &amp; Teaching Infrastructure)</i> , Dr. S Siva Sankara Sai	DST	₹ 189 Lakhs
2012 to 2015	1	<i>Modification of a planar gamma camera and its upgradation for supporting education, training and research in medical imaging</i> - Prof. K Venkataramaniah and Dr. K Vijay Sai	DAE-BRNS	₹ 70 Lakhs
2012 to 2015	1	<i>Real time Image enhancement and feature extraction of moving targets in ISAR</i> - Prof. K Venkataramaniah	DRDO	₹ 24.84 lakhs
2012 to 2015	1	<i>Studies on Semiconductor-metal nano composites as high performance thermoelectric materials</i> - Prof K Venkataramaniah and Dr. R Gowrishankar	DAE-BRNS	₹ 24.49 Lakhs

x. Patents:

- (1) Transparent, high refractive index, hydrophobic anatase TiO<sub>2</sub> nanocrystal containing glasses, G. Paramesh, K.B.R. Varma, Patent, (2012).
- (2) Concentration quenching free optical materials for frequency down-conversion (blue to red, green to red) and laser applications, Praveen Kuruva, Tiju Thomas and K.B.R. Varma, Patent, (2013).

xi. Technology Transfer:

Technology transferred to Industries:

- (1) BHEL Hyderabad (Nanocrystalline powders for high capacitor applications,
- (2) Pigment industries

Concepts to devices:

- (1) Electro-optic modulators for optical communication application,
- (2) Piezoelectric vibration sensors,
- (3) Pyroelectric sensors for security applications

xii. Research Publications: 300

xiii. No. of Books published with details: 3

#### 9. Fee

**Sri Sathya Sai Institute of Higher Learning (Deemed to be University) has been offering FREE EDUCATION FOR ALL students of all academic programmes - irrespective of caste, creed, religion, region or economic status since inception. Therefore, all students of the university receive Freeships/Scholarships for all courses of study.**

In keeping with Revered Chancellor, Bhagavan Sri Sathya Sai Baba's principle that education must be offered free and be made available to all eligible, the University does not charge any fee whatsoever, be it tuition fees, laboratory fees, library fees, sports fees, examination fees, medical fees etc. Caution deposits of various kinds (e.g., for the Library and the Laboratory) are also totally waived.

- Details of fee, as approved by State Fee Committee, for the Institution: Not applicable
- Time schedule for payment of fee for the entire programme: Not applicable
- No. of Fee waivers granted with amount and name of students: Not applicable
- Number of scholarship offered by the Institution, duration and amount: Not applicable
- Criteria for fee waivers/scholarship: Not applicable
- Estimated cost of Boarding and Lodging in Hostels: Rs. 20,000 per year for food expenses

#### 10. Admission

- Number of seats sanctioned with the year of approval

DU/AICTE expert committee visit approval letter No.F.No.6-52/2001(CPP-I/DU) dt.16.1.2018 for MBA, MTech.(Computer Science) and M.Tech.(Optoelectronics and Communications) along with other degrees.

4) Master of Business Administration (MBA):

AICTE approval letter no.431/40-30/ET-APR(M)/95 dt.13.8.2009 (Period of approval 2009-10) – Seats approved 60

5) Master of Technology (Computer Science):

AICTE approval letter no.441/GEN/BOS(PG)/95 dt.21.8.2003 (Period of approval 2003-05) – Seats approved 18

6) Master of Technology (Optoelectronics and Communications):  
 AICTE approval letter no.441/GEN/BOS(PG)/95 dt.21.8.2003 (Period of approval  
 2003-05) – Seats approved 18

- Number of Students admitted under various categories each year in the last three years

1) Master of Business Administration (MBA) =

MBA	2018-19		2017-18		2016-17	
	Boys	Girls	Boys	Girls	Boys	Girls
First year	25	19	30	20	31	23
Second year	30	20	30	24	34	18

2) Master of Technology (Computer Science) =

M.Tech.(CS)	2018-19	2017-18	2016-17
First year	15	9	18
Second year	9	18	15

3) Master of Technology (Optoelectronics and Communications) =

M.Tech.(OEC)	2018-19	2017-18	2016-17
First year	5	9	7
Second year	9	7	9

- Number of applications received during last two years for admission under Management Quota and number admitted

- 1) Master of Business Administration (MBA) = Nil
- 2) Master of Technology (Computer Science) = Nil
- 3) Master of Technology (Optoelectronics and Communications) = Nil

## 11. Admission Procedure

- Mention the admission test being followed, name and address of the Test Agency and its URL (website)

Sri Sathya Sai Institute of Higher Learning (Deemed to be University)  
 Website: [www.sssihl.edu.in](http://www.sssihl.edu.in)

- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)



Admission is done solely based on the entrance test conducted by the institute with the following steps- University Admission Test followed by Group Discussion/ Programming Test/Oral Test/Lab Test etc. followed by Interview along with Past academic performance. Preference is given for other tests qualified candidates.

- Calendar for admission against Management/vacant seats: Not applicable

- Last date of request for applications

28<sup>th</sup> February

- Last date of submission of applications

10<sup>th</sup> March

- Dates for announcing final results

1<sup>st</sup> May

- Release of admission list (main list and waiting list shall be announced on the same day)

1<sup>st</sup> May

- Date for acceptance by the candidate (time given shall in no case be less than 15 days)

31<sup>st</sup> May

The candidates are required to report for the Programme on the 1<sup>st</sup> of June. When the candidates request extension of joining date on reasonable grounds an extension of up to a week is allowed.

- Last date for closing of admission

7<sup>th</sup> June

- Starting of the Academic session

1<sup>st</sup> June

- The waiting list shall be activated only on the expiry of date of main list

1<sup>st</sup> June

- The policy of refund of the fee, in case of withdrawal, shall be clearly notified

Not applicable as Sri Sathya Sai Institute of Higher Learning offers FREE EDUCATION FOR ALL

12. Criteria and Weightages for Admission

- Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Qualifying degree: 60% and above aggregate and 50% or more in English  
 Admission test, Group discussion/Lab test, Short written test/Slip test etc. : 70 % weightage  
 Interview marks- 30 % weightage

- Mention the minimum level of acceptance, if any:

2016- 23% 2017- 18% 2018 – 19%

- Mention the cut-off levels of percentage of the candidates in the admission test for the last three years

	2018-19	2017-18	2016-17
MBA	Women students: 35.72% and above	Women students: 39.90% and above	Women students: 48.87% and above
	Men students: 35.49% and above	Men students: 36.90% and above	Men students: 47.28% and above
MTech.(CS)	43.41% and above	21.89% and above	28.75% and above
MTech.(OEC)	45.38% and above	38.17% and above	54.71% and above

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted

**2018-19 batch:**

1) Master of Business Administration (MBA) =

Women students:

Regd.No.	Marks (100)
1819-00103	47.37

1819-00217	41.06
1819-00302	54.40
1819-00492	35.72
1819-00637	55.71
1819-01117	46.25
1819-07141	45.21
1819-07881	54.25
1819-07894	56.78
1819-08309	54.53
1819-08607	46.52
1819-08608	54.06
1819-08612	56.35
1819-08624	56.57
1819-08648	47.15
1819-08650	60.18
1819-08663	43.95
1819-08728	36.43
1819-09653	44.58

Men students:

Regd.No.	Marks (100)
1819-00071	61.6
1819-00580	53.02
1819-00681	54.00
1819-00718	51.06
1819-00810	39.60
1819-07751	48.98
1819-07855	57.92
1819-08076	59.29
1819-08162	63.21
1819-08358	54.83
1819-08359	39.81
1819-08396	52.60
1819-08398	58.31
1819-08400	54.64
1819-08404	56.41
1819-08429	54.35
1819-08430	54.25
1819-08432	50.99
1819-08443	53.22

1819-08467	52.36
1819-08471	35.49
1819-08483	43.84
1819-08552	55.18
1819-08788	60.59
1819-08795	60.09
1819-08852	51.33
1819-09043	40.59
1819-09323	44.05
1819-09433	42.59

2) Master of Technology (Computer Science) =

Regd.No.	Marks (240)
1819-00477	116.71
1819-00593	164.46
1819-00604	135.27
1819-00639	74.83
1819-07246	98.40
1819-07272	95.38
1819-07288	78.58
1819-07289	108.08
1819-08164	106.29
1819-08190	138.81
1819-08806	79.54
1819-08886	148.35
1819-08919	119.50
1819-09100	94.35
1819-09275	80.79

3) Master of Technology (Optoelectronics and Communications) =

Regd.No.	Marks
1819-00069	70.29
1819-01029	59.00
1819-01061	80.82
1819-07944	66.20
1819-08041	62.72
1819-08524	83.43
1819-09166	72.49
1819-09214	71.86

13. List of Applicants

- List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats

Not Applicable

14. Results of Admission Under Management seats/Vacant seats

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)

Not applicable

- Score of the individual candidate admitted arranged in order or merit

1) Master of Business Administration (MBA) =

Women students:

Regd.No.	Marks (100)
1819-08650	60.18
1819-07894	56.78
1819-08624	56.57
1819-08612	56.35
1819-00637	55.71
1819-08309	54.53
1819-00302	54.4
1819-07881	54.25
1819-08608	54.06
1819-00103	47.37
1819-08648	47.15
1819-08607	46.52
1819-01117	46.25
1819-07141	45.21
1819-09653	44.58

1819-08663	43.95
1819-00217	41.06
1819-08728	36.43
1819-00492	35.72

Men students:

Regd.No.	Marks (100)
1819-08162	63.21
1819-00071	61.6
1819-08788	60.59
1819-08795	60.09
1819-08076	59.29
1819-08398	58.31
1819-07855	57.92
1819-08404	56.41
1819-08552	55.18
1819-08358	54.83
1819-08400	54.64
1819-08429	54.35
1819-08430	54.25
1819-00681	54
1819-08443	53.22
1819-00580	53.02
1819-08396	52.6
1819-08467	52.36
1819-08852	51.33
1819-00718	51.06
1819-08432	50.99
1819-07751	48.98
1819-09323	44.05
1819-08483	43.84
1819-09433	42.59
1819-09043	40.59
1819-08359	39.81

1819-00810	39.6
1819-08471	35.49

2) Master of Technology (Computer Science) =

Regd.No.	Marks (240)
1819-00593	164.46
1819-08886	148.35
1819-08190	138.81
1819-00604	135.27
1819-08919	119.5
1819-00477	116.71
1819-07289	108.08
1819-08164	106.29
1819-07246	98.4
1819-07272	95.38
1819-09100	94.35
1819-09275	80.79
1819-08806	79.54
1819-07288	78.58
1819-00639	74.83

3) Master of Technology (Optoelectronics and Communications) =

Regd.No.	Marks
1819-08524	83.43
1819-01061	80.82
1819-09166	72.49
1819-09214	71.86
1819-00069	70.29
1819-07944	66.2
1819-08041	62.72
1819-01029	59

- List of candidates who have been offered admission

**2018-19 batch:**

1) Master of Business Administration (MBA) =

Women students:

Regd.No.
1819-00103
1819-00217
1819-00302
1819-00492
1819-00637
1819-01117
1819-07141
1819-07881
1819-07894
1819-08309
1819-08607
1819-08608
1819-08612
1819-08624
1819-08648
1819-08650
1819-08663
1819-08728
1819-09653

Men students:

Regd.No.
1819-00071
1819-00580
1819-00681
1819-00718
1819-00810
1819-07751
1819-07855
1819-08076
1819-08162
1819-08358



1819-08359
1819-08396
1819-08398
1819-08400
1819-08404
1819-08429
1819-08430
1819-08432
1819-08443
1819-08467
1819-08471
1819-08483
1819-08552
1819-08788
1819-08795
1819-08852
1819-09043
1819-09323
1819-09433

2) Master of Technology (Computer Science) =

Regd.No.
1819-00477
1819-00593
1819-00604
1819-00639
1819-07246
1819-07272
1819-07288
1819-07289
1819-08164
1819-08190
1819-08806
1819-08886
1819-08919
1819-09100
1819-09275

3) Master of Technology (Optoelectronics and Communications) =

Regd.No.
1819-00069
1819-01029
1819-01061
1819-07944
1819-08041
1819-08524
1819-09166
1819-09214

- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate

**2018-19 Batch:**

1) Master of Business Administration (MBA) =  
Women candidate: Regd.No. 1819-09305

2) Master of Technology (Computer Science) = Nil

3) Master of Technology (Optoelectronics and Communications) = Nil

- List of the candidate who joined within the date, vacancy position in each category before operation of waiting list

**2018-19 batch:**

1) Master of Business Administration (MBA) =

Women students:

Regd.No.
1819-00103
1819-00217
1819-00302
1819-00492
1819-00637
1819-01117
1819-07141
1819-07881
1819-07894
1819-08309

1819-08607
1819-08608
1819-08612
1819-08624
1819-08648
1819-08650
1819-08663
1819-08728
1819-09653

Men students:

Regd.No.
1819-00071
1819-00580
1819-00681
1819-00718
1819-00810
1819-07751
1819-07855
1819-08076
1819-08162
1819-08358
1819-08359
1819-08396
1819-08398
1819-08400
1819-08404
1819-08429
1819-08430
1819-08432
1819-08443
1819-08467
1819-08471
1819-08483
1819-08552
1819-08788
1819-08795
1819-08852
1819-09043
1819-09323
1819-09433

2) Master of Technology (Computer Science) =

Regd.No.
1819-00477
1819-00593
1819-00604
1819-00639
1819-07246
1819-07272
1819-07288
1819-07289
1819-08164
1819-08190
1819-08806
1819-08886
1819-08919
1819-09100
1819-09275

3) Master of Technology (Optoelectronics and Communications) =

Regd.No.
1819-00069
1819-01029
1819-01061
1819-07944
1819-08041
1819-08524
1819-09166
1819-09214

15. Information of Infrastructure and Other Resources Available

- Number of Class Rooms and size of each
- Number of Tutorial rooms and size of each
- Number of Laboratories and size of each
- Number of Drawing Halls with capacity of each
- Number of Computer Centres with capacity of each
- Central Examination Facility, Number of rooms and capacity of each

1) Master of Business Administration (MBA) =

Particulars	Required as per AICTE Norms In Sqm	Available In Sqm
Instructional area	<p>4 Large class rooms = 264 Sq.m.</p> <p>8 Syndicate rooms = 160 Sq.m.</p> <p>Computer Centre = 150 Sq.M.</p> <p>Library = 200 Sq.m.</p>	<p>8 Large Class rooms PSN (B4, C7, C4, C14) + ATP (A1, A9, A3, A4) 418 Sq.m. + 363.2 Sq.m.=781.2 Sq.m.</p> <p>b) 11 syndicate rooms PSN (C1, C2, C3, C5, D1, D2, D3, D4A) ATP (A5, A6, A7) = 400 Sq.m. + 96 Sq.m. = 496 Sq.m.</p> <p>c) Computer Centre = 170 Sq.m.+67 Sq.m. = 237 Sq.m.</p> <p>d) Central Library: Area = 1,700 Sq.m. + Reading room area = 350 Sq.m. and Carpet area = 350 Sq.m.</p>
Admn. area	<p>Office = 150 Sq.m.</p> <p>Faculty Rooms = 160 Sq.m.</p> <p>Conference Room = 100 Sq.m.</p>	<p>Administration Office = 120 Sq.m. + 815 Sq.m. = 935 Sq.m.</p> <p>Faculty rooms: PSN (A4, B1, A1, B2) 301sq.m. ATP (94 Sq.m.) =395 Sq.m.</p> <p>Conference Room (A8) = 51.40 Sq.m.</p> <p>AV room = 127.5 Sq.m.</p>

**Instructional Area:**

Particulars	Requirements as per AICTE Norms		Total Available		
	Number	Area of each Sub Total area	Number	Area of each	Sub Total area
Classrooms	4	260 to 320 Sq.m.	12+8	662 Sq.m. + 193 Sq.m.	855 Sq.m.
Tutorial Rooms	4 Medium + 4 Small = 8 rooms	200 to 220 Sq.m. + 100 to 120 Sq.m. = Total 300 to 340 Sq.m.	NA	NA	NA
Computer Centre	1	150 Sq.m.	1+1	170 Sq.m. + 156 Sq.m.	326 Sq.m.
Library	1	200 Sq.m.	1 + 1	1700 Sq.m. +2000 Sq.m.	3700 Sq.m.

