

Sri Sathya Sai Institute of Higher
Learning

AQAR 2022-23



Metric 1.4.1 & 1.4.2

Analysis and Action Taken Report

Survey on Design and Review of Syllabus from

1. Faculty
2. Students
3. Alumni
4. Employers



Prof. (Ms) Rajni Bhandari
Head, Dept. of Chemistry

Department of Chemistry, SSSIHL

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-23

Analysis of feedback for: M.Sc. Chemistry

1) Alumni Feedback

Point 1

Give a semester time for the project or just remove all the experiments in the 1st year and keep only Project from first year. Let students get 1st hand exposure on all the instruments in CRIF instead of just demonstrating to them. Give them small works that include the usage of majority of instruments so that students know how to use all the instruments at the end of their degree program.

Action taken:

1. Giving one semester time for project would be too short, currently two semesters are allocated for project work, however giving more than one year is something we can take up in our faculty meeting.
2. There are many high end and expensive instruments in the CRIF. It would be difficult to give access to those instruments to students.
3. Generally in our department, the project is designed by keeping a problem in mind. All the available instruments might not be necessary to address the given problem. Based on the project, the student gets exposure to the instruments.

2) Employer Feedback

3) Student Feedback

- **Point 1:** There is nothing to suggest for strengthening the programme.

Action taken: It feels good to hear that faculty members of the Department of Chemistry designed a student centric curriculum.



- **Point2:** Industrial visits will give us broad spectrum of knowledge.

Action taken: Department of chemistry has conducted an Industrial and academic visit for two days In Vidya Herbs and IISc during August 2023.

- **Point3:** Percentage of syllabus coverage Since in our institute attending classes are mandatory and we are heavily dependent on the quality of classroom teaching. I appreciate the efforts of all teachers but it would be great if a few of them could plan lessons better and ensure better classroom delivery.

Action taken: This point has been discussed in one of the faculty meetings and taken very seriously. As delivering good quality content is the first priority in our department.

- **Point 4:** Use feedback to continuously improve the quality of the program.

Action taken: We are continuously collecting feedback from our students and implementing them to provide best to our students.

- **Point 5:** None

Action taken: It is very satisfying to see a student feedback where he wrote 'None' which means that he has high regard about the program.

- **Point 6:** nothing

Action taken: It is again very satisfying to see a student feedback where he wrote 'nothing' which means that he has high praise for the program.

- **Point 7:** motivate their ideas to achieve the goal

Action taken: All faculty members in the Department of Chemistry encourage students to bring in their ideas and they are always one step ahead to encourage their idea. It is gratifying that a student recognized that and wrote it in his comment. We are very appreciative about this nice gesture of our students.

4) **Faculty Feedback**

- **Point 1**

Job sectors covered and course wise employability

Action Taken: Curriculum does include many cutting-edge courses relevant to current technology and pharma industries. All faculties incorporate ICT tools to provide students best exposure so that they can find better job opportunities. The practical



courses equip the students with adequate skills that are required at their future workplaces.

- **Point 2**

the relevance of the courses to the local / regional / national / global developmental needs

Action Taken: The courses are designed by keeping the basic need of local, regional and global problems. Students are given research project to work on some of those needs.

- **Point 3**

how well the Course Outcomes (COs) have been mapped

Action Taken: All the courses are well mapped to deliver the course outcome.

- **Point 4**

whether the courses are: 1) Innovative 2) Research Oriented 3) Relevant

Action Taken: Most of the courses are designed to motivate students to pursue higher education in relevant field of studies.

- **Point 5**

Rate the curriculum in providing the students with Technical Skills

Action Taken: Students are given the opportunity to have hands-on experience in handling advanced equipment. They are also taught advanced computer languages.

- **Point 6**

Rate the curriculum in providing the students with the Communication Skills

Action Taken: At the master's level students are encouraged to present seminars in every course. It has been found that seminar sessions play an important role in their communication skills. UG students will also be encouraged to give at least one seminar per semester to nurture their communication skills. The students are also encouraged to take up value added courses (VAC) and skill development courses (SDC) catering to communication skills offered in the institute.

- **Point 7**

Rate the curriculum in providing the students with Teamwork

Action Taken: Students are asked to work in small teams during the lab sessions and observed closely. Most of the time our students show excellent teamwork skills. Adding to this, students are also encouraged to organize the department events like Ganesh Chaturthi puja, Aayudha puja, farewell for outgoing students, demos for



National Science day organized at SSSIHL, preparation for conferences organized by department for which students work in teams consisting of 3 to 5 members. All these activities which are within the curriculum help in developing teamwork.

- **Point 8**

Rate the curriculum in providing the students with Values & Integrity

Action Taken: Values and integrity are two of the strongest pillars in the educational system at Sri Sathya Sai Institute of Higher Learning and they are maintained with great respect. Many of the department teachers do consciously talk to students about imparting ethical values and integrity in every aspect of life, especially in professional life. The students have Awareness courses that help them to learn about the five human values in detail and consequently imbibe them.



Department of Chemistry, SSSIHL

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-23

Analysis of feedback for: B.Sc(Hons.) Chemistry program

II) BRINDAVAN CAMPUS:

1) ALUMNI FEEDBACK

1. It should: inculcate original thinking, incorporate leading-edge tech, focus on indigenous innovation, make students industry-ready

Action taken: The new four-year NEP program offers various specialization courses, electives and minor courses along with the discipline specific courses thus training the students in interdisciplinary areas which is the current trend. The program also offers SEC's, research project, internship and general electives which will make the student industry-ready and inculcate original thinking.

2. Practical knowledge in society

Action taken: Intensive lab courses and research project introduced in the four year B.S program to impart practical knowledge.

3. Since 1976 when I graduated, the institute has moved leaps and bounds, having facilities which we couldn't even dream of at the time. All Bhagawan's Grace ☐

2) STUDENT FEEDBACK

1. The Programme should allow to have specific topics only which is necessary as per your honours preference.
2. Honours from 1st year , so can university cover more topics which could be a criteria to apply abroad

Action taken: Under the new 4YUP as per NEP, students will apply for the major subject at the time



of admission. However, as per NEP guidelines, the students have to be exposed to multidisciplinary / interdisciplinary courses in the first year with a provision for change of major at the end of first year. Years 2 to 4 of the B.S program, students will pursue subjects in one major with some credits in an interdisciplinary subject of choice.

3. Research projects could be facilitated, Use of laptops in class hours may increase productivity
4. Everything just awesome but it can be more research oriented.
5. More hands on learning and experiential learning
6. Practical knowledge.
7. Lab projects and presentations required.
8. Practical skills/knowledge.
9. Can make the course more practical and research based

Action taken: Research projects are included as part of our current B.Sc (3-year program) as well as the 4YUP B.S. program.

Lab courses to complement the theory courses

III) ANANTAPUR CAMPUS:

1) Alumni feedback:

1. **It would be a great opportunity if internship could be added to the curriculum**

Action taken: It is included in the new four year UG program (NEP based)

2. **I would admit, the curriculum is very good, the exam pattern, syllabus, library and labs are top class but there are no job opportunities provided to the students from the institute which is**

making Sathya Sai students behind the race of the fast forwarding society! Also the whole curriculum only revolves around Swami and spirituality but not about the opportunities available after the completion of the course, also we don't have arithmetic and reasoning courses which are

very much needed to learn and the other institutions have it in their syllabus, so my point is our institute only teaches courses but do not train students for jobs, without that training the certificate is next to useless piece of paper! And I wish teachers make the students aware of the wide opportunities and exams related to their respective courses! Hope you read this and take action on this regard ☐ Jai Sai Ram

Action taken: Our value based integrated system of education caters to the spiritual growth along with intellectual growth of all the admitted students. Various theory and practical courses taught under the syllabus framed for the undergraduate students trains the students to compete efficiently in both



Industry and Academia.

This can clearly be seen from the number of undergraduate students clearing National level entrance examinations every academic year for their higher studies. The Department of Chemistry, Anantapur Campus also takes pride in mentioning that our students are invariably qualifying for an international MEXT scholarship to pursue their Master's program every academic year at JAIST, Japan since past several years. We also have many alumni pursuing their Master's program in various International Universities like University of York and so on.

3. The learning should be improved as per the outside competitive world.

Action taken: All the undergraduate students of the department are able to secure admissions for Master's Programs in various reputed Institutions like IIT, NIT, Central Universities in India as well as in international Institutions like JAIST, Japan, University of York, London which reflects that our students compete effectively with competitive world.

4. The department of Chemistry and Physics in the University could coordinate to have a specific department for materials and Polymer Science which is a rapidly emerging field.