### Computer Facility

Particulars	Requirements as per AICTE Norms	Total available	Shortfall, if any
No of Computer terminals (terminal-student ratio)	60	118 (60+35+23)	Nil
Hardware Specification		Core i3s with 4 GB RAM Acer Veriton M200-H81	Nil
No of terminals on LAN/WAN		118 (60+35+23)	Nil
Relevant Licensed Software		Purchased Software: MS Windows 10, MS Office 2016, Kaspersky End Point Security for Windows, Turnitin Open Source: R, R Studio, Python, Tableau 10.4, Power BI	Nil
Peripherals/ Printers		3 Printers and 2 Scanners	Nil

### 2) Master of Technology (Computer Science) =

M.Tech.(Computer Science) offered at Prasanthi Nilayam Campus

Particulars	Required as per AICTE Norms	Available
	In Sqm	In Sqm
Instructional area	4 Large class rooms = 264 Sq.m. Computer Centre = 150 Sq.m. Library = 200 Sq.m.	4 Large & 3 Med. Rooms: 354 Sq.m. Computer Center: 253.68 Sq.m. Central Library = 1700 Sq.m.
Admn. area	Office = 150 Sq.m. Faculty Rooms = 160 Sq.m. Conference Room = 100 Sq.m.	Faculty Rooms (HoD, faculty, Research Scholars, Lab Admin) 130sq mts AV room = 127.5 sq.m.
Circulation area	Department of Mathematics and Computer Science is a University department where residential and other amenities area for staff & students is common with the Institute	
Any other		One conference room in Central Research Instruments Facility: 500 sq.ft/46 sq.m  One basic workshop facility Approx. 450 sq.ft/41 sq.m.

**Instructional Area (M.Tech.(Computer Science))**

Particulars	Requirements as per AICTE Norms (++)		Total Available		
	Number	Area of each (Sq.m.)	Number	Area of each (Sq.m.)	Sub Total area (Sq.m.)
Classrooms	4	260 to 320 Sq.m.	A5	8 x 6.4	51.2
			A6	8 x 6.4	51.2
			D4A	10.77 x 6.8	73.24
			D4B	10.77 x 6.74	72.59
			D5	8 x 4.4	35.2
			D6	8 x 4.4	35.2
			D7	8 x 4.47	35.76
					Total = 319.19
Tutorial Rooms	4 Medium + 4 Small = 8 rooms	200 to 220 Sq.m. + 100 to 120 Sq.m. = Total 300 to 340 Sq.m.	NA		
Computer Centre	1	150 Sq.m.	C8 (2 <sup>nd</sup> M.Tech. Lab)	9.8 x 8	78.4
			C11 (1 <sup>st</sup> M.Tech. Lab)	8 x 7.6	60.8
			C13 (PG Lab)	10.8 x 10.6	114.48
					Total = 253.68
Library	1	200 Sq.m.	Central Library:	Area = 1,700 Sq.m. + Reading room area = 350 Sq.m. and Carpet area = 350 Sq.m.	

**Computer Centre: M.Tech.(Computer Sciences)**

Particulars	Total available
No of Computer terminals (terminal-student ratio)	10 computing servers Server configuration: 256 GB RAM; 64 Cores each, AMD 76 terminals (1:1)
Hardware Specification	i7-6700, 8GB RAM, QuadCore; i5 – 4670, 16GB RAM, QuadCore Cluster Virtualized Server Storage: 1-108TB SAN
No of terminals on LAN/WAN	96
Relevant Licensed Software	Matlab 2012
Peripherals/ Printers	4

3) Master of Technology (Optoelectronics and Communications) =

Particulars	Required as per AICTE Norms	Available
	In Sqm	In Sqm
Instructional area	4 Large class rooms = 264 Sq.m. Computer Centre = 150 Sq.M. Library = 200 Sq.m.	4 classrooms = Total area 274 Sq.m. Central Library Area = 1,700 Sq.m. + Reading room area = 350 Sq.m. and Carpet area = 350 Sq.m.
Admn. area	Office = 150 Sq.m. Faculty Rooms = 160 Sq.m. Conference Room = 100 Sq.m.	Administration Office = 120 Sq.m. + 815 Sq.m. = 935 Sq.m. 1 faculty office room with individual cabins – 84 sq.m AV room = 127.5 Sq.m.
Any other		One conference room in Central Research Instruments Facility: 500 Sq.ft./46 Sq.m. One basic workshop facility Approx. 450 Sq.ft./41 Sq.m.

**Instructional Area:**

Particulars	Requirements as per AICTE Norms (++)		Total Available		
	Number	Area of each	Number	Area of each	Sub Total area
Classrooms	4	260 to 320 Sq.m.	Room nos. 104 106 208 209	83 Sq.m. 37 Sq.m. 57 Sq.m. 57 Sq.m.	234 sq.m
Tutorial Rooms	4 Medium + 4 Small = 8 rooms	200 to 220 Sq.m. + 100 to 120 Sq.m. = Total 300 to 340 Sq.m.	-	-	-
Computer Centre	1	150 Sq.m.	Gen purpose computer lab (Dept.) Central Computer Centre	42 Sq.m. 170 Sq.m.+ 67 Sq.m. = 237 Sq.m.	
Library	1	200 Sq.m.	Central Library	Central Library Area = 1,700 Sq.m. + Reading room area = 350 Sq.m. and Carpet area	



				= 350 Sq.m.	
Lab./Workshops (++)	NA	NA	Optics Lab Optoelectronics & Communication Lab Electronics & Microprocessor Lab II M.Tech. Project lab Networking Lab	160 Sq.m. 32 Sq.m. 55 Sq.m. 42 Sq.m. 42 Sq.m.	331 sq.m
<b>Total</b>	<b>14</b>	<b>910 to 1010 Sq.m.</b>			

### Workshop and Lab Requirements

S.No.	Name of laboratory / workshop	Available area
1	Physics	300 Sq.m.
2	Chemistry	Not applicable
3	Mechanics and Kinematics	Not applicable
4	Materials Testing Strength of Material	Materials Characterization Lab (Dept.) – 35 Sq.m. Central Instruments facility – 3700 Sq.m.
5	*Electrical Science Electronics Elect. Engg.	55 Sq.m.
6	WORKSHOP	Approx. 450 sq.ft/41 Sq.m.
7	Others (Specify)\$	32 Sq.m. 42 Sq.m.
	Optoelectronics & Communications	
	Networking	

### Computer Facility

Particulars	Total available
No of Computer terminals (terminal-student ratio)	1:1 student-terminal ratio Total systems - 36
Hardware Specification	Core i3/i5 systems with minimum 4 GB RAM, 500GB HDD
No of terminals on LAN/WAN	All computers are connected to LAN/WAN
Relevant Licensed Software	MS Windows, MS Office, COMSOL, Vivado HLS, Vivado Design Suite, Xilinx SDK
Peripherals/ Printers	GNS3, Cisco Packet Tracer, Java, Python, CUDA, Wireshark, Tensorflow

- Barrier Free Built Environment for disabled and elderly persons: Yes
- Occupancy Certificate: Yes
- Fire and Safety Certificate: Yes

- Hostel Facilities: Yes

Hostel accommodation for boys: (4/Room): 33

Room Area in Sq.m.: 1855.70

Sri Sathya Sai Hostel for Senior Students, Prasanthi Nilayam Campus

Hostel accommodation for boys: (4/Room): 22

Room Area in Sq.m.: 770

Sri Sathya Sai Hostel for Women Students, Anantapur Campus

- Library
- Number of Library books/ Titles/ Journals available (program-wise)
- List of online National/ International Journals subscribed
- E- Library facilities

1) Master of Business Administration (MBA) =

<b>Particulars</b>	<b>Total required for the courses</b>	<b>Available</b>
Numbers of title of Books*	< 2000	16311 + 3433 (PTP+ATP)
Numbers of Volumes of Books		16311 + 3433 (PTP+ATP)
Journals	15	27 + 13+ EBSCO (PTP+ATP)

PSN – Prasanthi Nilayam Campus    ATP – Anantapur Campus

N-LIST e-journals and e-books by INFLIBNET

American Institute of Physics (18 titles)	<a href="http://journals.aip.org/">http://journals.aip.org/</a>
Annual Reviews (33 titles)	<a href="http://arjournals.annualreviews.org/">http://arjournals.annualreviews.org/</a>
Economic and Political Weekly (EPW) (1 titles)	<a href="http://www.epw.in/">http://www.epw.in/</a>
Indian Journals (180+ titles)	<a href="http://www.indianjournals.com/">http://www.indianjournals.com/</a>
Institute of Physics (46 titles)	<a href="http://iopscience.iop.org/">http://iopscience.iop.org/</a>
JSTOR (2500+ titles)	<a href="http://www.jstor.org/">http://www.jstor.org/</a>
Oxford University Press (206 titles)	<a href="http://www.oxfordjournals.org">http://www.oxfordjournals.org</a>
Royal Society of Chemistry (29 titles)	<a href="http://pubs.rsc.org/en/journals?key=title&amp;value=current">http://pubs.rsc.org/en/journals?key=title&amp;value=current</a>
H. W. Wilson (3000+ titles)	<a href="http://search.ebscohost.com">http://search.ebscohost.com</a>
Cambridge University Press (224 titles)	<a href="http://journals.cambridge.org/">http://journals.cambridge.org/</a>
<b>E-Books</b>	
Cambridge Books Online (1800 titles)	<a href="http://ebooks.cambridge.org">http://ebooks.cambridge.org</a>
E-brary (125000+ titles)	<a href="https://ebookcentral.proquest.com/lib/inflibnet-ebooks">https://ebookcentral.proquest.com/lib/inflibnet-ebooks</a>
EBSCoHost-Net Library (936 titles)	<a href="http://search.ebscohost.com">http://search.ebscohost.com</a>
Hindustan Book Agency (65+ titles)	<a href="http://portal.igpublish.com/iglibrary">http://portal.igpublish.com/iglibrary</a>
Institute of South East Asian Studies(ISEAS) Books (382+ titles)	<a href="http://portal.igpublish.com/iglibrary">http://portal.igpublish.com/iglibrary</a>
Oxford Scholarship (1402+ titles)	<a href="http://www.oxfordscholarship.com/">http://www.oxfordscholarship.com/</a>
Springer eBooks (2300 titles)	<a href="http://link.springer.com.">http://link.springer.com.</a>
Sage Publication eBooks (1000 titles)	<a href="http://knowledge.sagepub.com.">http://knowledge.sagepub.com.</a>
Taylor Francis eBooks (1800 titles)	<a href="https://www.taylorfrancis.com/">https://www.taylorfrancis.com/</a>
Myilibrary-McGraw Hill (1124 titles)	<a href="https://ebookcentral.proquest.com/lib/inflibnet-ebooks">https://ebookcentral.proquest.com/lib/inflibnet-ebooks</a>
World -ebooks Library (30,00,000 titles)	<a href="http://community.ebooklibrary.org/?AffiliateKey=WEL-NDL">http://community.ebooklibrary.org/?AffiliateKey=WEL-NDL</a>
South Asia Archive (though NDL)	<a href="http://www.southasiaarchive.com">http://www.southasiaarchive.com</a>

2) Master of Technology (Computer Science) =

<b>Particulars</b>	<b>Total required for the courses</b>	<b>Available</b>
Numbers of title of Books	1000 to 2000	4625
Journals	10 to 15	Printed journal = 1 E-subscription = 22 + EBSCO

PSN – Prasanthi Nilayam Campus ATP – Anantapur Campus

**List E Journals and E –Resources available for students and faculty of Department of Mathematics and Computer Science**

**Publisher wise e-Resources (Number)**

• ACM Digital Library	(1143)
• American Chemical Society	(49)
• American Institute of Physics	(19)
• American Physical Society	(13)
• Annual Reviews	(43)
• ASCE Journals Online	(36)
• ASME Journals Online	(29)
• Bentham Science	(23)
• Economic & Political Weekly	(1)
• Elsevier ScienceDirect	(1036)
• Emerald Publishing	(432)
• IEEE/IET Electronic Library Online	(666)
• Institute of Physics	(45)
• JSTOR	(3165)
• Nature	(2)
• Optical Society of America (Optics InfoBase)	(18)
• Oxford University Press	(262)
• Portland Press	(6)
• Project Euclid	(27)
• Project Muse	(676)
• Royal Society of Chemistry	(29)
• SIAM	(16)
• Springer Link	(3171)
• Taylor and Francis	(1079)
• Wiley Blackwell Publishing	(908)

**Other Journals:**

Journal Name	Subscription details
Proceedings of Mathematical Sciences	Indian Academy of Sciences, Bangalore.