Action taken: The new four year NEP course offers various specialization courses, electives and minor courses along with the discipline specific courses thus training the students in interdisciplinary areas which is the current trend.

Date: 21/02/2024

DEPARTMENT OF EDUCATION

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2023-24

Analysis of feedback for B.Ed. program

Analysis from Alumni Feedback

- More exposure ICT tools and applications includes AI, AR, and ML
- Introduction of technical courses
- Internship: Exposure of different kinds of schools (Government and private)
- Guests lectures & field trips for inclusive school/s
- Syllabus revision, detailed study on NEP 2020 and study of western philosophy
- Student's participation in workshops, seminars, national and international debates and discussions.
- Introduction of M.Ed. program
- **Action taken:**
- The syllabus has been recently updated, ensuring its relevance. The integration of AI into the Information and Communication Technology (ICT) course will be addressed through suggested practicum activities. Regarding technical courses, students now have the option for online credit transfer, enabling them to select technical courses from Swayam. The analysis of the National Education Policy (NEP) is incorporated into two courses, while an in-depth exploration of Western philosophy is recommended at the M.Ed. level rather than at the B.Ed. level.
- Starting from the upcoming academic year, there will be a 10-week internship program planned within the students' localities. This initiative aims to provide students with greater exposure to the syllabus of their respective state government boards and allows them to participate in the co-curricular activities of schools as interns. This proposal has received approval in the recent Academic Council Meeting (ACM) and will be implemented starting from the 24-25 batch.
- Due to low enrolment, the M.Ed. program has been discontinued.
- Permission has been obtained from a nearby inclusive school for the visit. Regarding participation in workshops and seminars, the feedback has been noted, and efforts will be made to accommodate this suggestion starting from the next academic year.

Analysis from Employer Feedback

- Training in diverse assessment techniques and strategies, familiarization with more educational apps, online resources, and digital tools, offer training on working with students with special needs.
- **Action taken:** In the next revision, attention will be given to incorporating assessment techniques and strategies. The ICT course is updated to include current online resources and digital tools. As per NCTE norms, within the General B.Ed.

program, 'Creating an Inclusive School' is a mandatory 2-credit paper for all students, aiming to provide a foundational understanding of various disabilities.

Analysis from Student Feedback

- ICT: More of technical skills should be developed, Inclusion of artificial intelligence related courses
- Internship: Visiting and teaching in Government schools can be included. Exposure to Visiting different types of schools and guest lecturers, Visit to different schools, Practice teaching can be done in outside school
- If time duration of the class is reduced, then we can able to adjust with the schedule and if they give internet service for B.Ed. till 6pm then we can improve our teaching quality. guest lectures and technology integrated teaching
- Field visits related and relevant to contexts.
- **Action taken:**
- With regard to Internship and providing exposure to different types of schools, from next academic year 10 weeks of Internship is planned in their locality to get more exposure to respective state government board syllabus and facilitates to student to participate in co-curricular activities of the school as an Intern. This got approved in the recent ACM and implemented from batch 24- 25 batch.
- The duration of classes and college hours adhere to institute policy and are standardized in accordance with UGC norms. Recently, Wi-Fi access has been made available throughout the entire campus, and the computer lab facilities have been extended to students beyond regular college hours.
- The point has been duly noted, and efforts will be made to incorporate field visits and guest lectures starting from the next academic year onwards.

Analysis from Faculty Feedback

- ICT and Technology constantly keeps changing, so syllabus revision is needed time to time to keep students abreast with the latest advancements
- **Action taken:** This course has been recently revised with over 50% modifications, ensuring that all units and suggested practicum's align with the updated content.

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Dr. (Mrs.) M Srijaya
Head, Dept. of Food & Nutritional Sciences

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

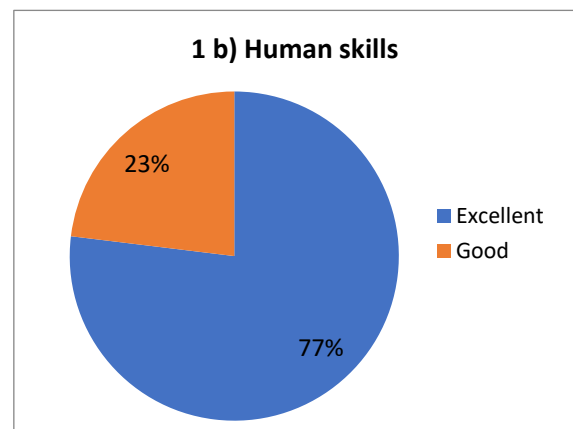
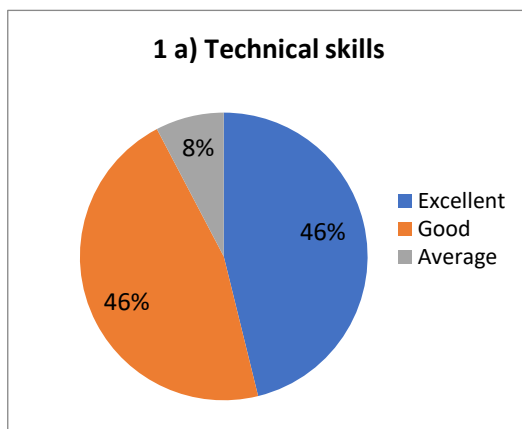
Academic Year: 2022-2023

Analysis of feedback for: BSc and MSc in FNS Program

I Analysis and Action Taken Report on Alumni Feedback

Feedback analysis:

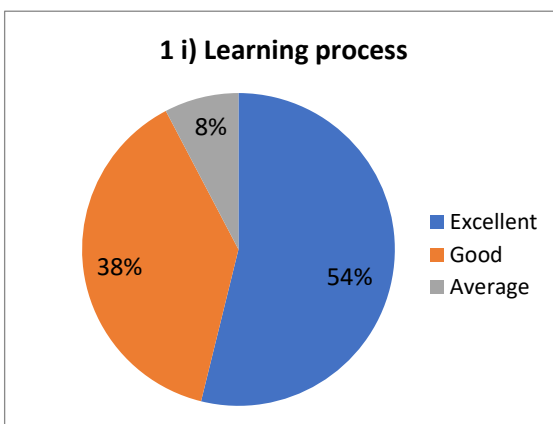
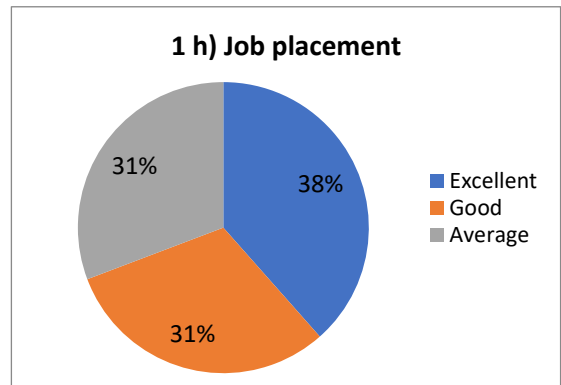
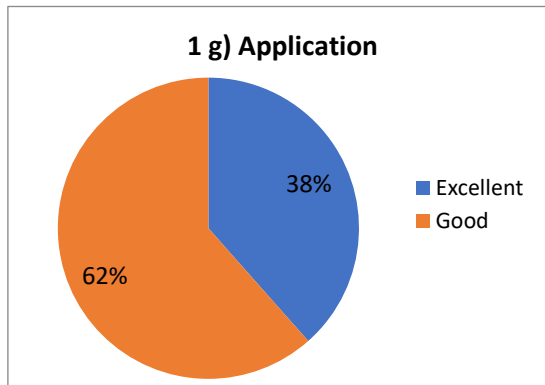
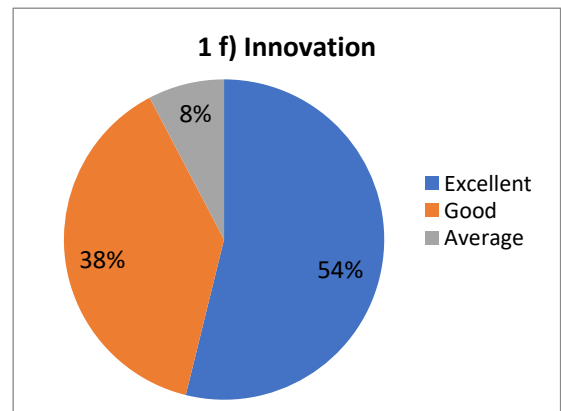
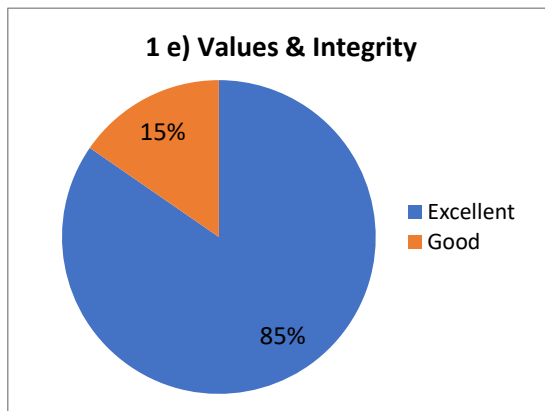
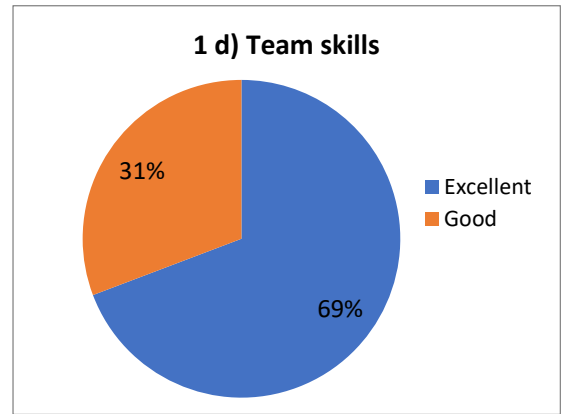
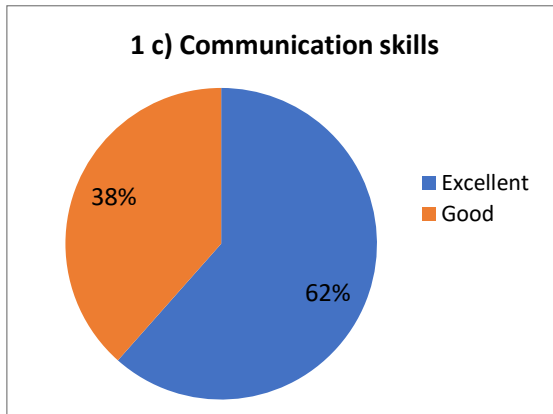
1. The alumni mentioned that the curriculum is well designed, competitive and in par with other institutions. A special mention was made wrt to the lab facility provided at the institute. The alumni recognize the facilities to be praiseworthy and admirable.
2. Figures 1 a) to i) presents the alumni feedback on design and review of syllabus. Majority of the alumni were satisfied with all the curriculum aspects. The alumni rated values and integrity as highest (around 85%) among the skills inculcated at SSSSIHL followed by Team skills, human skills and communication skills.
3. Out of 92% alumni, very few (8%) are expecting more exposure in terms of gaining technical skills, innovation and learning process.
4. Majority of the alumni were satisfied with the application component of the curriculum and a 31 % are not completely satisfied with job coverage aspects.