N-LIST e-journals and e-books by INFLIBNET

3) Master of Technology (Optoelectronics and Communications) =

Particulars	Total required for the courses	Available
Numbers of title of Books	1000 to 2000	4852
Journals	10 to 15	Printed subscription: 8 + E-Journals + EBSCO + scopus

N-LIST e-journals and e-books by INFLIBNET

- Laboratory and Workshop

- 1) Master of Business Administration (MBA) = Computer Centre
- 2) Master of Technology (Computer Science) = I and II years MTech lab
- 3) Master of Technology (Optoelectronics and Communications) = Under department of Physics

A. Common facilities

Liquid Nitrogen Plant

Demineralized Water Plant for using in Research related work

Gas Bank

Bio-safety Level 1 Laboratory to do patient related research work at the Sri Sathya Sai Institute of Higher Medical Sciences (SSSIHMS) after taking approval from Institutional Ethics Committee which is already in place at the Sri Sathya Sai Institute of Higher Learning

B. Department wise

(a) Department of Mathematics and Computer Science:

Fibre Security Lab

Computer Vision Lab

Machine Learning and Robotics Lab

(b) Department of Physics:

Linear Optics Laboratory

Nonlinear Optics Lab

Materials Science Lab

Characterization Lab

Networking Lab

Raman Spectroscopy Lab

Nuclear Physics Lab

Optoelectronics and Communication Lab

(c) Others:

Central Computer Centre facility, English Language lab facility, Multi media Learning Centres are commonly available in all the four campuses for use by all departments

- (d) Central Computer Centre facility, English Language lab facility, Multi media Learning Centres are commonly available in all the four campuses for use by all departments
- (e) In addition to these facilities an advanced research centre is going to be functional in the next couple of months. The following are the research facilities which will be available in the Central Research Instruments Facility:
- Femto Second Laser Machining Lab
  - Plasmonics Lab
  - Scanning Electron Microscope (SEM)
  - Transmission Electron Microscope (TEM)
  - Nuclear Magnetic Resonance Spectrometer (NMR)
  - Liquid chromatography–mass spectrometry / Gas Chromatography Mass Spectrometry
  - Powder X-ray Diffractometer
  - Vibrating Sample Magnetometer
  - Optical & Thermal Characterization lab
  - Advanced synthesis lab
  - Functional Materials lab
  - Water quality lab
  - Bio Safety level-1 lab
  - Liquid Nitrogen Plant
  - Computational Science Lab
  - Micro-fluidics lab
  - Gamma Camera Lab
  - Raman Microscopy lab
  - Gas Bank
- List of Major Equipment/Facilities in each Laboratory/ Workshop

#### LIST OF EQUIPMENT AVAILABLE

#### Prasanthi Nilayam Campus (Main)

##### Central Research Instruments Facility

Vibrating Sample Magnetometer (VSM)  
 X-Ray Diffractometer (XRD) and accessories  
 Impedance analyser  
 Sputtering System  
 Liquid Nitrogen Plant and Water Chiller  
 D33 measurement systems  
 Dilatometer and TGA DTA DSC  
 Laser System and Accessories: Femtosecond Laser, 10 W, < 400 fsec, Variable repetition rate 1 - 10 MHz, 1030 nm, Optical Tables, RS 4000 series, 12 inches, Interferometric grade  
 3D sample translation stage  
 High temperature Furnace-Box type(1700 deg C)  
 Hydrothermal apparatus for Microwave reactor

Q-TOF and Triple Quad Mass Spec with inlets  
PE loop tracer system  
BH Loop tracer, Pyroelectric & DC resistance measuring instrument  
400 MHz FT-NMR spectrometer  
SEM & TEM  
Hot furnace  
Water activity meter  
Spinette magnetic stir wheel and panel  
Handling equipment (Fork lift, Trolleys)  
Pallet press  
DLS ZETA LITESIZER™500  
10 KVA UPSs  
20 Computers  
Liquid Nitrogen container and transfer device  
CO<sub>2</sub> Incubator, Double deep Freezer etc  
Nano Drop  
Real Time PCR  
Compressors  
Optical Beam Steering  
Reagents for Mass Spec  
Aspheric lens kit  
Electrochemical workstation  
Rotary Evaporator  
Sonicator  
Vortexer  
AV equipment

#### **Multimedia Learning Center**

2 nos of Studio Master Amplifier 100E  
Cestron controller Processor CP2E  
3 nos of Sanyo LCD Projector XP 57L  
3 nos of Draper Motorized Screen 8\*6  
Kramer Video Mixer PIP 500, S-Video Switcher, VGA Switcher  
2 nos of Audiotechnica Wireless Mics  
2 nos of Shure Wireless Mics  
Samsung Digital Presenter  
Samsung 17" LCD panel  
Sanyo Projector XW55A  
2 nos of 5 KVA UPS  
3 nos of Altek- Slide changer  
4 nos of LG Air-Conditioners

#### **Department of Physics (Used by students of M.Tech.(Optoelectronics and Communications))**

Fibre optics spectrometer  
Empyean Tube CU LFF  
Solar Simulators  
Raman Microscope with Automated motorized stage

HP GE Detector  
Lasers  
Liquid Crystal Cells  
CZS Gamma Detector  
Photonics Workshop  
Monochrome CMOS Camera

Yokagawa Digital Storage Oscilloscope  
Dye Laser model DYL 202  
Dye Laser DYL 202 in Oscillator amplifier config  
S-1700 Optical fiber parameter measuring system with K-1500 Basic fiber Optic starter unit, K-1600 standard optical fiber designer's kit., S013612 - FSM - 17S Mini Fusion Splicer with power cord, battery charger, spare electrode.  
Fiber Fusion splicer- FW 305 semi automatic splicer and accessories.  
2 nos of HPGe Detectors  
4 nos of Nuclear Instruments  
M-1461 Detector inter. S/N 18102.  
M1463 hi-perf. Detector Mod. S/N 20103.  
25mm INV NG detect. Fast phosp. S/N 06102.  
M1234 Spectrograph S/N 13103  
RD 0033 Gra. Printer FXRS232 S/N P0022352.  
HP 7440A / RS232 plotter  
Nuclear Quadrupole resonance Spectrometer  
2 nos of Liquid Nitrogen cooled Si(Li) Detectors  
Canberra Si(Li) detector with LN2 Diwar  
OPTIXPLORER:  
Ti Sapphire Laser  
One KTP optical parametric Oscillator  
Vibration Isolation system  
Ocean Optics FO Spectrometer with PC  
Tunneling Electron Microscope  
X-Ray Diffractometer with chiller  
Raman Spectrometer  
6 nos of 8085 Microprocessor Trainer Model MPS 85-3  
2 nos of 8086/8088 Microprocessor Trainer  
3 nos of 300C Analogue chopper  
3 nos of 300 HF high frequency accessories.  
3 nos of 300 DV 2 slot variable disc.  
2 nos AOM 405.  
2 nos of ME 40G DRIVER.  
2 nos of AOM- 40N MODULATOR  
2 nos of ME-40G Driver  
3 nos of 1/3 B/W CCD camera  
14 B/W CCD camera  
E/M Apparatus  
Digital Electrometer. KEITHLEY, USA.  
Digital multimeter, KEITHLEY, USA.  
20 nos of Digital Trainers



Tektronix Digital Storage Oscilloscope 100 MHz, 1Gs/S, 2 channel Mono display  
 Development system for DSP trainer TMS320C3X  
 Development system for DSP Trainer  
 Development system with 16 channel 8-bit ADC interface and power supply for  
 PCIDIOT  
 Development system with ESA31 Microcontroller  
 Development system with ESA31 Microcontroller  
 Gala Laser System  
 14 nos of Function Generator  
 2 nos of G.M Detector  
 2 nos of Nitrogen gas cylinder  
 2 nos of Newton Ring app  
 3 nos of He-Ne Laser.  
 4 nos of He-Ne Laser.  
 4 nos of HP Laser Jet Printer  
 2 nos each of DD650- 2.5 – 3, DD532 - 30 – 5, DH980 - 120 – 3  
 Pro QE25-SP-H-MT Joulemeter  
 Digital LCR meter (VLCR6).  
 APLAB autocompute LCR-Q meter  
 LMA-1 Light Modulator  
 2 nos of Lasermetrics retardation plates  
 4 nos of Liquid Nitrogen Dewar  
 2 nos of Liquid Nitrogen Dewar  
 2 nos of Scitech Lock in Amplifier  
 EL High intensity monochromator.  
 3 nos each Optical Honey comb table 3x4x4, Optical honey comb table 2x4x3, Optical  
 honey comb table 4x4  
 10 nos of Oscillator  
 6 nos of ASM71 PIN AA photodetector assembly  
 3 nos each of AFG71 PIN 10DI photodiode assembly, AFG71 PIN 10D photodiode  
 assembly  
 6 nos of ASM71 PIN 5DI photodiode assembly  
 10 nos of ASM71 PIN BPW34B photodiode assembly  
 Apparatus for recording thermoluminescence flow  
 818-UV detector  
 818-IG photosensor assy  
 Refractometer (Abbe) AS 17760.  
 SORL Fourier systems  
 8 nos of Spectrometer  
 Ultrasonic cleaner 120W  
 Magnetic Stirrer and pellets  
 11 nos of Heating Mantles and Hot plates  
 3 nos of Electronic Weighing Balance  
 4 nos of Falcon Fiber Communication kits  
 50 nos of Desktop PC  
 2 nos of 8K MCA system with emulation, TRUMP 8K MCA system with emulation  
 Model 2020 Argon laser

## Anantapur Campus (off-Campus)

### Multimedia Learning Centre Assets (Common for all)

2 nos of Projectors  
Life size codec  
Net worker  
2 nos of Sony camera with screens  
Samsung video presenter  
Active board  
Extron cross point 450 plus  
Crestron control system  
2 nos of 5 KVA UPS  
2 nos each of LG AC 4 TR and LG AC 3 TR  
Cisco router  
Fire alarm system  
LCD- data projector.PG A10X .Sharp systems business (B'lore)

### English Language lab

46 Computers  
Active board  
Robotel smart class language lab system  
(Hardware Components)

- List of Experimental Setup in each Laboratory/ Workshop: Not applicable
- Computing Facilities:
  - Fibre Security Lab
  - Computer Vision Lab
  - Machine Learning and Robotics Lab
  - Computer Centres for Management students at Prasanthi Nilayam Campus and Anantapur Campus
- Internet Bandwidth: 1 gbps
- Number and configuration of System- 269 all configuration above intel5
- Total number of system connected by LAN- All 269 computers are connected by LAN
- Total number of system connected by WAN- All the LANs are interconnected on a WAN using VPN technology
- Major software packages available

### Master of Business Administration:

MS Windows 10, MS Office 2016, Kaspersky End Point Security for Windows, Turnitin

Open Source: R, R Studio, Python, Tableau 10.4, Power BI

M.Tech.(Computer Science): C, C++, Java, Python, Anaconda, Keras, Pytorch, Tensorslow, Matlab 2012, Bright Cluster Manager, Sage

M.Tech.(Ooptoelectronics and Communications):

Relevant software: MS Windows, MS Office, COMSOL, Vivado HLS, Vivado Design Suite, Xilinx SDK

Printers/Peripherals: GNS3, Cisco Packet Tracer, Java, Python, CUDA, Wireshark, Tensorflow

- Special purpose facilities available: Central Research Instruments Facility (CRIF) Supercomputing facilities, Video conferencing, Smart classrooms, High performance computing with GPU, Big data analytics (Hadoop clusters), Maching learning and deep learning with GPU
- Innovation Cell: Yes.
- Social Media Cell: Yes
- Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments: Yes
- List of facilities available:
  - Multimedia Learning centre
  - Language Lab
  - Cricket Ground
- Games and Sports Facilities
  - International Sports Indoor Stadium: Sri Sathya Sai International Centre for Sports, at Prasanthi Nilayam is a state of the art, multi-discipline indoor stadium. This stadium - measuring 100 metres by 60 metres on a 4.8 acre site, is amongst the largest open-frame space domes in the country. It has a spectator capacity of 4,000.

Facilities include:

- 6 Badminton courts
- 1 Volleyball court
- 1 Basketball court
- 4 Tennis courts
- 2 Squash courts
- 9 table tennis tables
- 1 Gym
- 2 Squash courts
- 1 Aerobics/Yoga room

The University also has the Sri Sathya Sai Hill view stadium at Prasanthi Nilayam which is an open stadium and can accommodate 25,000 spectators. The Stadium has facility for both Cricket and Football and is situated at the main campus in Prasanthi Nilayam.

- Extra-Curricular Activities

A major portion of the functioning of the Hostel is taken care of by the students and resident staff members. The guiding principles of the Hostel are a simple life coupled with self-reliance. The students do their work with least dependence on external agencies. To inculcate the dignity of labour and respect for work, most functions and departments of the Hostel are run by students under the able guidance of resident faculty. The self-reliance departments include:

- House Keeping (Maintenance, Electrical, Carpentry, Plumbing, Landscaping, Drinking Water Plant)
- Academic support (Library, Computer Centre, Photocopying, Tutorials)
- Health care (Paramedical and First aid assistance, General hygiene, Dietary Services)
- Entertainment (Multimedia and Audio-visuals for in-house entertainment, Sound engineering and Recording)
- Support Services (General Stores, Transport services)
- Culinary (Catering Services, Dietics, Fruits and Snacks, Bakery)
- Fine Arts (Arts, Crafts, Instrumental Music, Vocal Music, Brass Band, Photography)
- Performing Arts (Dance, Dramatics and Costumes, Theatre, Public Speaking, Quiz)
- Publications (Books and Newsletters – relating to the education system and interaction with and messages of the Revered Founder Chancellor)
- Spiritual Activities (Festivals, select Ceremonies and Rituals to encourage the spirit of traditional Indian culture and heritage)

These self-reliance activities enable students to become self-confident and independent, and also contribute to leadership and entrepreneurial development. The distinctive feature of these self-reliance departments is the aspect of continuity, in spite of batches of final year students graduating and passing out of the university every year. This is facilitated through an effective succession planning in the traditional gurukula style; wherein the senior students train their junior successors before graduating.

The involvement of students in self reliance activities, trains them in time management, enhances their skill sets, fuels their latent talents and creativity – channelising them into productive activities. Other benefits include spirit of

teamwork, group dynamics, spirit of selfless-service and enhanced sensitivity. Above all it builds, self-confidence and yields self-satisfaction.

- Soft Skill Development Facilities

The Sri Sathya Sai System of Integral Education, mirrors to a large extent, the tried and tested ancient Indian gurukula system of education, of which the hostel forms a critical component. This residential component of student life is compulsory for every student admitted to SSSIHL.