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Figures 1 a) to i): Alumni feedback on design and review of syllabus



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Response & action taken on the feedback:

Point 1: More internship/trainings and projects

Key feedback points:

1. Allow students for projects and trainings outside the institute for better career prospects and exposure.
2. Provisions for internship opportunities.

Actions taken:

1. According to NEP 2020, internships are a compulsory component of the curriculum. It has been implemented AY 23-24 onwards and students are required to complete 2 months summer internship programs.
2. The students are encouraged to go for as many internships (both online and offline) possible during semester breaks. Department puts in a lot of effort to find suitable internship opportunities for the students and apply for it. Also provides support with recommendation letters (if required). As a result, students of I, II & III UG and I & II PG collectively completed 44 internships in the summer of 2022-2023.

Point 2: Campus placement provision

Key feedback points:

1. Campus placements
2. Online platform for placements to get real time exposure
3. Soft skill training for job interviews

Actions taken:

1. The department regularly organizes career guidance counselling sessions for the under graduate and post graduate students where alumni, academia and industrial experts share their insights and expertise with the students enabling them to acquire awareness to get good job placements in different domains.
2. Additionally, the department alumni WhatsApp group is being maintained and updated regularly. This enables the passed out students to easily get connected to alumni in different areas of nutrition and food technology and find appropriate career opportunities.
3. Senior alumni of the Department have been contributing towards imparting soft skills to the present students and thereby preparing them for job placements.



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Point 3: Conduction of webinars and workshops

Key feedback points:

1. Conduct more webinars & workshops.

Actions taken:

1. At Department level, initiatives are being taken to invite experts in various domains and conduct webinars/workshops/interactions once in every semester.
2. Participation in online workshops and training are encouraged and supported. Adjustments for classes are done to accommodate online events.

II Analysis and Action Taken Report on Employer Feedback

Feedback received from the employers of different domains (Industry, Start- Up & Hospital) was analyzed. It is evident from the data that majority of the employers are satisfied with the performance of students.

Key feedback points & Feedback analysis:

1. The employers are satisfied with all the aspects of students' performance in their organization and willing to absorb more students from SSSIHL in future because of their honesty, good moral values, dedication, adaptive nature, determination and sincerity at the workplace.
2. The employers (100%) opined that SSSIHL'S students are effective in communication skills and human skills.
3. With respect to the adaptability and interpersonal skills of the graduates from SSSIHL, 67% and 33% of employers appraised them as excellent and good respectively.
4. A few raised concerns were student's exposure to latest or upcoming technology and clinical trials with patients.

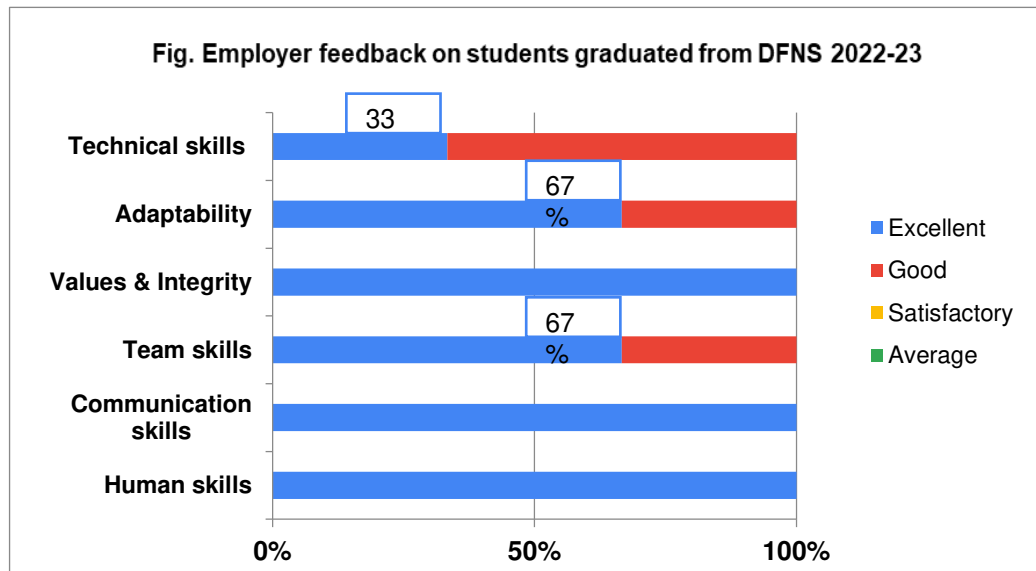
Response & action taken on the feedback:

1. Based on the recommendations and suggestions of the employers, efforts have been taken towards ensuring that all the students undertake summer internships and upgrade their knowledge wrt application of recent technologies in food industries. Also the respective subject teachers make efforts to discuss advanced technologies to the related topics.
2. The current post-graduate curriculum offers theory and practicum in Clinical Nutrition and Dietetics and Advances in Human Nutrition where students get hands-on-training on aspects related to good laboratory practices in a clinical lab setup which helps students to gain awareness and understanding of dealing/working with patients in a hospital set-up.
3. Required assistance and counseling were provided by the faculty along with alumni (online through departmental colloquiums & offline) for career guidance.



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III Analysis and Action Taken Report on Teachers Feedback

Feedback analysis:

1. The teachers reported that the present curriculum is enabling innovation, solution for food security, research orientation and has relevance to employability, skill development and reflects majorly on current trends and practices in the respective areas. It also provides all the necessary skills which enhance student's overall development for career.
2. Majority of the teachers stated that courses are being mapped and adequately designed to meet the skill enhancement and employability requirements.

Response & action taken on the feedback:

1. To fulfill the above mentioned requirements, all the faculty members are being encouraged to attend FDPs, training programs, workshops in OBE, using AI tools, e-content generation, and in various domains of the syllabus.