A lot of thought and effort has gone into evolving this system at the University over the past three decades. The philosophy is based on the approach of community living wherein each one lives for the other and all live together for a common higher cause. Students hailing from different states of India, diverse cultures and varied economic and financial backgrounds live in dormitory-styled accommodation with 10-14 students staying together in a room. The Pan-Indian character of the University comes alive in the hostel. The hostel buildings too are aesthetically pleasing, thus creating a noble ambience for students to live in.

As a result, the hostel is a miniature model of the world outside with people of different habits, temperaments, lifestyles, language and outlook staying together and working. This develops the qualities of understanding, adjustment, sharing and caring amongst the students. It nurtures virtues like adaptability, tolerance and sacrifice; developing students into noble and responsible citizens.

The ambience in the hostel is suffused with both discipline and loving care. All research scholars and around one-third of the teaching faculty reside with the students in the hostel. The relationship between the students and teachers is very cordial and warm, and the teachers pay personal attention to the problems of each and every student. The teachers are chosen with extreme care to play an important role in this process. Many of them are alumni of the Institute, dedicated and well versed in integral education. They take active part not only in classroom instruction but also by providing help, guidance and general counselling to students whenever needed. At the hostel, they serve as facilitators and are available at all times for mentoring the students on personal and academic matters.

Personal cleanliness, punctuality and regularity, general behaviour, personal etiquette and room cleanliness – these are the major components of the discipline that is followed at SSSIHL hostels.

The hostel is also a self-sufficient unit housing all the basic necessities of the students, thus avoiding unnecessary movement of students outside the hostel premises. To minimise the possible negative influences, the students are encouraged

to read inspiring literature, listen to elevating music and view meaningful audio visuals. Access to television is restricted primarily to news and informative documentaries. Weekly movie shows consist of themes such as patriotism, adventure, mythology, mystery, action and humour; and they are appropriately edited to suit the spirit of the system. The students are provided with nutritious vegetarian food.

### **Teaching Learning Process**

**For each Post Graduate Courses give the following:**

- Title of the Course
- Curricula and Syllabi
- Laboratory facilities exclusive to the Post Graduate Course

### **Special Purpose**

- Software, all design tools in case
  - Academic Calendar and frame work
- Curricula and syllabus for each of the programmes as approved by the University

1) Master of Business Administration (MBA) =

Data given under URL:

<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-MBA-Syllabus.pdf>

2) Master of Technology (Computer Science) =

Data given under URL:

<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-MTech-Computer-Science-Syllabus.pdf>

3) Master of Technology (Optoelectronics and Communications) =

Data given under URL:

<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-MTech-Optoelectronics-Communications-Syllabus.pdf>

- Academic Calendar of the University

Data given under URL:

<http://sssihl.edu.in/sssuniversity/dnn/AboutSSSIHL/AcademicCalendar.aspx>

- Academic Time Table with the name of the Faculty members handling the Course
  - 1) Master of Business Administration (MBA)
  - 2) Master of Technology (Computer Science)
  - 3) Master of Technology (Optoelectronics and Communications)
 See Appendix-1
  
- Teaching Load of each Faculty
 

Senior faculty – 2 subjects per semester + Research guidance + Project guidance + Administrative Work

Junior faculty – 2 to 3 subjects per semester + 1 or 2 labs per semester + project guidance
  
- Internal Continuous Evaluation System and place
  - 1) Master of Business Administration (MBA) =
 

Data given under URL:  
<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-MBA-Academic-Regulations.pdf>
  
  - 2) Master of Technology (Computer Science) =
 

Data given under URL:  
<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-MTech-Computer-Science-Academic-Regulations.pdf>
  
  - 3) Master of Technology (Optoelectronics and Communications) =
 

Data given under URL:  
<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-MTech-Optoelectronics-Communications-Academic-Regulations.pdf>
  
- Student's assessment of Faculty, System in place
 

An online teaching quality feedback mechanism which is in place for the last five years is confidential in nature. A questionnaire specially designed with a 6 point scale is administered to the students and feedback is elicited from them

on different parameters and dimensions of teaching quality. Different questionnaires have been designed for Theory, Practicals and Software Laboratories as the nature of teaching varies in each case. This is done at the end of each semester under the supervision of systems administrators without the involvement of teaching faculty to ensure confidentiality.

The feedback is then sent to the HoD and respective teachers for their perusal, reinforcement and improvement if any. The feedback is carefully studied by the HODs and in cases where corrective action or counselling of the faculty members is required. It is undertaken by the HODs. A word of encouragement is shared with the faculty member who according to the students is performing well.

Teaching Quality Reports of the faculty members form an important component in ascertaining career advancement of teachers. The reports are studied in detail by the Vice-chancellor of the university in the meeting of Selection Committee, in arriving at a decision regarding the same.

16. Enrollment of students in the last 3 years

1) Master of Business Administration (MBA) =

MBA	2018-19		2017-18		2016-17	
	Boys	Girls	Boys	Girls	Boys	Girls
First year	25	19	30	20	31	23
Second year	30	20	30	24	34	18

2) Master of Technology (Computer Science) =

M.Tech.(Computer Science)	2018-19	2017-18	2016-17
First year	15	9	18
Second year	9	18	15

3) Master of Technology (Optoelectronics and Communications) =

M.Tech.(Optoelectronics and Communications)	2018-19	2017-18	2016-17
First year	5	9	7
Second year	9	7	9



17. List of Research Projects/ Consultancy Works

- Number of Projects carried out, funding agency, Grant received

**Department of Mathematics and Computer Science:**

On-going Project:

GRANTING AGENCY	PROJECT TITLE & PRINCIPAL INVESTIGATOR	TIME PERIOD	ALLOCATION
Maestro Technology, USA	Dr. Pallav Kumar Baruah <b>Big Data Analytics and High Performance Computing</b>	2017 to 2022	₹90 Lakhs
<p>The project will develop solutions and tools for handling problems related to Big data using emerging High Performance Computing techniques and technologies like Machine Learning, Deep Learning, Artificial Intelligence and Blockchain.</p> <p>This will aid in the execution of Methods and Tools for handling data in domains like Healthcare, Insurance, Streaming conditions, Disaster Relief systems, etc.</p>			

Projects Completed

GRANTING AGENCY	PROJECT TITLE & PRINCIPAL INVESTIGATOR	TIME PERIOD	ALLOCATION
	Sri Sai Shyam		
SSSIHL R&D	Automatic Defense Against Zero Day Polymorphic Worms in Communication Networks using Machine Learning Algorithms	2016 to 2017	₹2 Lakhs

**Department of Physics:**

GRANTING AGENCY	PRINCIPAL INVESTIGATOR & PROJECT TITLE	TIME PERIOD	ALLOCATION
	Dr. S Siva Sankara Sai		
DST	FIST (Fund for Improvement of Science & Teaching Infrastructure)	2012-2017	₹189 Lakhs

GRANTING AGENCY	PRINCIPAL INVESTIGATOR & PROJECT TITLE	TIME PERIOD	ALLOCATION
VGST, DST, Govt. Karnataka	Dr. K S Umesh and Sri Rajkumar Jain Research Based Reforms in Physics Instruction: Classroom and Laboratory	2012-2017	₹30 Lakhs

GRANTING AGENCY	PROJECT TITLE & PRINCIPAL INVESTIGATOR	TIME PERIOD	ALLOCATION
DST	Prof. S Siva Sankara Sai and Dr. K Vijay Sai Design and Development of Small Organ Imaging Gamma Camera System	2016 to 2019	₹90.67 Lakhs

A Small Organ Imaging Gamma Camera is an innovative step towards providing a low-cost solution for imaging organs of small size. We propose to develop a Small Organ Imaging Gamma Camera for imaging Thyroid organ with all digital Front End Electronics and Data Acquisition System. Working software will be developed for Image Reconstruction and Processing of gamma camera images to detect the cases of abnormalities in thyroid (hyper and hypothyroidism). Performance Comparison will be made with the commercially available large field of view Gamma Cameras.

The two deliverables include:

1. A prototype of portable Small Organ Imaging Gamma Camera will be developed for use in Hospitals having Nuclear Medicine Departments and in medical research.
2. Optimizing the performance of developed system for detection of thyroid abnormalities.

Thyroid diseases are among the commonest endocrine disorders worldwide and in India. According to a recent projection on thyroid disease, it has been estimated that 42 million people in India suffer from thyroid diseases. Early diagnosis and treatment remain the cornerstone of management. Development of portable thyroid specific imaging system which serves as a cheaper alternative to the traditional large field and expensive gamma cameras is the goal of this project. We also believe that the resolution would be better than the traditional Gamma Cameras

## Projects Completed

GRANTING AGENCY	PROJECT TITLE & PRINCIPAL INVESTIGATOR	TIME PERIOD	ALLOCATION
DST-TSDB	Dr. V Sai Muthukumar and Dr. Gowrishankar R Multi Model Microscope: Field Trails (Phase II)	2016 to 2017	₹34.3 Lakhs

The project aims at developing a low cost multimodal optical imaging microscope. The primary necessity for developing such a device arises from the growing need for affordable diagnostic tools in India. Optical microscopic investigations have become an essential tool in routine clinical pathology and developmental biology research work.

This optical microscope encompasses multiple functionalities like Bright Field imaging, Phase Contrasting, Edge enhancement, Fluorescence imaging and combined modes, all provided in a single platform. We have completed the fabrication of prototype device and we are currently in Phase two of validating its Field trails in clinical setting.

- Publications (if any) out of research in last three years out of masters projects

## Journals

Departments	2017-18	2016-17	2015-16
Department of Management and Commerce offering MBA	12	32	18
Department of Mathematics and Computer Science offering MTech.(Computer Science)	9	8	6
Department of Physics offering MTech.(Optoelectronics and Communications)	9	13	26

- Industry Linkage

Detection of Antimicrobial Resistance (AMR) Genes in bacterial cultures and clinical isolates is a collaborative research project undertaken by the Department of Biosciences with OMIX Research and Diagnostic Research Laboratories Pvt., ltd., a startup based in Bengaluru, India. An MOU was signed with the company on October 1<sup>st</sup> 2017.

This has also led to a joint publication with OMIX labs- Mahalingam N, Manivannan B, Khamari B, Siddaramappa S, Adak S, Bulagonda EP\*. Detection of Antibiotic Resistance Determinants and their Transmissibility

among Clinically-isolated Carbapenem-resistant Escherichia coli from South India. Med Princ Pract. 2018 May 8. PMID: 29739004

The Department of Mathematics and Computer Science (DMACS), SSSIHL, has signed a MOU with Maestro Technologies, Inc. located at 1 W State Street, Trenton, NJ 08608 to work with infrastructure dedicated to Data Science, Analytics and Computing program and also enable engaging suitably qualified Academic Faculty to educate and train students in related new technologies and help in implementation of Research projects with protocols and objectives of the Institute on October 1<sup>st</sup> 2017.

Further, under the Central Research Instrument Facility (CRIF) umbrella, the Science faculty at SSSIHL have established collaborative links with national and international premier academic institutions and industries listed below:

Industrial Partners	
Grey Scientific Labs, Visakapatnam	Agilent Technologies India Pvt. Ltd.
SmartX Connected Products Pvt Ltd, Chennai	Twastrix, Pune
Light Motif Automation Sensors and Systems Pvt. Ltd., Hyderabad	Omix Research & Diagnostics Laboratories Pvt. Ltd., Bengaluru
Lab Engineers, Bengaluru	Labby Inc., USA
	Symrise, Chennai
Indras Pvt. Ltd., Hyderabad	Syngene Intl Ltd, Bengaluru

The Institute Industry Interface Cell (IIIC) was created in February 2018 to cater to research innovation at SSSIHL.

- MoUs with Industries (minimum 3)

#### National Institutions-MOUs/ Agreements-

The Department of Mathematics and Computer Science, Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam has signed a MoU with Herald Logic Pvt Ltd (HL), 2037, A wing, Oberoi Garden Estate, chandivli Farms Road, Andheri E,

Mumbai with on Code Development for benefitting Integrated-MCA students projects – 16<sup>th</sup> March 2017.

An agreement between TATA Education and Development Trust, C/o Sir Ratan Tata Trust, Bomaby House, Homi Mody Street, Fort, Mumbai – 400 001 and department of Chemistry dt.23.8.2017. The Trust sanctioned an amount of Rs.96.92 lakhs over three years to SSSIHL for the research project title 'ANIRVID' A cellphone based point-of-care diagnostic device (for dopamine and serotonin) to evaluate the effect of Therapeutic interventions on depression and heart ailments.

MoU has been signed between Sri Sathya Sai Institute of Higher Learning and Foundation for Innovation and Social Entrepreneurship (FISE), an initiative of Tata Trusts for creating an ecosystem for promoting innovation and entrepreneurship to work towards creating a pipeline of innovative ideas – 3<sup>rd</sup> August 2016.

The Department of Physics along with the Dept. of Physics, SSSIHL has signed a Memorandum of Understanding with Grey Scientific Labs, Kommadi, Visakhapatnam, AP, for completion of a project under Technology Development of Transfer (TDT) under the DST, Govt. of India with serial. No. DST/TSG/NTS/2015/67-G dt.2.5.2016.

#### International Institutions-MOUs-

To develop educational and scientific exchange and cooperation on a reciprocal basis for the benefit of the individual researchers and students, Sri Sathya Sai Institute of Higher Learning and Japan Advanced Institute of Science and Technology (JAIST) have signed a Memorandum of Understanding (MOU) - 26<sup>th</sup> January 2017.

The Department of Mathematics and Computer Science has signed an MoU with Maestro Technologies, Inc. located at 1 W State Street, Trenton, NJ 08608 to work with infrastructure dedicated to Data Science, Analytics and Computing program and also enable engaging suitably qualified Academic Faculty to educate and train students in related new technologies and help in implementation of Research projects with protocols and objectives of the Institute. – 1<sup>st</sup> October 2017.

The Department of Physics along with the Dept. of Biosciences, SSSIHL has signed a Memorandum of Understanding with Centre for Biologics Evaluation and Research (CBER), Food and Drug Administration (FDA),

Bethesda, Maryland, USA. Prof. J. Shashidhara Prasad, Prof. K. Venkataramaniah and Dr. (Mrs.) Tanu Rattan from the Dept. of Physics, and Prof. R Basavaraju and Dr. B E Pradeep of the Dept. of Biosciences at SSSIHL are collaborating with Dr. Indira K. Hewlett, & Dr Mohan H of CBER and FDA in the area of "Rapid Diagnosis of *Mycobacterium tuberculosis* using europium based nanoparticles" - 29<sup>th</sup> April 2014.

The SSSIHL and Intel Corporation, CA, USA has signed a Corporate Non-Disclosure Agreement on 21<sup>st</sup> May 2012 on confidential information.