IV Analysis and Action Taken Report on Student Feedback

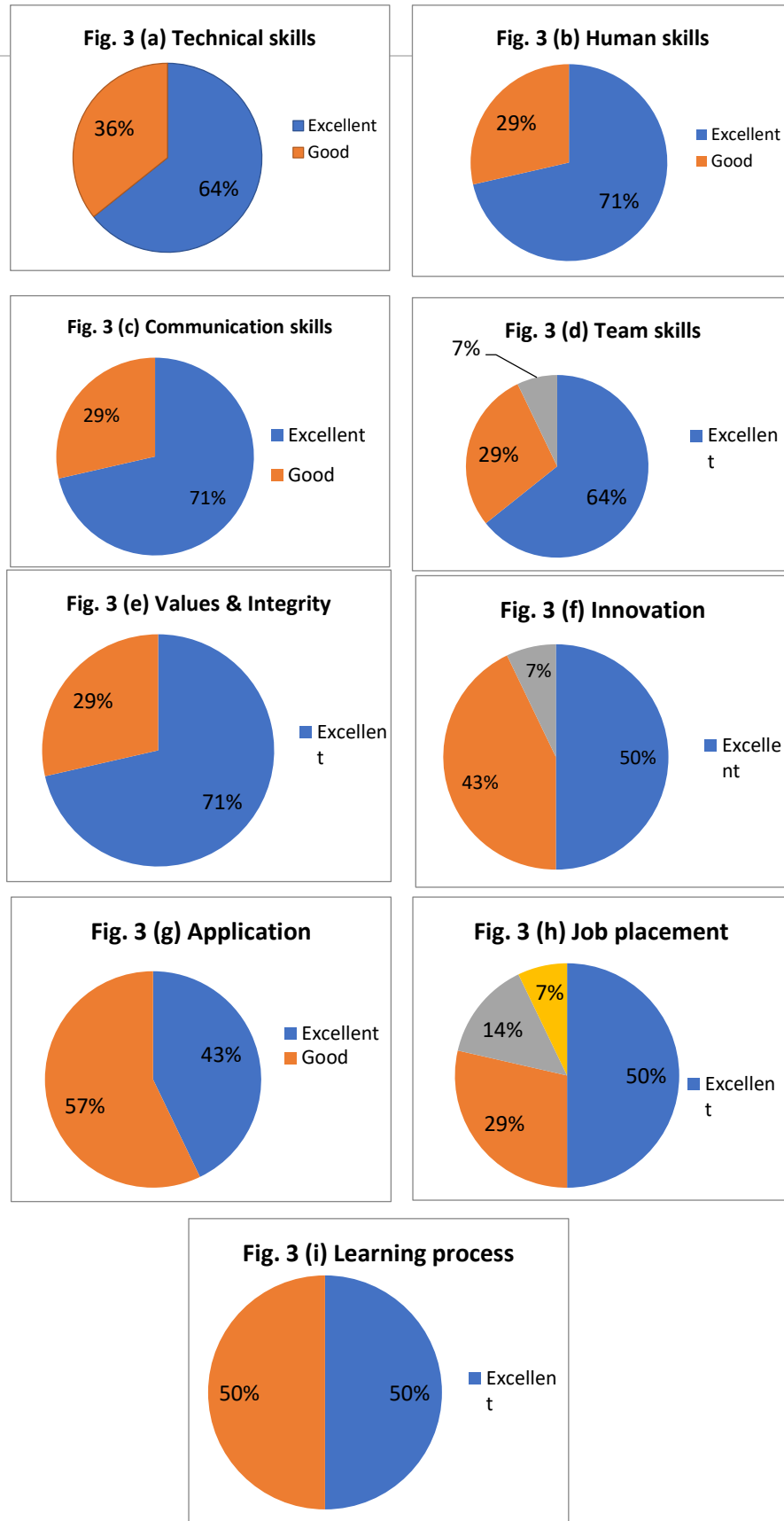
Feedback analysis:

1. Figures 3 a) to i) presents the student feedback on design and review of syllabus. Majority of the students were satisfied with all the curriculum aspects. The students rated values and integrity and, human skills and communication skills as highest among the skills inculcated at SSSSIHL followed by technical & team skills.
2. Around 50 % students rated good for curriculum design in terms of innovation and job placements and application aspect of the syllabus. However, a few students (7%) are not completely satisfied with job coverage aspects of curriculum.



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Figures 3 a) to i): Student feedback on design and review of syllabus



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Response & action taken on the feedback:

Point 2: Technical skill enhancement

Key feedback point:

1. Technical improvements

Actions taken:

1. Technical skills are enhanced through practical. Every theory course at under graduate and post-graduate level has a practical course which empowers the students with required exposure and technical skills (example: food analysis, food microbiology, computer applications in research, research methodology, etc).The BSc & MSc FNS syllabus design & course content that would build the opportunities in terms of entrepreneurial attitude, skill development and employability.

Point 2: More electives to be offered for the PG program

Key feedback point:

1. Including more electives that are of need in the current scenario

Actions taken:

1. The current curriculum offers two specializations in Food and Nutritional Sciences A) Applied Nutrition and B) Food Technology with interdisciplinary electives which cater to varied dimensions such as public health & nutrition, entrepreneurship, food industries etc.

Point 3: Internship and career guidance counselling should be given regarding the placements.

Key feedback points:

1. Internship and guidance regarding the placements can be provided.
2. Placement options should be given, internship opportunities should be given during either of one semester.
3. During the course internship can be given having project work as an option, more exposure to industries and hospitals to get practical knowledge. Placement option should include with latest posts.
4. Internship as a part of the program during study, Project work should be held only for one semester, papers should not be included during the semester which has project work, placement options should be given.

Actions taken:

1. According to NEP 2020, internships are a compulsory component of the curriculum. It has been implemented AY 23-24 onwards and students are required to complete 2 months summer internship programs.



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2. The students are encouraged to go for as many internships (both online and offline) possible during semester breaks. Department puts in a lot of effort to find suitable internship opportunities for the students and apply for it. Also provides support with recommendation letters (if required). As a result, students of I, II & III UG and I & II PG collectively completed 44 internships in the summer of 2022-2023.
3. The department regularly organizes career guidance counselling sessions for the under graduate and post graduate students where alumni, academia and industrial experts share their insights and expertise with the students enabling them to acquire awareness to get good job placements in different domains.

M. Srijaya

Seal and Signature of HoD

Dr. M. Srijaya
HEAD

Dept. of Food & Nutritional Sciences
Sri Sathya Sai Institute of Higher Learning
ANANTHAPURAMU.



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Dr. G Raghavender Raju
Head, Dept. of Economics

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-2023

Analysis of feedback for: (B.A. Economics)

Analysis from Alumni Feedback

Should provide more knowledge on market trends, what is the current market like and prepare the students to handle any technical challenges and how to best use values taught at the institute.

Change the syllabus according to present day requirement

More into Technicalities

Need to implement honors course in BA at Anantapur campus

Corrections and marking scheme needs to be improved..

Innovation with technology is needed.

There should be access to YouTube, Google because it will be hard to compete with outer world. syllabus in sssihl is excellent no doubt.

1. Include more industry relevant topics.

2. Give more hands-on learning and experience.

3. Permit students to attend other courses so they develop their knowledge in many sectors.(Interdisciplinary courses)

4. Involve students in day to day operations so they understand the nitty gritty of operational issues.

Good

Syllabus of the whole History subject needs revision according to the current date requirements

Rest all aspects are very perfect in their own ways.

Exposure to better Computer facilities,

More time for self-study

1. Participation in Symposiums

2. Emphasis on latest developments

3. Team Paper presentation

Use of Smart Boards

Field tours are needed in economics and history

Young teachers will be Beneficial

Honors degree in BA

Need to give special focus in the subjects like math, physics and chemistry (IIT level) in intermediate.

Children should be provided with more exposure to the upcoming jobs that involves AI.

There are things that seem very new to us once we come out of the university, that should be kept it Monday.



-
- (1) Being updated as per industry standards
 - (2) More application oriented than mere concepts
 - (3) Greater role of students in curriculum design

Positive attitude

Good Listener

Brother hood

Self Confidence

Human Values

In nutshell Education for life not for living

1) internship opportunities based on the expertise of the subject

2) Quant courses for BA graduate.

Did not see any improvement

More emphasis on getting good job

More courses should be introduced

Courses on diverse subjects as per the requirements of the changing employment scenario.

There are many subjects for study in outside colleges. If more such subjects are introduced it will be helpful for girls graduating to be at par with others in knowledge on those lines.

Honours subject should be introduced in B.A course

-revising the syllabus

-ba political science (hons

From our times we have come a long way. Continue keeping up with time making the necessary changes required. Let us always remember NEVER to stray away from the path Bhagwan has paved for us. Jai Sai Ram.

1. Clear Language-Use simple and straightforward language in the syllabus for easy understanding.

2. Bullet Points-Present information in bullet points to enhance readability.

3. Consistent Formatting- Maintain a consistent format throughout the syllabus for a cohesive look.

4. Visuals-Incorporate simple visuals like tables or charts to illustrate key points.

5. Checklist- Include a checklist for students to track their progress in the course.

Action taken:

Introduction of Internship

Allowing YouTube access on need based

Introduction of B.A. (Hons.) at the Anathapur Campus

Industrial visit is to be implemented

Making use of departmental colloquium sessions for discussion of current trends.

Introduction of skill enhancement courses for skilling and upskilling the students.

Conducting the value added courses (VACs) on predictive analytics



Introduction of Multidisciplinary courses (MDCs)

Analysis from Student Feedback

value based education

fun way to learn about the subject

Discipline, punctuality, time management,
the syllabus is updated.

logical reasoning and problem solving skills

problem solving skills and time management

The programme that I have opted for let's me strive for government job opportunities. It also helps me with my communication skills.

The course helps to acknowledge the importance of humanities in everyday life

encouragement and motivation of teachers

i have gained spiritual knowledge which is the most important aspect of life. we learnt the theory part the most.

It gives in-depth learning of the subjects

Adaptive Learning

helps in staying updated about the world, helps understand ones environment better

it is helping us in knowing the current economic affairs.

Team work and Human skill

practical learning process

Practical learning

good

on par with the current stuff

practical application

the course can become an Hons programme, with an in depth study. More faculty for all subjects for diversity in the subject and more application based teaching.

technical and application courses

The programme should be more technology based.

internships, workshops, guest lectures, counselling for higher studies, basic technical knowledge, Gmail assess for applying to other colleges for further education, latest edition of books in library

application of the theory is not at all taught. there is no practical knowledge and up to date information. we really suggest have more internships seminars and practical teaching in the course.

Access to email, guest lectures, practical teaching like field visits, workshops and teaching staff

provision of internships

classes can be made more interesting and interactive

strong history faculty , and laptop access

More faculty, history department is very weak, more resources should be provided



we should be given opportunity to go on field trips for practical knowledge.
we should have more seminars and paper presentation for our upliftment .
There should be seminar for each subject monthly and exposure in field trips
Exertion and exposure to more of innovative and new learning system
technical skills

Action Taken:

Starting B.A. (Hons.) in Ananthapur Campus as well.

Recruiting a permanent faculty for History at Ananthapur Campus before we commence next semester.

Industrial visits have started

Regular Upskilling activities

Started Internships.

Change in Internet policy of giving access to Gmail and YouTube.

Interaction with the external experts during the departmental colloquium sessions.

Signature of the HoD

Date: 18th March 2024

**Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review
of Syllabus**

Academic Year: 2022-2023

Analysis of feedback for: (B.Sc. Economics)



Analysis from Alumni Feedback

Add more students

In the present day world, people misunderstand the word free. They think whenever it is free it is cheap quality. But in this Divine university the word free is different. The word stands for unity, purity & Divinity.

All efforts using social media to remove the bad feeling in the society.

- 1) As a part of the curriculum include internship at research labs/industry
- 2) Include credits for innovation, invention and patents on topics related to problem solving in the society
- 3) Mandatory publishing of a research article

I would want more market related/on demand courses apart from conferences and seminars. This would surely equip the students with good communication skills and prepare them for the job/situations they are going to face.

Inclusion of programming

Make students do more empirical exercises using econometrics.

Teach at least one computer or statistical programming language (eg Python or even STATA).

Include student presentation or term paper submission in the evaluation of at least some courses.

Data visualisation techniques will be very helpful in grasping concepts. Please incorporate them in at least a few courses.

Incorporate contemporary pedagogy in economics (e.g. online textbooks like CORE-ECON.ORG)

Fulfill faculty requirements.

Action taken:

Introduction of Internship

institution's Innovation Council is taking proactive role in dealing with innovation, invention and patents, planning to offer these as VAC courses also.

Research Project in 7th and 8th Semester will take care of mandatory publishing of a research article. This will also help them to apply modern time series econometric techniques.

During departmental colloquium sessions, the students get chance to make presentations on current topics and there by improve communication skills. Also Seminar presentations help the students.

For MES students introducing programming courses from their first semester itself as SECs.

The 4year UG program takes care most of these suggestions.



Signature of the HoD

Date: 18th March 2024

**Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review
of Syllabus**

Academic Year: 2022-2023

Analysis of feedback for: (M.A. Economics)



Analysis from Alumni Feedback

Industry orientation, internships and exposure

1. Guest lectures and industry interactions
2. Revision of curriculum to adapt to the current times.
3. More electives
4. Tracks in programme; research, analytics, competitive exams, consulting etc.
5. Connecting curriculum and syllabus to updated case studies, articles from the Harvard Business Review, Economist, Wall Street Journal etc.

Mathematical Rigor

Application of Statistical Softwares

More Electives

Research-oriented teaching and courses

(1) Along with quantitative techniques in research which is already being imparted, qualitative techniques could also be included in the curriculum, may be through small projects in the nearby localities or within the Institute.

This may include preparation of questionnaires, preparation of qualitative data for analysis, analysis of qualitative data and interpreting the results.

(2) Students should also be encouraged to take up internships in institutes such NABARD, NSSO, IRDA etc., during their vacations, which would widen their horizons in academic learning and also give them an exposure to working in alternative environments.

More collaboration with other Institutions

Workshops and Conferences

Action taken:

Introduction of Internship

Industrial Visits

Syllabus get updated once in three years based on the feedback from the industry, visiting faculty, alumni.

More finance electives are offered

Wherever possible We have introduced case studies, but can further be done.

Qualitative research has already begun, at the current I M.A. Economics good number of students have chosen topics based on unit level data for their dissertation work.

Made it mandatory to conduct at least one workshop / conference in an academic year.

Collaborations with other institutions has just begun, long way to go.



Signature of the HoD

Date: 18th March 2024

Analysis from Employer Feedback (Across Programs)

On an average SSSIHL students are determined, dedicated and disciplined. They put team ahead of them and strive hard to attain excellence. Most importantly they have humility and eagerness to learn.

Hardworking and sincere



Communication, Adaptability, Ethics and Values

Getting exposure to current global updates of the industry. Learning latest soft and software skills required for the job. Confidence while presenting self in an interview.

Technical skills especially econometrics

Technical skills

Action taken:

Opportunity for students to get updated on the current themes during a session called “Arthashastra Podium” where students dwell upon current issues of the economy

Departmental Colloquium session provides opportunity to interact with outside experts.

Upskilling is happening through the Value Added Courses – Eg. Predictive Analytics.

Alumni are helping the students in Resume making and preparation for interviews.

Analysis from Faculty Feedback (Across Programs)

Briefly describe the areas which need attention, course wise

Agricultural and Industrial Economy of India- Research orientation required,

Indian Economics-Research orientation required, field visits can be included

Microeconomics: This can be aligned with the UGC NET syllabus

Financial Markets and Institutions: Topics relevant in the corporate sector in recent times can be included

Action taken:

In the next syllabus revision, we will take into account of reducing the theoretical part in the Agricultural and Industrial Economy of India course and bring in scope of research orientations. Field visit (Industrial visit) have already started for the students. We would like to strengthen the Financial Markets and Institutions course with much more exposure to the finance theory. We also have corporate finance as an elective in M.A. Economics Program.

Signature of the HoD

Date: 18th March 2024



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. Maitali Khanna
Head, Dept. of Languages & Literature

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus – BA Programme Academic Year: 2022-23

Analysis from Alumni Feedback

	Technical Skills	Human Skills	Communication Skills	Team Skills	Values & Integrity	Innovation	Application	Upto date with job market & Industry	Learning Process
Excellent	11	24	21	23	26	15	16	12	22
Good	12	2	6	3	1	12	10	11	5
Average	4	1	-	1	-	-	1	-	-
Poor	-	-	-	-	-	-	-	-	-
Very Poor	-	-	-	-	-	-	-	-	-

Comments Analysed and Action Taken

S.No	Feedback	Action Taken
1	Syllabus & Curriculum: <ol style="list-style-type: none"> More courses should be introduced ,especially current topics of interest curriculum needs to be career-oriented Students need to be trained in social interaction Women students need to be taught self-protection skills. The honours subject should be introduced in B.A course Field visits could be included I am sure having a specialization in Language or literature in MA will do good Cross-discipline subjects could be included. Eg literature and music. 	<ol style="list-style-type: none"> Courses in tandem with current trends introduced in BA FYUP-MA curriculum POs for the revised BA-MA program reflect career-oriented skills imparted through the curriculum Communication and soft skills taught in General English courses Subjects like cyber security introduced in revised syllabus BA (hons) & (hons. With research) introduced from 2023 Internships included in NEP curriculum 4th year BA hon. Offers specialisation extending to MA in specialised areas Interdisciplinary Studies introduced as an elective in FYUP
2	Teaching: <ol style="list-style-type: none"> Clear Language-Use simple and straightforward language in the syllabus for easy understanding. Bullet Points-Present information in bullet points to enhance readability. 	The presentation and the designing of syllabus documents incorporates all the mentioned points.