A Corporate Non-Disclosure agreement between Intel Corporation, 2200 Mission College Blvd, Santa Clara, CA 95052-8119 and SSSIHL was signed on 21.5.2012 (Agreement dt. May 21, 2012 CNDA #: 81970426)

The department of Physics and Lab Engineers (India), Bangalore has signed an MoU for a project entitled 'Design and Development of Multimodal Optical Microscope using Fourier Optical Image Processing' on 15<sup>th</sup> December 2011.

18. LoA and subsequent EoA till the current Academic Year

DU/AICTE expert committee visit approval letter No.F.No.6-52/2001(CPP-I/DU) dt.16.1.2018 for MBA, MTech.(Computer Science) and M.Tech.(Optoelectronics and Communications) along with other degrees.

- 1) Master of Business Administration (MBA):  
AICTE approval letter no.431/40-30/ET-APR(M)/95 dt.13.8.2009 (Period of approval 2009-10)
- 2) Master of Technology (Computer Science):  
AICTE approval letter no.441/GEN/BOS(PG)/95 dt.21.8.2003 (Period of approval 2003-05)
- 3) Master of Technology (Optoelectronics and Communications):  
AICTE approval letter no.441/GEN/BOS(PG)/95 dt.21.8.2003 (Period of approval 2003-05)

19. Accounted audited statement for the last three years

Data given under URL:

<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-Financial-Statements-2017-18.pdf>

<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-Financial-Statements-2016-17.pdf>

<http://sssihl.edu.in/sssuniversity/Portals/0/Images/About%20SSSIHL/AICTE-Financial-Statements-2015-16.pdf>

20. Best Practices adopted, if any

See Appendix-2

Note: Suppression and/or misrepresentation of information shall invite appropriate penal action.

The Website shall be dynamically updated with regard to Mandatory Disclosures

## Academic Calendar of the University

## DEPARTMENT OF MANAGEMENT and COMMERCE

## Prasanthi Nilayam Campus (for Men) offering MBA

I MBA

I SEMESTER

13<sup>th</sup> June 2018

	1 Hour	2 Hour	3 Hour	4 Hour	5 Hour	6 Hour
<b>Mon</b>	MBAG 102 VBM VK	MBAG 106 FM SS		MBAG 107 SBM SM	MBAG 104 SD AS/NN	
<b>Tues</b>	MBAG 107 SBM SM		MBAG 104 SD AS/NN	MBAG 108 BMC RN	MBAG 106 FM SS	
<b>Wed</b>	MBAG 102 VBM VK		MBAG 101 EMDM DA	MBAG 101 EMDM DA	MBAG 105 FCA KC	
<b>Thurs</b>	Moral Class --	MBAG 103 MM AH		MBAG 107 SBM SM	MBAG 101 EMDM DA	
<b>Fri</b>	MBAG 103 MM AH	MBAG 106 FM SS	MBAG 100 AWR SRP	MBAG 102 VBM VK	MBAG 105 FCA KC	
<b>Sat</b>	MBAG 108 BMC RN	Colloquium --		MBAG 107 SBM SM		MBAG 103 MM AH

Code	Title	Room	Faculty		
MBAG 101 EMDM	Economics for Managerial Decision Making	C 4	DA	Dr Deepak Anand	
MBAG 102 VBM	Values Based Management	C 4	VK	Sri Vivek Kapoor	
MBAG 103 MM	Marketing Management	C 4	AH	Sri Arvind Hejmadi	
MBAG 104 SD	Self-Development	C 4	AS	Sri Amit Sood / Dr. N Niranjan	
MBAG 105 FCA	Financial and Cost Accounting	C 4	KC	Sri Kapil Chabra	
MBAG 106 FM	Financial Management	C 4	SS	Dr Subramanian S	
MBAG 107 SBM	Statistics for Business Management	C 4	SM	Dr Sanjay Mahalingam & G Aditya	
MBAG 108 BMC	Business and Managerial Communication	C 4	RN	Prof Radhakrishnan Nair	
MBAG 100 AWR	Awareness-1 (Non-credit)	C 4	SRP	Prof Shiv R Pandit	
Moral Class	Moral Class	--	--	--	
Colloquium	Colloquium	--	--	--	

Sl. No.	Colloquium faculty coordinators	Month	3 sessions in a month by the invitees and one session in a month by the students (last Saturday of the month)
1	AS & SS	June	
2	AH & DA	July	
3	NN & SM	August	
4	VK & VNPS	September	



**Prasanthi Nilayam Campus (for Men) offering MBA**

**DEPARTMENT OF MANAGEMENT and COMMERCE – SSSIHL**

**II MBA**

**III SEMESTER**

**13<sup>th</sup> June 2018**

	1 Hour	2 Hour	3 Hour	4 Hour	5 Hour	6 Hour
<b>Mon</b>	MBAG 301 MQ SM	MBAG 302 BL DA		Project --	MBAG 305 E1 PC/ AH/ KC+PS	
<b>Tues</b>	MBAG 305 E1 PC/ AH/ KC+PS		MBAG 302 BL DA	Project --	MBAG 307 E3 DA/ SM/ VK/ PS	
<b>Wed</b>	MBAG 302 BL DA	MBAG 306 E2 RN/NN/RKB/ AS/ SS		Project --	MBAG 301 MQ SM	
<b>Thurs</b>	Moral Class --	MBAG 303 MIS PC		Project --	MBAG 306 E2 RN/NN/RKB/ AS/ SS	
<b>Fri</b>	MBAG 300 AWR RN & HJB	MBAG 307 E3 DA/ SM/ VK/ PS			MBAG 308 CA SS	
<b>Sat</b>	MBAG 301 MQ SM	Colloquium --		Project --	MBAG 304 MCS KC	

Code	Title	Room	Faculty	
MBAG 301 MQ	Management of Quality	C 7	SM	Dr Sanjay Mahalingam
MBAG 302 BL	Business Laws	C 7	DA	Dr Deepak Anand
MBAG 303 MIS	Management Information Systems	C 7	CDP	Sri Prakash Chittaranjan
MBAG 304 MCS	Management Control Systems	C 7	KC	Sri Kapil Chabra
MBAG 305 E1	ITPM/ COB/ FRA (IT Project Management/ Consumer Behaviour /Financial Reporting & Analysis )	C 2 C 3 C 7 C 5		Sri Prakash D. Chittaranjan Sri. Arvind Hejmadi Sri Kapil Chhabra + Sri Prakash Sharma
MBAG 306 E2	ODT/CCM/SeM/FD, (Organisation Development & Transformation / Cross Cultural Management/ Services Marketing/ Financial Derivatives/)	C 2 C 3 C 7		Prof. Radhakrishnan Nair / Dr. Niranjan Prof. R. Kumar Bhaskar Sri Amit Sood Dr. Subramanian S.
MBAG 307 E3	SCM /BRM / CB ( Financial Services & Markets / Supply Chain Management / Brand Management / Corporate Banking )	C 2 C 7 C 5 C 3		Dr. Deepak Anand Dr. Sanjay Mahalingam Sri. Vivek Kapoor Sri. Prakash Sharma
MBAG 308 CA	Computer Applications	B 4		SS Dr Subramanian S
Project	Project	--		--
MBAG 300 AWR	Awareness-3	--		RN & HJB Prof Radhakrishnan Nair & Sri H J Bhagia
Moral Class	Moral Class	--		--
Colloquium	Colloquium	--		--

Sl. no.	Colloquium faculty coordinators	Month	3 sessions in a month by the invitees and one session in a month by the students (last Saturday of the month)
1	AS & SS	June	
2	AH & DA	July	
3	NN & SM	August	
4	VK & VNPS	September	

**Prasanthi Nilayam Campus (for Men) offering MBA**

Department of Management and Commerce						
TIME TABLE : I MBA II SEMESTER: 2018-19						
	1	2	3	4	5	6
Mon	MBAG 205 RM	MBAG 205 RM	MBAG 203 RMM	Research work	Research work	MBAG 206 MAC
	VK	VK	NN	--	--	PS / SS
Tues	MBAG 206 MAC	MBAG 202 HRM	MBAG 202 HRM	MBAG 204 BL	MBAG 204 BL	Research work
	PS / SS	RKB	RKB	DA	DA	--
Wed	MBAG 208 MS	MBAG 208 MS	MBAG 204 BL	MBAG 201 E&I	MBAG 201 E&I	MBAG 201 E&I
	SM	SM	DA	VK	VK	VK
Thurs	Moral Class	MBAG 203 RMM	MBAG 207 SOM	MBAG 208 MS	MBAG 208 MS	MBAG 202 HRM
	--	NN	SM	SM	SM	RKB
Fri	MBAG 202 HRM	MBAG 205 RM	MBAG 200 AWR	MBAG 206 MAC	MBAG 206 MAC	MBAG 207 SOM
	RKB	VK	SRP / KJ	PS / SS	PS / SS	SM
Sat	MBAG 205 RM	MBAG 209 APS/Colloquium	MBAG 209 APS/Colloquium	Research work	MBAG 207 SOM	MBAG 207 SOM
	VK	--	--	--	SM	SM
<b>Code</b>	<b>Title</b>		<b>Room</b>	<b>Hours</b>	<b>Faculty</b>	
MBAG 201 E&I	Entrepreneurship & Innovation			3	VK Sri Vivek Kapoor	
MBAG 202 HRM	Human Resources Management			4	RKB Prof. R. Kumar Bhaskar	
MBAG 203 RMM	Research Methods for Managers			2	NN Dr. N Niranjana	
MBAG 204 BL	Business Law			3	DA Dr. Deepak Anand	
MBAG 205 RM	Rural Management			4	VK Sri Vivek Kapoor	
MBAG 206 MAC	Management Accounting			4	PS / SS Sri Prakash Sharma	
MBAG 207 SOM	Service Operation Management			4	SM Dr Sanjay Mahalingam	
MBAG 208 MS	Management Science			4	SM Dr Sanjay Mahalingam	
MBAG 209 APS	Analytical and Presentation Skills - Part 2/Colloquium			2	Sri Amit Sood / Dr Sanjay Mahalingam	
MBAG 200 AWR	Awareness Indian Ethos & Values - Part-2		MMLC	1	SRP / KJ Prof Shiv R Pandit/Sh. K J Srinivas	

Moral Class	Moral Class		1	--
Research work	Research work		4	--
			36	

### Prasanthi Nilayam Campus (for Men) offering MBA

TIME TABLE : II MBA IV SEMESTER : 2018-19						
	1	2	3	4	5	6
Mon	MBAG 404 CG	MBAG 407 E3	MBAG 407 E3	Project	Project	MBAG 402 SM
	PS	AH / RKB / SS	AH / RKB / SS	--	--	AH / SM / AS
Tues	MBAG 402 SM	MBAG 402 SM	MBAG 401 VCL	MBAG 408 CA	MBAG 408 CA	MBAG 408 CA
	AH / SM / AS	AH / SM / AS	NN / AS	SS	SS	SS
Wed	MBAG 403 NPRD	MBAG 401 VCL	MBAG 401 VCL	Project	MBAG 407 E3	MBAG 407 E3
	DA	NN / AS	NN / AS	--	AH / RKB / SS	AH / RKB / SS
Thurs	Moral Class	MBAG 406 E2	MBAG 406 E2	MBAG 401 VCL	MBAG 403 NPRD	MBAG 404 CG
	--	SS / VK / RKB	SS / VK / RKB	NN / AS	DA	PS
Fri	MBAG 400 AWR	MBAG 405 E1	MBAG 405 E1	Project	MBAG 406 E2	MBAG 406 E2
	HJB / DA	DA / AV / AS / PC	DA / AV / AS / PC	--	SS / VK / RKB	SS / VK / RKB
Sat	MBAG 402 SM	Colloquium	Colloquium	Project	MBAG 405 E1	MBAG 405 E1
	AH / SM / AS	--	--	--	DA / AV / AS / PC	DA / AV / AS / PC
Code	Title		Room	Hours	Faculty	
MBAG 401 VCL	Values Centered Leadership		C 7	4	NN / AS Dr N Niranjana / Sri Amit Sood	
MBAG 402 SM	Strategic Management		C 7	4	AH / SM Sri Arvind Hejmadi / Dr Sanjay Mahalingam	
MBAG 403 NPRD	National Perspectives and Rural Development		C 7	2	DA Dr Deepak Anand	
MBAG 404 CG	Corporate Governance		C 7	2	PS Sri Prakash Sharma	
MBAG 405 E1	F-FIM / F-FIS / M-ReM/ S-BA (Financial Institution and Markets / Fixed Income Securities / Relationship Marketing / Business Analysis )			4	DA / AV / AS / NR / PC Dr Deepak Anand / Dr Aanand Venkatraman+ Sh. Srivathsan R. / Sri Amit Sood / Sri Prakash Chittaranjan	
MBAG 406 E2	F-ER / M-RM / H-PC ( Equity Research / Rural Marketing / Personnel Counselling )			4	SS / VK / RKB Dr Subhash Subramanian / Sri Vivek Kapoor / Prof Kumar Bhaskar	
MBAG 407 E3	M-MS / OB-TA / DS-ML ( Marketing Strategy / Transactional Analysis / Machine Learning)			4	AH / RKB / SS Sri Arvind Hejmadi / Prof R. Kumar Bhaskar / Dr Subhash Subramanian	
MBAG 408 CA	Computer Application: Enterprise Software			3	SS Dr Subramanian S	
MBAG 410 SSPD	Soft Skill and Personality Development			0	AS Sri Amit Sood	
Project	Project Work			5	--	
MBAG 400 AWR	Awareness Course IV - My Life is My Message		MMLC	1	HJB / DA Sri H J Bhagia	
Moral Class	Moral Class			1	--	
Colloquium	Colloquium			2	--	
				36		

# Anantapur Campus (for Women) offering MBA

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING, ANANTAPUR CAMPUS

DEPARTMENT: Management & Commerce		WORK LOAD - U.G & P.G. 2018 - 2019												SEMESTER: <sup>Even</sup> <del>Odd</del> Semester								
PERIOD	CLASS	I		II		III		IV		V		VI										
DAY		Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l						
Monday	III UG BBA	UBBA60	4	AV				UBBA-605 (F-TAPM)	3	✓	UBBA-601	4	BL	UBBA-603	4	Ⓚ	UBBA-606 (M-T-TH)	3	✓	US		
	PG I Yr MBA				MBAG-207	4	✓	MBAG-202	4	✓	MBAG-205	4	✓	MBAG-201	1	✓	MBAG-207	4	✓	✓	RB	
	PG II Yr MBA	MBAG-402	4	✓	US	MBAG-408	1	✓	MBAG-409	1	✓	MBAG-405 (F-PPP/GRE)	4	✓	MBAG-404	4	✓	MBAG-407 (M-MS)	4	✓	✓	AA
Tuesday	III UG BBA	UBBA-605 (F-TAPM)	3	✓				UBBA601	4	✓	UBBA602	4	AV				UBBA-606 (M-THU)	3	✓	✓	US	
	PG I Yr MBA	MBAG-208	2	✓	MBAG-203	1	✓				MBAG-204	3	✓	MBAG-206	4	✓	MBAG-209	1	✓	✓	TS	
	PG II Yr MBA							MBAG-410	1	✓	MBAG-406 (F-PPP/GRE)	4	✓	MBAG-404	2	✓	MBAG-406 (M-TM)/F-MS	4	✓	✓	✓	AA

**Anantapur Campus (for Women) offering MBA**

PERIOD		I		II		III		IV		V		VI							
DAY	CLASS	Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l						
Wednesday	III UG BBA	UBBA-606 (M-RUN)	3	✓ US	UBBA-603	4	✓ EP	UBBA602	4	✓ AV	UBBA-604 UBBA604	4	✓ TS	UBBA-607 UBBA-607	1	✓ EP	UBBA-607	1	✓ EP
	PG I Yr MBA	MBAG-204	4	✓ EP	MBAG-201	1	✓ TS	MBAG-202	4	✓ A	MBAG-207	4	✓ EP	MBAG-209 MBAG-209	1	✓ TS	MBAG-204	3	✓ EP
	PG II Yr MBA	MBAG-406 (M-TM/R-03)	4	✓ EP	MBAG-407 (M-MS)	4	✓ EP	MBAG-403	2	✓ EP	MBAG-402	4	✓ US	MBAG-401	4	✓ EP	MBAG-401	4	✓ EP
Thursday	III UG BBA				UBBA-603	4	✓ EP	UBBA 602	4	✓ AV	UBBA-601	4	✓ MW				UBBA-604	4	✓ TS
	PG I Yr MBA				MBAG-202	4	✓ A				MBAG-208	2	✓ EP	MBAG-208	2	✓ EP	MBAG-205	4	✓ US
	PG II Yr MBA				MBAG-404	2	✓ TS	MBAG-402	4	✓ US	MBAG-403	2	✓ EP	MBAG-407 (M-MS)	4	✓ EP	MBAG-401	4	✓ EP

# Anantapur Campus (for Women) offering MBA

3

PERIOD	CLASS	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	
Friday	III UG	BBA			UBBA-604	4	TS				UBBA-603	4	TS				
	PG I Yr	MBA	MBA4-208	4	TS	MBA4-206	4	TS	MBA4-205	4	TS	MBA4-202	4	TS	MBA4-201	3	MA
	PG II Yr	MBA	MBA4-402	4	TS	MBA4-408	4	TS	MBA4-405 (F-PPF-RE)	4	TS	MBA4-407 (M-MS)	4	TS	MBA4-406 (H-TM/F-CFS)	4	TS
Saturday	III UG	BBA	UBBA-604	4	TS			UBBA-601	4	TS	UBBA-605 (F-IAPM)	3	MA	Symposium		Symposium	
	PG I Yr	MBA	MBA4-203	4	TS	MBA4-206	4	TS	MBA4-207	4	TS	MBA4-205	4	TS	Symposium	NC	TS
	PG II Yr	MBA	MBA4-405 (F-PPF/RE)	4	TS	MBA4-408	4	TS			MBA4-406 (H-TM/F-CFS)	4	TS	Symposium	NC	TS	TS

\*Intl: Indicates teachers initials to indicate who is teaching the course and / or how credits are shared when more than one teacher is teaching the same course. The teachers full name corresponding to the initials may be also provided below this table.

- 1 Prof. (Ms.) Ch. Radha Kumari
- 2 Dr. (Ms.) N. Niranjana
- 3 Dr. (Ms.) T.R. Rajeshwari
- 4 Dr. (Ms.) U. Suma
- 5 Mrs. K. Kiran
- 6 Mrs. N. Jayaprada

- 7 Mrs. Akanksha Aggarwal
- 8 Dr. (Mrs.) G. Padmavathy
- 9 Dr. (Mrs.) T. Swetha
- 10 Mrs. V. Aparna
- 11 Mrs. Mithula
- 12 Mrs. C. Sujatha

Signature of Head of the Department

# Anantapur Campus (for Women) offering MBA

SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING, ANANTAPUR CAMPUS

DEPARTMENT: Management & Commerce		WORK LOAD - U.G. & P.G. 2018 - 2018												SEMESTER: Odd Semester					
PERIOD	CLASS	I		II		III		IV		V		VI							
DAY	CLASS	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl			
Monday	III UG BBA	UBBA 505 (F-Fc)	3	AA	UBBA 505 (F-Fc)	3	AA	UBBA 503	4	AA	UBBA 502	4	AA	UBBA 505 (H-HRB)	3	AA	UBBA 501	4	AA
	PG I Yr MBA	MBAG 104	1	TR	MBAG 103	4	AA	MBAG 102	4	AA				MBAG 105	4	TR	MBAG 106 P	1	TR
	PG II Yr MBA	MBAG 301	4	TR	MBAG 302	4	TR	MBAG 307 (F-MA)	4	TR	MBAG 306 (F-9APM)	4	TR	MBAG 306 (M-CB)	4	TR	MBAG 303	2	TR
								MBAG 306 (H-ODT)	4	TR				MBAG 305 (S-KM)	4	TR			
Tuesday	III UG BBA	UBBA 503	4	AA	UBBA 501	4	AA	UBBA 506 (M-CB)	3	AA	UBBA 501	4	AA				UBBA 504	4	TR
	PG I Yr MBA	MBAG 107	3	TR	MBAG 103	4	AA	MBAG 106 P	1	AA	MBAG 105	4	TR	MBAG 106-T	3	AA	MBAG 101	4	TR
	PG II Yr MBA				MBAG 301	4	AA				MBAG 302	4	TR	MBAG 306 (H-ODT)	4	TR	MBAG 303	2	TR
														MBAG 306 (F-9APM)	4	TR			

Anantapur Campus (for Women) offering MBA

PERIOD		I		II		III		IV		V		VI							
DAY	CLASS	Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l	Course	Crds	*Int'l						
Wednesday	III UG BBA	UBBA 503	4	NR	UBBA 506(M-CB)	4	AA	UBBA 505 (H-THM)	3	AA	UBBA 502	4	TS	UBBA 503	4	NR	UBBA 504	4	TU
	PG I Yr MBA	MBAG 102	4	AA	MBAG 108	1	TS	MBAG 106-T	3	AA	MBAG 105	4	NR	MBAG 107	3	NR	MBAG 107	3	NR
	PG II Yr MBA	MBAG 307 (F-MA)	4	NR	MBAG 301	4	AA	MBAG 305 (M-CB)	4	AA	MBAG 308	1	NR	MBAG 305 (S-KM)	4	NR	MBAG 302	4	
Thursday	III UG BBA				UBBA 502	4	TS	UBBA 504	4	AA	UBBA 506 (M-CB)	4	NR	UBBA 501	4	NR	UBBA 505 (F-FS)	3	NR
	PG I Yr MBA				MBAG 106-T	3	NR	MBAG 101	4	NR	MBAG 107	3	NR	MBAG 105	4	NR	MBAG 108	1	TS
	PG II Yr MBA				MBAG 305 (M-CB)	4	NR				MBAG 306 (H-CDT)	4	NR	MBAG 308	1	NR	MBAG 308	1	NR



## Anantapur Campus (for Women) offering MBA

3

PERIOD	CLASS	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl	Course	Crds	*Intl
Friday	III UG BBA	UBBA 507	1	SR	UBBA 507	1	SR	UBBA 502	4	SR	UBBA 501	4	SR	UBBA 505 (H-HRD)	3	SR
	PG I Yr MBA	MBAG 102	4	SR	MBAG 104	1	SR	MBAG 104	1	SR	MBAG 107	3	SR	MBAG 101	4	SR
	PG II Yr MBA	MBAG 305 (S-KM)	4	SR	MBAG 304	2	SR	MBAG 302	4	SR				MBAG 307 (F-MA)	4	SR
Saturday	III UG BBA	UBBA 501	4	SR	UBBA 505 (F-FS)	3	SR				UBBA 504	4	SR			
	PG I Yr MBA	MBAG 102	4	SR	MBAG 101	4	SR	MBAG 103	4	SR	MBAG 107	3	SR			
	PG II Yr MBA	MBAG 304	2	SR	MBAG 306 (H-ODT)	4	SR	MBAG 307 (F-MA)	4	SR						

\*Intl: Indicates teachers initials to indicate who is teaching the course and / or how credits are shared when more than one teacher is teaching the same course. The teachers full name corresponding to the initials may be also provided below this table.

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4 Dr. (Ms.) U. Suma

5 Ms. Kiran Kiran

6 Mrs. N. Jayaprada

Mrs. Aparna

7 Mrs. Akanksha Aggarwal

8 Dr. (Mrs.) G. Padmavathy

9 Dr. (Mrs.) T. Swetha

10 Ms. B. Vysavyadevi

11 Mrs. Pushpa Mechanti

Ms. Mithula

Ms. Padmalalitha

Ms. Vani

Signature of Head of the Department

**Prasanthi Nilayam Campus (for men) offering M.Tech.(Computer Science)**

	1	2	3	4	5	6
<b>MONDAY</b>		UMCS 201-202(NUK) UMAT-401(DKKV)	UMCS 201-202(NUK)	UMAT-201B(BVKB)		
	UMAT-402(LPK)					
	PMAT-201(NUK)	PMAT-203(VC/SSM)	PAWR-200(MMLC)	PMAT 205(VV/SSM)	PMAT 205(VV/SSM)	PMAT 205(VV/SSM)
	PMAT-403(SB)	PMAT-402(BVKB)	PMAT-404 (DKKV/PKB/SSM) DISSERTATION	PMAT-401(DKKV)	PMAT-405(LPK/SSS) DISSERTATION	LIBRARY/PMAT-404(NUK)
	MTCS-207(RRS)	MTCS-201(PKB)	MTCS-203(MSS)	MTCS-206(VC)	MTCS-203P(MSS)	MTCS-203P(MSS)
<b>TUESDAY</b>				UMAT-202(LPK)	UMAT-201B(BVKB)	UMCS 201-202(NUK)
		UMAT-401(DKKV)		UMAT-401(DKKV)		
	PMAT-204(RRS/SSM)	PMAT-201(NUK)	PMAT-202(BVKB)	PMAT 205(VV/SSM)	PMAT 205(VV/SSM)	PMAT 205(VV/SSM)
	PMAT-402(BVKB)	PMAT-403(SB)	PAWR-400(MMLC)	DISSERTATION	PMAT-405(LPK/SSS) DISSERTATION	DISSERTATION
	MTCS-202(KSS)	MTCS-202(KSS)	MTCS-201(PKB)		MTCS-204(PKB)	MTCS-204P(PKB)
<b>WEDNESDAY</b>			UMCS 201-202(NUK)		UMCS 201-202(NUK)	UMAT-202(LPK)
	PMAT-202(BVKB)	PMAT-201(NUK)	PAWR-200(MMLC)	PMAT-203(VC/SSM)	PMAT-205(VV/SSM)	PMAT-205(VV/SSM)
	PMAT-401(DKKV)	PMAT-405(LPK/SSS) DISSERTATION	PMAT-401(DKKV)	PMAT-402(BVKB)	PMAT-403(SB)	LIBRARY/PMAT-404(NUK)
	MTCS-201(PKB)	MTCS-205(SB/KSS/RRS)	MTCS-204(PKB)	MTCS-202P(PKB)	MTCS-202P(PKB)	MTCS-202P(PKB)
<b>THURSDAY</b>		UMCS 201-202(NUK)	UMCS 201-202(NUK)		UMAT-201B(BVKB)	
			UMAT-401(DKKV)			UMAT-402(LPK)
		PMAT-203(VC/SSM)	PMAT-204(RRS/SSM)	PMAT-206(SB)	PMAT-201(NUK)	LIBRARY
		PMAT-402(BVKB)	PAWR-400(MMLC)	PMAT 406 (DKKV/VV/SSM/SK)	PMAT 406 (DKKV/VV/SSM/SK)	PMAT 406 (DKKV/VV/SSM/SK)
		MTCS-202(KSS)	MTCS-202P(PKB)	MTCS-204P(PKB)	MTCS-204P(PKB)	MTCS-204P(PKB)
<b>FRIDAY</b>				UMAT-202(LPK)		
	PMAT-202(BVKB)	PMAT-203(VC/SSM)	PMAT-204(RRS/SSM)	PMAT-202(BVKB)	UMAT-402(LPK)	LIBRARY
	PMAT-404 (DKKV/PKB/SSM) DISSERTATION	PMAT-403(SB)	PMAT-401(DKKV)	PMAT 406 (DKKV/VV/SSM/SK)	PMAT 406 (DKKV/VV/SSM/SK)	PMAT 406 (DKKV/VV/SSM/SK)
	MTCS-205(SB/KSS/RRS)	MTCS-203(MSS)	SAWR-200N(MMLC)	MTCS-205P(SB/KSS/RRS)	MTCS-205P(SB/KSS/RRS)	MTCS-205P(RRS)
	SAWR-400N(MMLC)					
<b>SATURDAY</b>		UMAT-201B(BVKB)	UMAT-202(LPK)		UMCS 201-202(NUK)	UMCS 201-202(NUK)
	PMAT-404 (DKKV/NUK/PKB/SSM) DISSERTATION				PMAT-204(RRS/SSM)	
	MTCS-205(SB/KSS) MTCS-205P(RRS)	COLLOQUIUM/TECH TALKS		MTCS-203(MSS)	MTCS-203P(MSS)	MTCS-203P(MSS)

**KSS:** Prof. K S Sridharan **PKB :** Dr.Pallav K Baruah **RRS:** Dr.RaghunathSarma **SB:** Dr.SBalasubramanian **NUK:** Dr. N Uday Kiran  
**DKKV:** Dr.D. K. K . Vamsi **SK:** Sri Srikanth Khanna **SSS:** Sri Sai Shyam, **MSS:** Sri M Srinath, **LPK:** Dr. L Praveen,  
**SSM :**Sri Sathya Sai M, **CUK:** Sri C Uday Kiran, **VV:** Sri Varun Vallampatla **BVKB:** Sri B V K Bharadwaj **VC:** Prof. V Chandrasekaran