	<ol style="list-style-type: none"> 3. Consistent Formatting- Maintain a consistent format throughout the syllabus for a cohesive look. 4. Visuals-Incorporate simple visuals like tables or charts to illustrate key points 5. Checklist- Include a checklist for students to track their progress in the course. 	
3	<p>General</p> <ol style="list-style-type: none"> 1. The department has been great always. The dedication and effort with which we were taught are unforgettable. 2. Faculty members have been extraordinary. Their lessons of life along with literature and language have moulded us to who we are today. 3. The university is doing excellent to enhance and encourage the students to explore their skills and talents in their respective fields <p>Suggestion: Please include education related to human relationships, especially for girls. They face multiple challenges after mingling in society, Marriage-related issues, expectations, how to face challenges and mental health issues. This is equally relevant to educate boys to respect women. Open discussion on sex education is important as in our society this is considered private. But creating awareness related to physical relationships and how this affects marriage leading to divorce. I was unaware of any of these and faced a lot of challenges to understand. If this was included in the curriculum, it would help in making life decisions. Thank you for this opportunity</p>	Papers like Women’s Writings and Gender Studies, introduced into the revised BA-MA curriculum address all the issues mentioned.

Analysis from Employer Feedback

	Technical Skills	Human Skills	Communication Skills	Team Skills	Values & Integrity	Adapt ability	Application
Excellent	2	3	3	3	3	3	4
Good	1	-	-	-	-	-	-
Average	-	-	-	-	-	-	-
Poor	-	-	-	-	-	-	-
Very Poor	-	-	-	-	-	-	-



Comments Analysed and Action Taken

- Employers appreciate their employees from SSSIHL for their qualities of adaptability, honesty, balanced and composed attitude and dependability.
- Employers feel that SSSIHL students need more exposure to the world outside, e-communication and technology

Action Taken:

- a) Courses like digital fluency have been introduced in the curriculum, and also students' exposure to UMS and access to internet will definitely help them get more fluent with technology.
- b) Students exposure to attending conferences in the other Universities, to the guest speakers from the other universities, internships, project works will help them get good exposure to the world outside.

Analysis from Student Feedback

	Technical Skills	Human Skills	Communication Skills	Team Skills	Values & Integrity	Innovation	Application	Upto date with job market & Industry	Learning Process
Excellent	3	7	7	4	13	1	3	-	6
Good	4	7	6	9	3	8	5	4	7
Average	5	2	4	2	1	6	3	6	4
Poor	3	1	-	2	-	1	2	1	-
Very Poor	2	-	-	-	-	1	3	6	-

Comments Analysed and Action Taken:

Feedback	Action Taken
Syllabus & Curriculum: <ol style="list-style-type: none"> 1. the course can become a Hons programme, with an in-depth study. 2. More faculty for all subjects for diversity in the subject and more application-based teaching. 3. The programme should be more technology-based. 4. If possible, there must be a division between Language and Literature studies. 	<ol style="list-style-type: none"> 1. BA (hons.)/(hons with research) in line with NEP introduced from 2023 batch 2. Need for faculty submitted as the specialisations diversify in the 4th year of BA programme 3. Introduction of technology based teaching methods as a part of the curriculum 4. The 4th year BA English programme offers specialisation with an integrated one-year MA in the either the language papers or literature papers.
Teaching: <ol style="list-style-type: none"> 1. application of the theory is not at all taught. there is no practical knowledge and up-to-date information. 	<ol style="list-style-type: none"> 1. Curriculum updated with the practicum introduced along with theory



Internships & Seminars:

1. we suggest having more internship seminars and practical teaching in the course.
2. we should be given opportunity to go on field trips for practical knowledge.
3. we should have more seminars and paper presentation for our upliftment
4. internships, workshops, guest lectures, counselling for higher studies, basic technical knowledge, Gmail access for applying to other colleges for further education, the latest edition of books in the library

All that is suggested has been introduced in the curriculum of BA FYUP.

Analysis from Faculty Feedback

Employability / entrepreneurial skills imparted, course wise:

- English Language Skills: Trained in Language Skills for employability, e.g. written composition, creative writing, transposition, Report writing, group discussion, seminar presentations, role play, public speech, reading comprehension - Study Skills, Critical Skills, LSRW Skills, Performance Skills, Creative Skills
- Structure of Modern English - Linguistics: Discourse analysis, Applied linguistics
- Editing -publishing industry, authorship, self publishing etc.
- PENG 401: Academics - teaching skills, research, un,
- UENG 201: Phonetics skills- Voice & Accent tutor, Linguist, Lexicographer, NLP practitioner, etc.
- UENG 502: Script writing, Web content writing, Ad Copy writing, Editing, Technical Writing etc.
- PPHD 104: Research communication skills- Journal article publishing industry, academia
- Written communication including report writing, letter writing, essay writing, interpretation of data, precis writing
- Aural/ oral communication including giving short speeches, group discussion etc.
- Analytical skills in interpretation of information
- PENG 304(A): Teaching of English as a Second Language (ELT)
- The practical assessment in every unit of the syllabus is Teaching Practice to undergraduate English language students. The course equips the students with all skills of an English language teacher. The students have published research papers in top journals and also presented papers at international conferences. This enables them to pursue further research in ELT.

Local / regional / national / global developmental needs:

- English Language Skills - III: global developmental needs
- Eco-Critical Studies: local, regional, national, global developmental needs.
- English Language Skills - IV: global developmental needs
- Interdisciplinary Studies: global developmental needs
- Structure of Modern English - Linguistics: global developmental needs
- Enhancement of communication skills, soft skills, people skills, presentation skills, technical skills, teamwork skills
- PENG 104: British English Advanced Grammar is globally useful for intelligible and comprehensible error-free communication
- PENG 401: Has both national & global relevance as a study of literature discussing decolonisation, neocolonisation, biocolonisation etc.



- UENG 201: National & global relevance in being able to speak, read & write & teach British standard English , useful for higher studies in the UK etc.
- UENG 502: Can write content for websites-local/ egional/ global... / Can create brochures & flyers for events at any level, Can script plays at any level, Can write ad copies for marketing industry nationally & globally
- PPHD 104: research communication intelligible to all stakeholders
- UGEN 301 - relevant to the needs of local, regional and national levels
- UAEN 101 - relevant to developmental needs

Innovative, Research Oriented, Relevant Courses:

- English Language Skills - III: Innovative
- Introduction to Literary Studies: Relevant
- Eco-Critical Studies: Research Oriented
- English Language Skills - IV: Innovative
- Interdisciplinary Studies: Research Oriented
- Structure of Modern English - Linguistics: Research Oriented
- Innovative, research oriented, and relevant
- PENG 104: Not innovative, but very relevant
- PENG 401: very topical, happening, research-oriented & relevant
- UENG 201: Meant for basic concepts of linguistics, relevant and necessary. HAS research scope
- UENG 502: Very practical; application of language skills in different spheres
- PPHD 104: relevant & necessary. Has research scope; but used as a requirement to pursue research
- UGEN 301 - relevant
- UAEN 101 - Innovative

Areas need attention, course wise:

- English Language Skills - III & English Language Skills - IV: Class strength
- Introduction to Literary Studies: The course is good
- Eco-Critical Studies: The course is good
- Interdisciplinary Studies: Theory is more
- Structure of Modern English - Linguistics: The course is good
- PENG 103 & 404 (A) - Syllabus; Rest - None
- PENG 104: Real world practical applications Vs. basic conceptual clarity
- PENG 401: Length of the syllabus vis-a-vis the time allocated.
- UENG 201: IT resources required and its upkeep and maintenance.
- UENG 502: More open access of the internet for exposure to pertinent areas
- PPHD 104: AI generated texts vs. human writings: the battle
- The courses have been revamped under the NEP structure and overhauled to address the issues we felt needed to be addressed
- Need for interdisciplinary learning with Education department, teaching in schools outside, ICSSR projects.
- The Syllabus was recently designed and it is done in a such manner that it meets the expectations current times

Action Taken: The revised syllabus has incorporated all the above suggestions

M. G. Nithi
23.02.2024



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. Maitali Khanna
Head, Dept. of Languages & Literature

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus – MA Programme Academic Year: 2022-23

Analysis from Alumni Feedback

	Technical Skills	Human Skills	Communication Skills	Team Skills	Values & Integrity	Innovation	Application	Upto date with job market & Industry	Learning Process
Excellent	3	8	8	9	4	4	4	4	6
Good	5	1	1	-	4	4	4	4	3
Average	2	1	1	1	1	2	2	2	1
Poor	-	-	-	-	-	-	-	-	-
Very Poor	-	-	-	-	-	-	-	-	-

Comments Analysis and Action Taken Report

S.No	Feedback	Action Taken
1	<p>Syllabus & Curriculum:</p> <ol style="list-style-type: none"> More courses should be introduced ,especially current topics of interest curriculum needs to be career-oriented Students need to be trained in social interaction Women students need to be taught self-protection skills. The honours subject should be introduced in B.A course Field visits could be included I am sure having a specialization in Language or literature in MA will do good Cross-discipline subjects could be included. Eg literature and music. 	<ol style="list-style-type: none"> Courses in tandem with current trends introduced in BA FYUP-MA curriculum POs for the revised BA-MA program reflect career-oriented skills imparted through the curriculum Communication and soft skills taught in General English courses Subjects like cyber security introduced in revised syllabus BA (hons) & (hons. With research) introduced from 2023 Internships included in NEP curriculum 4th year BA hon. Offers specialisation extending to MA in specialised areas Interdisciplinary Studies introduced as an elective in FYUP
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Comments Analysed and Action Taken Report

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Excellent	2	2	3	1	4	1	2	1	2
Good	2	1	1	1	1	2	1	1	3
Average	-	2	1	3	-	2	2	2	-
Poor	-	-	-	-	-	-	-	1	-
Very Poor	1	-	-	-	-	-	-	-	-

Analysis from Faculty Feedback

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Areas need attention, course wise:

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- Introduction to Literary Studies: The course is good
- Eco-Critical Studies: The course is good



- Interdisciplinary Studies: Theory is more
- Structure of Modern English - Linguistics: The course is good
- PENG 103 & 404 (A) - Syllabus; Rest - None
- PENG 104: Real world practical applications Vs. basic conceptual clarity
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- The courses have been revamped under the NEP structure and overhauled to address the issues we felt needed to be addressed
- Need for interdisciplinary learning with Education department, teaching in schools outside, ICSSR projects.
- The Syllabus was recently designed and it is done in a such manner that it meets the expectations current times

Action Taken: The revised syllabus has incorporated all the above suggestions

M. Jitendra

23.02.2024

Signature of the HoD



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. (Ms.) Y Lakshmi Naidu
Head, Dept. of Mathematics & Computer Science

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-2023

Analysis of feedback for : B.Sc. (Mathematics)

Analysis from Alumni Feedback

- Help students to get internship opportunities in summer along with summer course
- Reduce theoretical part in mathematics.
- Make the syllabus more application-oriented with increased focus on practical problems.
- Streamline the syllabus, reducing its vastness.
- Include more practical knowledge and applications of subjects.
- Introduce more elective courses, practical projects, and industry interactions.

Action Taken:

- A dedicated internship placement cell has been established to assist students in securing relevant and meaningful internships aligned with their academic interests and career goals.
- A range of elective courses has been introduced to provide students with opportunities to explore specialized areas of interest.

Analysis from Employer Feedback

- **NA**
- **Action taken:NA**

Analysis from Student Feedback

- Comprehensive syllabus covering important topics
- Supportive and dedicated faculty.
- Facilitate research projects and provide more hands-on learning opportunities.
- Allow the use of laptops and mobile devices during class hours for increased productivity.
- Provide more clarity on grading systems and examination patterns.
- Incorporate more advanced topics relevant to future pursuits and industry requirements.



- Update syllabus to include more computer science topics, AI/ML, and industry-relevant content.
- Provide more flexibility in course structure and teaching methods.
- Reduce redundancy in math topics and focus more on application-based learning.
- Enhance teaching methods with presentations and simplified explanations.

Action taken:

- Aligned the syllabus with the NEP's focus on holistic development, incorporating elements of values education, skill development.
- Hands-on learning experiences incorporated into the syllabus.

Analysis from Faculty Feedback

- Good

Action taken:

NA

Signature of the HoD

Date:21-2-2024



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. (Ms.) Y Lakshmi Naidu
Head, Dept. of Mathematics & Computer Science

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-2023

Analysis of feedback for : B.Sc. (CS)

Analysis from Alumni Feedback

(list a few key feedback points)

- **Good**

Action taken: NA

Analysis from Employer Feedback

- **NA**
- **Action taken:NA**

Analysis from Student Feedback

- Engage students in applying theoretical concepts practically, enhancing understanding and retention of course material.
- Utilize group discussions, case studies, and simulations to foster engagement and active participation, promoting deeper learning and knowledge retention.
- Accessible faculty members address student inquiries, provide guidance, and offer assistance, fostering a supportive academic environment.
- Some course content may not reflect current industry trends, leaving students unprepared for job market demands.
- Insufficient focus on developing communication, teamwork, and leadership skills, which are valued by employers.

Action taken:

- Few Papers are revised in order to meet industry requirements
- Lab components are added along with so as to apply theory into practice.

Analysis from Faculty Feedback



-
- While there's recognition of supportive faculty, there are also suggestions for enhancing expertise in certain areas and managing workload effectively.
 - There's a call for more innovative teaching methods to make learning engaging and effective, particularly in challenging subjects.

Action taken:

- Trying to incorporate Online teaching for few papers in order to compensate workload.

Y. K. Veni

Signature of the HoD

Date:21-2-2024



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. (Ms.) Y Lakshmi Naidu

Head, Dept. of Mathematics & Computer Science

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-2023

Analysis of feedback for :M.Sc. (Data Science and Computing)

Analysis from Alumni Feedback

- All Good

Action taken: NA

Analysis from Employer Feedback

- Good
- Action taken: NA

Analysis from Student Feedback

- Many students appreciate the program's alignment with current industry trends and the effort to update courses accordingly.
- Some students express a need for more exposure to industry practices through workshops, industrial visits, and practical experiences.
- Students emphasize the importance of internships and real-world projects for gaining practical experience and enhancing employability.
- Suggestions include balancing theoretical and practical components, particularly in subjects like statistics and Core Data Science Topics.

Action taken:

- Discussions are being conducted with few external organizations as well as Alumni to arrange Internships.
- Few Theory papers are converted into Lab papers.

Analysis from Faculty Feedback



- While there's recognition of supportive faculty, there are also suggestions for enhancing expertise in certain areas and managing workload effectively.
- There's a call for more innovative teaching methods to make learning engaging and effective, particularly in challenging subjects.
- Continuous Improvement: Encouragement for the institution to continually seek feedback and refine the program's effectiveness and relevance.

Action taken:

- Trying to incorporate Online teaching for few papers in order to compensate workload.

Y. Lakshmi

Signature of the HoD

Date:21-2-2024



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. (Ms.) Y Lakshmi Naidu

Head, Dept. of Mathematics & Computer Science

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-2023

Analysis of feedback for : M.Sc.(Mathematics)

Analysis from Alumni Feedback

- Curriculum design praised for innovation and industry alignment.
- Suggestions to increase industry collaboration and exposure to business and technology.
- Strong emphasis on practical applications and real-world experiences to enhance technical skills.
- The institute praised for nurturing human skills such as empathy, leadership, and teamwork.
- Appreciation for opportunities for community service and value-based education.
- Need for more industry exposure through internships, guest lectures, or industry visits.
- Suggestions include offering seminars or discussions on ethical dilemmas in professional settings.
- Curriculum design praised for innovation but recommendations include more industry collaboration and exposure to business and technology.
- Students appreciate the flexibility for competitive exams but suggest updating the syllabus for current industry trends.
- Recommendations include integrating internship programs tackling industry problems and emphasizing practical applications.

Action taken:

- 1)** Proposing internship for UG so that students could work in industry for a longer duration (about 6 months).
- 2)** Trying to bring in more industry experts. This year Mr. Dibyam (from ARM) and Mr. Naveen (from AMD) are collaborating with MTech and MSc students.
- 3)** Introduced tutorial component for every course.

Analysis from Employer Feedback

- Graduates are described as hardworking, loyal, trustworthy, diligent, respectful, self-driven, and adaptable.
- They take pride in their work and are open to feedback, showcasing a growth mindset.
- One graduate is specifically commended as a model tutor and is highly respected for their work ethic and attitude.