**CLASS ROOMS:**

**Ist M. Sc. -** Class Room – A-5

**IInd M. Sc. -** Class Room – A-6

**Ist M. Tech. -** Class Room – D4-B

**IInd M. Tech. -** Class Room – D4-A

## Prasanthi Nilayam Campus (for men) offering M.Tech.(Computer Science)

	1	2	3	4	5	6
<b>MONDAY</b>		UMCS-102P(SSS)	UMCS-102P(SSS)	UMAT-101(SK)		
	UMAT-302(LPK)	UMAT-301(DKKV)				
	PMAT-103(MSS)	PMAT-102(BVKB)	PAWR-100(MMLC)	PMAT 105 (CUK)	PMAT 105 (CUK)	PMAT 105(CUK)
	PMAT-302(SSS)	PMAT-303(SB)	PMAT-301(NUK)	PMAT-303(SB)	PMAT-305(KSS/BVKB)	LIBRARY
	MTCS-101(NUK)	MTCS-104P(SK)	MTCS-104P(SK)	MTCS-103(PKB)	MTCS-103(PKB)	MTCS-105(PKB)
<b>TUESDAY</b>				UMAT-101(SK)	UMAT-102(MSS)	UMCS-101(SSS)
				UMAT-302(LPK)		
	PMAT-101(DKKV)	PMAT-102(BVKB)	PMAT-104 (SB&RRS/SSM/LPK)	PMAT-103(MSS)	PMAT-101(DKKV)	LIBRARY
	PMAT-301(NUK)	PMAT-302(SSS)	PAWR-300(MMLC)	PMAT 306 (VV/SSM/SK)	PMAT 306 (VV/SSM/SK)	PMAT 306 (VV/SSM/SK)
	MTCS-102(RRS)		MTCS-101P(NUK)	MTCS-102P(RRS)	MTCS-102P(RRS)	MTCS-102P(RRS)
	MTCS301(SB)					
<b>WEDNESDAY</b>			UMCS-101(SSS)		UMCS-101(SSS)	UMAT-101(SK)
	PMAT-103(MSS)	PMAT-101(DKKV)	PAWR-100(MMLC)	PMAT 105 (CUK)	PMAT 105(CUK)	PMAT-104 (SB&RRS/SSM/LPK)
	PMAT-305(KSS/BVKB)	PMAT-301(NUK)	PMAT-304 (NUK/LPK/DKKV/SSM/RRS)	PMAT-302(SSS)	PMAT-301(NUK)	PMAT-307(KSS/BVKB)
	MTCS-102P(RRS)	MTCS-104(SK)	MTCS-104(SK)	MTCS-103(PKB)	MTCS-103P(PKB)	MTCS-106(MSS)
	MTCS-301P(SB)					
<b>THURSDAY</b>		UMCS-102P(SSS)	UMCS-102P(SSS)			UMAT-102(MSS)
			UMAT-301(DKKV)			UMAT-302(LPK)
	MORAL CLASS	PMAT-104 (SB&RRS/SSM/LPK)	PMAT-103(MSS)		PMAT-102(BVKB)	LIBRARY
		PMAT-305(KSS/BVKB)	PAWR-300(MMLC)	PMAT 306 (VV/SSM/SK)	PMAT 306 (VV/SSM/SK)	PMAT 306 (VV/SSM/SK)
		MTCS-102(RRS)	MTCS-102(RRS)	MTCS-103P(PKB)	MTCS-103P(PKB)	MTCS-103P(PKB)
			MTCS-301P(SB)	MTCS-301P(SB)	MTCS-301P(SB)	
<b>FRIDAY</b>				UMAT-102(MSS)		
			UMAT-302(LPK)		UMAT-301(DKKV)	
		PMAT-101(DKKV)	PMAT-102(BVKB)	PMAT 105 (CUK)	PMAT 105(CUK)	PMAT 105(CUK)
	PMAT-304 (NUK/LPK/DKKV/SSM/RRS)	PMAT-302(SSS)	PMAT-303(SB)	DISSERTATION	DISSERTATION	DISSERTATION
	MTCS-104(SK)	MTCS-101(NUK)	SAWR-100N(MMLC)	MTCS-101P(NUK)	MTCS-101P(NUK)	MTCS-101P(NUK)
SAWR-300N(MMLC)	MTCS-301(SB)					
<b>SATURDAY</b>	UMAT-101(SK)			UMAT-101(SK)	UMCS-102P(SSS)	UMCS-102P(SSS)
						UMAT-301(DKKV)
	PMAT-303(SB)	COLLOQUIUM/TECH TALKS		PMAT-104 (SB&RRS/SSM/LPK)		
	MTCS-101(NUK)				PMAT-304 (NUK/LPK/DKKV/SSM/RRS)	
				RESEARCH/ PROJECTS DISCUSSION		

**KSS:** Prof. K S Sridharan **PKB :** Dr.Pallav K Baruah **RRS:** Dr.RaghunathSarma **SB:** Dr.SBalasubramanian **NUK:** Dr. N Uday Kiran  
**DKKV:** Dr.D. K. K . Vamsi **SK:** Sri Srikanth Khanna **SSS:** Sri Sai Shyam, **MSS:** Sri M Srinath, **LPK:** Dr. L Praveen,  
**SSM :**Sri Sathya Sai M, **CUK:** Sri C Uday Kiran, **VV:** Srivarun Vallampatla **BVKB:** Sri B V K Bharadwaj

### CLASS ROOMS:

#### Ist M. Sc.

PMAT – 101,102,103 – Ist M. Sc. Class Room – A -5 PMAT – 104 – SB & RRS - A-5, SSM – D-5, LPK – D-6

#### IInd M. Sc.

PMAT – 301,302,303 – IInd M. Sc. Class Room – A -6 PMAT – 304 – RRS - A-6, LPK – D-5, SSM – D-6

PMAT – 305 – KSS – A-6, BVKB – D-6

**Ist M. Tech. -** Class Room – D4-B **IInd M. Tech. -** Class Room – D4-A

**Prasanthi Nilayam Campus (for men) offering M.Tech.(Optoelectronics and Communications)**

**Department of Physics, SSSIHL, PN Campus  
Time-Table  
Summer Semester 2018-19 (w.e.f 1<sup>st</sup> June 2018)**

	1	2	3		4	5	6
<b>Mon</b>	MTOC 103 RGS	Library	MTOC 104 SSSS	<b>LUNCH BREAK</b>	MTOC 106 (SS) MTOC 303 Software Lab III (MS)		
<b>Tues</b>	MTOC 103 RGS MTOC 301 PY	MTOC 104 SSSS	MTOC 102 SS		MTOC 107 Java Lab (VV)		
<b>Wed</b>	MTOC 101 KC MTOC 301 PY	Library	MTOC 104 SSSS		MTOC 106 (SS)		
<b>Thurs</b>	MORAL CLASS	MTOC 101 KC	MTOC 102 SS		MTOC 107 Java lab (VV)		
<b>Fri</b>	MTOC 102 SS MTOC 301 PY	MTOC 101 KC	I M.Tech. AWR		MTOC 103 (P) (RGS/Sumukh)		
<b>Sat</b>	MTOC 105 SRK MTOC 302 SKM	MTOC 105 SRK MTOC 302 SKM	MTOC 105 SRK MTOC 302 SKM		MTOC 107 Java prog lab (VV) MTOC 303 software lab III (MS)		

MTOC 101	Optoelectronics	KC	Dr Krishna Chaitanya
MTOC 102	Digital communication systems	SS	Dr Shailesh Srivastava
MTOC 103(T)	Fiber Optic Components	RGS	Dr R Gowrishankar
MTOC 103(P)	Practical: Fiber Optic Components	RGS	Dr Shailesh Srivastava
MTOC 104	Elective – I: PE-NC1: Computer Networks	SSSS	Prof Siva Sankara Sai
MTOC 105	Elective – II: PE-NC5: Signal Processing	SRK	Mr Sivaramakrishnan S
MTOC 106	Optoelectronics Lab	SS	Dr Shailesh Srivastava
MTOC 107	Software Lab – I	VV	Mr Srivarun V
MTOC 301	Elective – V: PE-NC3: Network Security	PY	Mr Prabhakar Y
MTOC 302	Elective – VI: PE-VLSI-1: Principles of VLSI	SKM	Mr Sai Krishna Mopuri
MTOC 303	Software Lab III	MS	Mr M Srinivasan

**Prasanthi Nilayam Campus (for men) offering M.Tech.(Optoelectronics and Communications)**

**Dept. of Physics, SSSIHL, PN Campus  
Time-Table Nov. 2018 – April 2019**

	1	2	3		4	5	6
<b>Mon</b>	MTOC 201 (SK - 1)	MTOC 204 (SSSS-1)	MTOC 203 (RGS-1)	<b>LUNCH BREAK</b>	-----MTOC 207 PKC		<b>AWR 200</b>
<b>Tues</b>	MTOC 203 (RGS-2)	Library	MTOC 201 (SK -2)		--	-----MTOC 206 SSSS/KC -----	
<b>Wed</b>	MTOC 203 (RGS - 3)	Library	MTOC 202 (SS - 1)			-----MTOC 206 SSSS/KC -----	
<b>Thurs</b>	<b>MORAL CLASS</b>	MTOC 202 (SS - 2)	MTOC 204 (SSSS- 2)			-----MTOC 201 (P) Lab (SK)----- ---	
<b>Fri</b>	MTOC 202 (SS- 3)	MTOC 204 (SSSS-3)	Library			----- MTOC 206 SSSS/ KC -----	
<b>Sat</b>	MTOC 205 (SRK- 1)	MTOC 205 (SRK- 2)	MTOC 205 (SRK-3)			-----MTOC 207-----	
	<b>9:20 AM</b>	<b>10:10 AM</b>	<b>11:00 AM</b>		<b>01:15 PM</b>	<b>02:05 PM</b>	<b>02:55 PM</b>

MTOC 201	Optoelectronic Sensors	(SK)	Swarup Kundu
MTOC 202	Optical Communication Systems	(SS)	Dr. Shailesh Srivastava
MTOC 203	Optical Networks	(RGS)	Dr. R. Gowrishankar
MTOC 204	PE-NC2 Ad Hoc Wireless Networks	(SSSS)	Prof S Siva Sankara Sai
MTOC 205	OE 1 Digital Image Processing	(SRK)	Mr Siva Rama Krishna
MTOC 206	Networking Laboratory	(SSSS)	Prof S Siva Sankara Sai
MTOC 207	Software Laboratory	(PKC)	Pardeep Kumar Choudary

**Title-** Sri Sathya Sai System of Integral Education (SSSSIE)

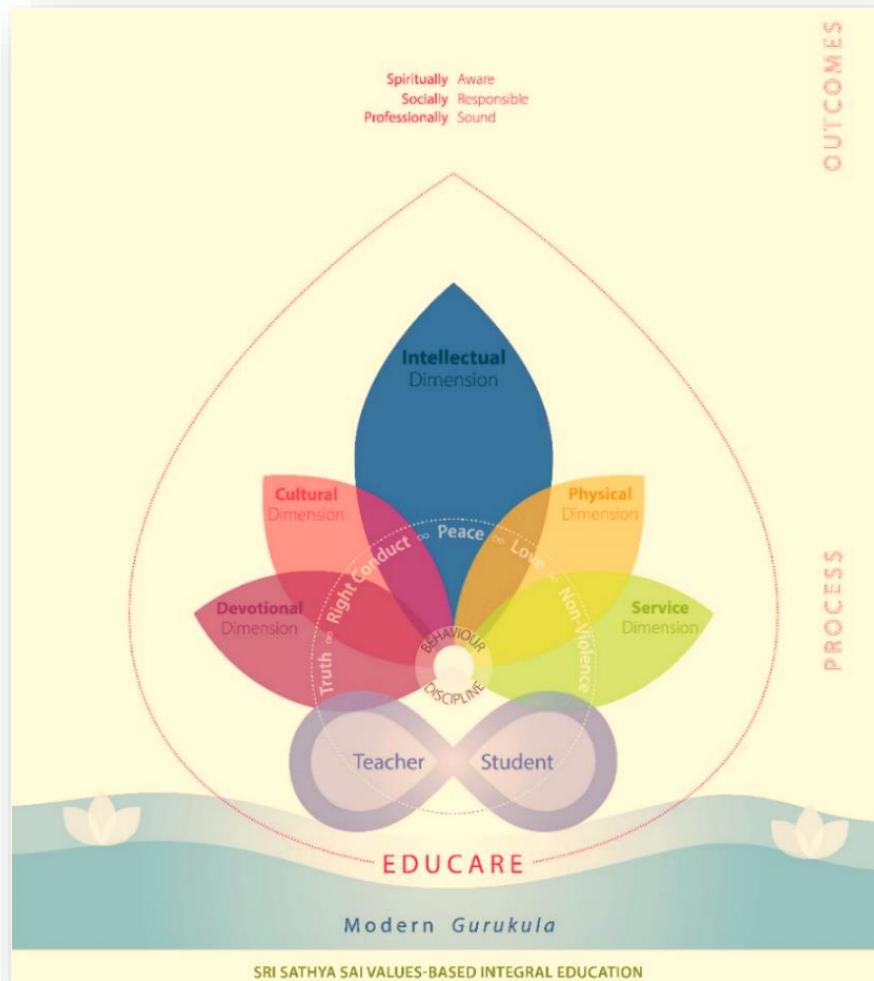
**Objectives of the Practice-** According to the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba- *End of Education is Character*. Keeping in mind this dictum, the objective of this 'best practice' is to impart education which moulds students into ideal citizens wedded to the service of the society. SSSSIE aims to combine academic competence with development of good character, noble attitudes and values, social sensitivity and spiritual awareness in all students.

**Context-** Education is increasingly becoming an instrument for filling the minds with mere information. The students are charged substantially high fees in the name of imparting world class education. The sole purpose of education has become earning a livelihood and not acquiring life skills. The worth of an educational institution is being judged by the placements and pay packages it can offer to its students. Revered Founder Chancellor observed- At present, colleges are infected with anxiety and perplexity, discontent and ill-discipline, irreverence and futility; they have lost the status of temples of learning, where youth are shaped into self-reliant, contented and enterprising heroes.

In this context, Sri Sathya Sai Baba, the Revered Founder Chancellor, had foreseen the need for values based education programme and had taken concrete steps to implement the same into a formal educational system known as SSSSIE. He observed- *The crisis is educational field is well known. Many attempts have been made to bring about changes in the educational system. But it is forgotten that what gives education its true value and significance is its moral and spiritual content.*

**Practice-** The word education, according to the Oxford dictionary, has come out of the root word *educare*. According to the Revered Founder Chancellor, Bhagawan Sri Sathya Sai Baba- The word Educare has its origin in the Latin word, 'educere', which means 'to elicit'. Educare has two aspects, the worldly and the spiritual. Worldly education brings out the latent knowledge pertaining to the physical world. Spiritual education brings out the inherent divinity in man. So, both worldly and spiritual education is essential, without which the human life has no value.

This unique model of education was established on the lines of **Gurukula** system of education of the yore to make the students Professionally Sound, Socially Responsible and Spiritually Aware. It has five dimensions- Intellectual, Cultural, Devotional, Physical and Service to develop the students in holistic individuals.



The unique and distinctive features of this system of education are:

- Equal emphasis on curricular and co-curricular aspects
- Integrating values with secular knowledge through curriculum and classroom teaching
- Curriculum steeped in rich Indian Culture
- Synthesis of Science and spirituality
- Compulsory residential system
- One in five teachers stay in the hostels guiding and mentoring the students in academics and other aspects
- Inculcating the spirit of self-reliance in students in the hostels- self-reliance means reliance on one's own innate capabilities and talents which is facilitated in the students through dignity of labour and respect for work
- Open admissions policy irrespective of caste, creed, religion or income or region
- Free education for all students

As the Sri Sathya Sai System of Integral Education offers FREE EDUCATION for all irrespective of caste, creed, religion or region with no fees whatsoever have been charged from any students; no non-recurring budget (salaries) are taken from State or Central Govt.; and totally a residential nature of education have been offered – no constraints have been encountered so far by Sri Sathya Sai Institute of Higher Learning.

**Evidence of Success-** According to Bharat Ratna Dr. APJ Abdul Kalam, the then President of India at the 21st Convocation of the Sri Sathya Sai Institute of Higher Learning dt. 22.11.2002: *“The purpose of real education is to initiate a learning process that transforms students into good human beings with knowledge and value systems. Is values-based education possible? Sri Sathya Sai Institute of Higher Learning has given an answer in the affirmative. I would like to congratulate the Institute for this noble education.”*

Few tangible results of the SSSSIE:

- Academic calendar is followed scrupulously with clockwork precision
- Teachers and students grow in a spirit of camaraderie hence there has never been an occasion of student unrest or ragging.
- Alumni Impact Analysis: An alumni impact analysis survey was carried out in the year 2011 where total of 744 alumni completed the survey. The broad findings are given below:

**7** in **10** alumni felt that their experience at the university contributed **“VERY SIGNIFICANTLY”** to developing their ability / competence in one or more of the following:

**Integrity** n = 388

**Work ethics**

**Concern for society and environment**

**Dealing with different types of people**

**Working in teams**

**9** in **10** alumni felt that their experience at the university contributed **“SIGNIFICANTLY”** to developing their ability / competence in one or more of the following:

**Patience and perseverance** n = 388

**Inspire others by example**

**Leadership**

**Organizing time effectively**





**Title-** Teaching Quality Feedback (TQF)

**Objectives of the Practice-** According to the Revered Founder Chancellor Bhagawan Sri Sathya Sai Baba, a teacher should be an '*acharya*' who teaches students by his *acharana*- conduct (practice). Teachers should not only have knowledge of the subject but the skills to impart the same to the students. He/she should have the spirit of being a student for life to never stop learning and kindle the same spirit in the students. Objective feedback from the 'taught' about the teaching process goes a long way in providing the necessary inputs to the teacher to assess his/her teaching vis-à-vis the benchmarks of an ideal teacher and bring about the necessary improvements.

**Context-** The rigour of the present day workplace like corporates, research institutions, entrepreneurship etc., requires the students to be thorough in their basics, also acquire additional knowledge in their specific fields of study and also be innovative in their approach. Due to this, the teaching process is witnessing a paradigm shift from the traditional chalk and talk method to the interactive and participative type of teaching enhanced by the modern teaching aids available to the teachers. In this context, to undertake effective teaching, the feedback from students about the teaching process becomes very important. For the feedback to be effective, following points had to be addressed:

- Has to be confidential so that students can give candid and constructive inputs about the teaching process.
- The questionnaire should be designed in such a way that it captures information about all the aspects of teaching learning process.
- The analysis of the feedback to be presented to the faculty in a way so that they can take steps to improve/modify (if required) their teaching process

**Practice-**

A committee was constituted to do an in-depth review of the teaching learning process and it arrived at the six broad dimensions of **Core Teaching, Pedagogy, Class Interaction, Conduct of CIE, Student Centric Teaching, Discipline & Values** and 3 to 4 questions in each dimension. A Likert scale of Strongly Disagree- Strongly Agree was employed for scaling the responses of the students. Different set of questionnaires were designed for Theory, Experiment based Practicals and Software Lab. The questionnaires are coded in PHP and administered through a specially dedicated server. The feedback sessions in the respective computer labs of the campuses were kept completely anonymous to elicit candid responses from the students.

Feedback is recorded at the end of every semester from the students about the teaching process of the semester. The responses received are automatically compiled through a computer programme and are made available to the faculty and the HoDs at the beginning of the next semester. The HoDs receive the feedback of the faculty members of the whole department and they counsel/advise wherever necessary after going through the reports of the individual faculty. Following are the set of questions for a theory subject:



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

**CONFIDENTIAL FEEDBACK ON TEACHING QUALITY**

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**The purpose of this feedback/assessment is to help improve the overall quality of teaching.**

\* *Kindly respond to the following questions in relation to the quality of teaching of this course.*

\* *Your **honest opinion** is solicited and your feedback will **not** have any influence on your grade.*

---

Indicate the response to the following questions on a scale of 1 to 6 where **1 is Strongly Disagree and 6 is Strongly Agree.**

**CORE TEACHING**

- 1 The course was covered effectively in an organized manner (includes uniform spacing of course lectures and assignments).
- 2 Lectures were communicated effectively (i.e. clarity of expression, reinforcement of key ideas).
- 3 Passion in teaching the subject was evident.

**PEDAGOGY**

- 4 Appropriate teaching aids (includes blackboard/slides/videos/demos), when necessary, were used effectively.
- 5 A variety of questioning techniques were employed to enhance learning.
- 6 A broad perspective of the subject was given to stimulate learning.

**CLASS INTERACTION**

- 7 Class participation/discussion was encouraged.
- 8 Accessibility for clarifying doubts/queries (inside and outside the class) was adequate.
- 9 Doubts/queries on the subject were answered convincingly.

**CONDUCT OF CIE**

- 10 Syllabus was taught comprehensively.
- 11 Learning was enhanced by the effective use of assignments and tests.
- 12 Grading of assignments/answer scripts was impartial.
- 13 Students were given timely feedback on their performance.

**STUDENT-CENTRIC TEACHING**

- 14 Classes kept the students interested and focused.
- 15 Students' point of view in class discussions was considered.
- 16 Openness to accept errors & omissions was shown.

**DISCIPLINE AND VALUES**

- 17 Discipline was maintained in class.
- 18 Values and the teachings of Bhagawan were seamlessly integrated into the teaching process.

**OVERALL RATING**

- 19 How would you rate the overall quality of teaching?



## SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

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### Teaching Quality Feedback

#### Questionnaire for Experiment based Practicals:

- P1: Effective theoretical guidance related to practicals was given.
- P2: Planning and execution of practicals were explained.
- P3: Appropriate methodology to carry out the practicals was explained.
- P4: Practical were supervised effectively.
- P5: Doubts and questions raised during the practicals were clarified effectively.
- P6: Helpful comments/suggestions were given on lab records for improvement.
- P7: Time given for practicals was adequate.
- P8: Equipment for practicals were in working condition.
- P9: Prescribed minimum number of practicals were completed and performed.
- P10: Evaluation of practicals was fair and impartial.
- P11: Any other suggestions and improvements. (Descriptive question with word limit of 50 words)



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

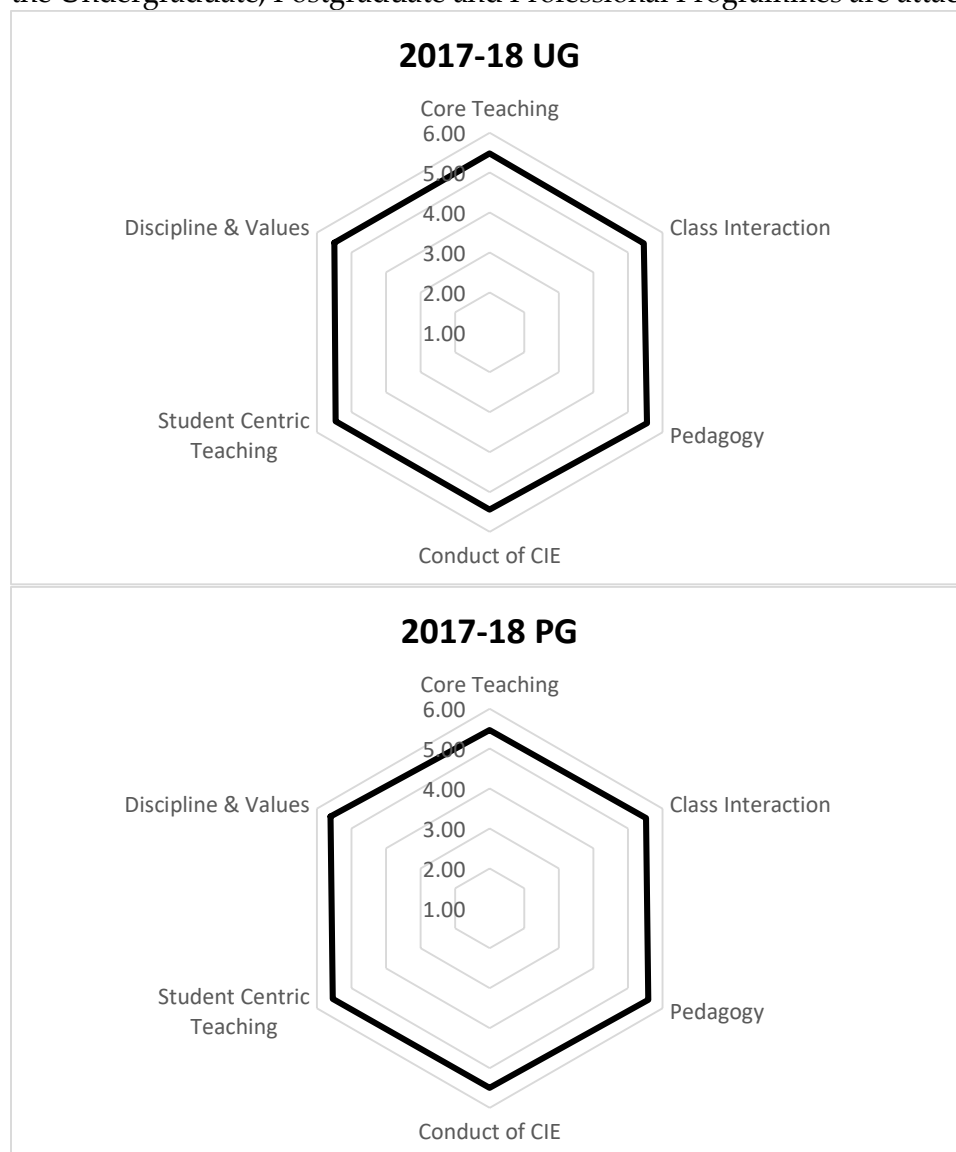
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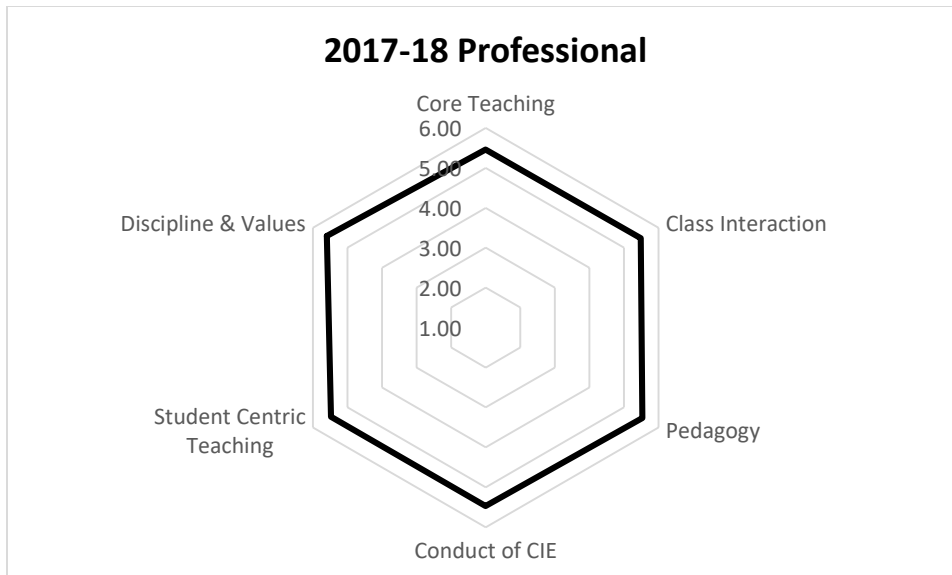
**Teaching Quality Feedback**

**Questionnaire for Software Laboratory:**

- P1: Effective theoretical foundation related to programming exercises was given.
- P2: Planning and execution of programming or mini-project related exercises were explained.
- P3: Appropriate methodology to implement the software solution was explained.
- P4: Software lab sessions were supervised effectively.
- P5: Doubts and questions raised during the programming sessions were clarified effectively.
- P6: Assignments were corrected on time.
- P7: Constructive comments/suggestions were given on assignment/ lab exercises.
- P8: Time given for exercises/assignments was adequate.
- P9: Computing equipment were in working condition and of capability needed to perform the tasks.
- P10: Any other suggestions and improvements. (Descriptive question with word limit of 50 words)

**Evidence of Success-** The feedback of students helps the teachers to ascertain the areas where improvement is needed (if any). This helps them in planning for the classes in a better way for the subsequent semester. The HoDs study the feedback reports of the individual faculty and use it as an effective tool to allocate subjects to the teachers in the subsequent semesters. The subjects where the feedback from the students is poor, the HoDs initiate corrective action. They also identify the strong areas of a faculty based on the feedback and give them subjects in those areas while deciding the workload in the following semesters. The feedback is also taken into consideration as one of the components in selecting the best teacher for Sai Krishna Best Teacher award from each campus once in two years. Radar chart of winter semester 2017-18-theory for the Undergraduate, Postgraduate and Professional Programmes are attached for reference.





**Problems Encountered and Resources Required-** Few issues were encountered regarding administering the feedback to the whole student community at the end of the semester through the campus intranet. This was initially addressed by dedicating the net connectivity only to the computer labs during feedback time. After the installation of dedicated lease lines from the individual campuses to the main campus this problem also has been addressed.

**Notes (Optional)**