- While the majority of graduates excel in team skills, one graduate received a "Poor" rating in this area, suggesting a need for further development in teamwork and collaboration.
- There is a noted need for higher industry awareness among the graduates, indicating a gap between academic knowledge and industry requirements.

Action taken:

- 1) We will arrange more session to train them for team work related activities.

Analysis from Student Feedback

- Strong emphasis on staying updated with current market trends and relevance to industry needs.
- Practical knowledge and support from dedicated teachers.
- Encouragement of innovation, teamwork, and ethical values.
- Balanced mixture of theory and practical application, including labs and projects.
- Emphasis on technical skills, interpersonal skills, and communication skills.
- Opportunities for hands-on learning and application of concepts.
- Areas for Improvement:
- Communication skills were rated as average or poor by some respondents, suggesting room for improvement in this area within the course content.
- Some aspects of the curriculum or course content were deemed outdated, indicating a need for regular updates to ensure alignment with current industry standards and practices.

Action Taken:

- 1) Updated courses such as Web Programming.
- 2) We will look at changing the curriculum for improving the hands-on experience for students.

Analysis from Faculty Feedback

- Good.

Action Taken: NA

Signature of the HoD

Date:21-2-2024



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. (Ms.) Y Lakshmi Naidu

Head, Dept. of Mathematics & Computer Science

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022-2023

Analysis of feedback for : M.Tech(CS)

I. Analysis from Alumni Feedback

- Increase project and internship opportunities starting from the BSc level to focus on delivering impactful innovations or applications.
- Implement a digital notice board to facilitate interaction between alumni and current students, sharing articles, queries, and updates in fields like Robotics, DSP, AI, etc.
- Foster deeper collaboration with industries, including workshops, guest lectures, and industry visits to provide real-world experiences and insights.
- Introduce specializations in M.Tech, make internships mandatory, enhance industry connections, and emphasize practical coding and patenting.
- Overall, excellent feedback was received with suggestions focusing on incorporating more practical experiences, staying updated with industry trends, and strengthening ties with the industry for better student preparedness in the job market.

Action Taken:

- Proposing internship for UG so that students could work in industry for a longer duration (about 6 months).
- Trying to bring in more industry experts. This year Mr. Dibyam (from ARM) and Mr. Naveen (from AMD) are collaborating with MTech and MSc students.
- Every course has a practical component.

Analysis from Employer Feedback:

- Graduates are described as hardworking, loyal, trustworthy, diligent, respectful, self-driven, and adaptable.
- They take pride in their work and are open to feedback, showcasing a growth mindset.
- One graduate is specifically commended as a model tutor and is highly respected for their work ethic and attitude.
- While the majority of graduates excel in team skills, one graduate received a "Poor" rating in this area, suggesting a need for further development in teamwork and collaboration. There is a noted need for higher industry awareness among the graduates, indicating a gap between academic knowledge and industry requirements.

Action taken:

- We will arrange more session to train them for team work related activities.
- Problem solving session with group of two or three students are introduced to enhance group discussion and team work.



III. Analysis from Student Feedback

- Course content highly rated for technical skills; mostly rated as excellent or good.
- Excellent in fostering team skills, indicating effective support for collaborative learning.
- Good in fostering innovation, though suggestions for a stronger focus on industry-oriented projects.
- Generally positive ratings for alignment with job market trends, but suggestions for more industry-oriented projects and internships.
- Overall good ratings for practical application, with some suggestions for more industry-relevant projects to enhance effectiveness.

- **Action taken:**

- 1) While considering the positive feedback we will continue provide the best curriculum to students.

VI. Analysis from Faculty Feedback

- Mapping of COs to question papers is partially done, with some courses well mapped and others needing attention.
- Attention is needed in implementing Outcome-Based Education (OBE)
- Courses have strengths in technical and communication skills development, catering to industry and research needs.
- Overall: The curriculum provides a strong foundation in technical skills and prepares students for various sectors including IT, research, and academia. However, there's room for improvement in certain areas to align more closely with industry needs and to enhance practical experience
- **Action taken:**
 - Recognizing the importance of Outcome-Based Education (OBE) in enhancing the quality and relevance of our curriculum, ongoing OBE trainings have been initiated to equip faculty members with the necessary skills and knowledge to effectively implement OBE principles in their teaching practices.
 - Based on the insights gathered from stakeholder consultations, courses like Computer Architecture, Web Programming have been revised to incorporate the latest industry practices, emerging technologies, and practical applications.

Signature of the HoD

Date:21-2-2024



Dr. K Sayee Manohar

Head, Dept. of Management & Commerce

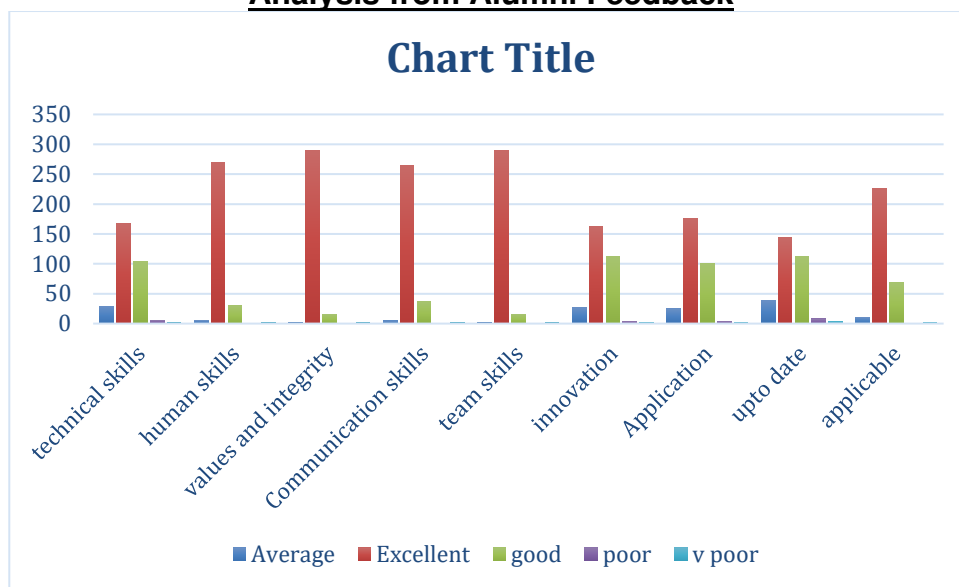
Department of Management and Commerce

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus (ATP)

Academic Year: 23-24

Analysis of feedback for : B.COM (H) and M.B.A

Analysis from Alumni Feedback



- Majority students rated skills delivered by courses as good or excellent
- Number of Excellent in Innovation, Application and updated syllabus with market was significantly low
- Best skills delivered were values and integrity and team skills

Action taken:

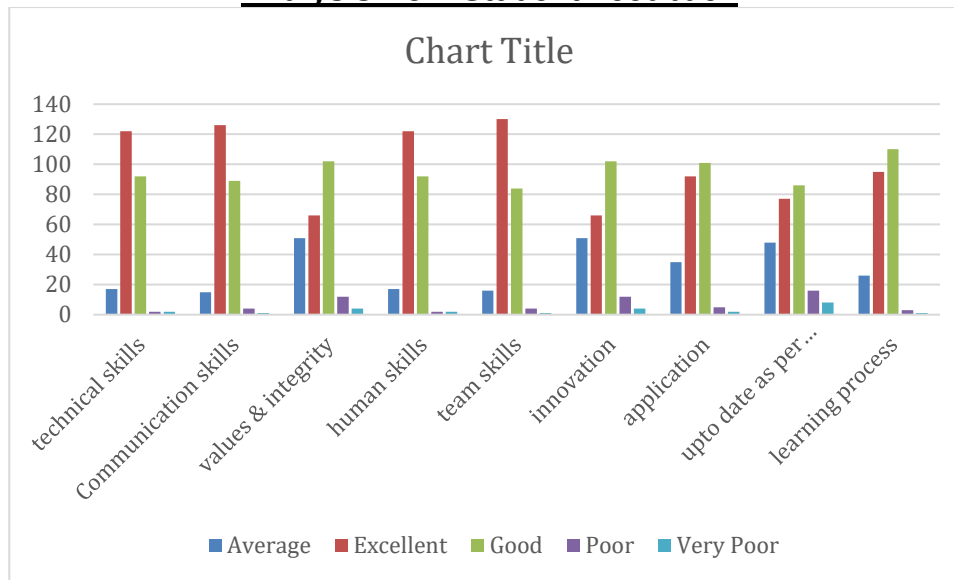
- IIC Cell was established to promote innovation skills among students
- Subject specific guest lecturers were invited to promote more application skills
- Alumni in industry was invited to provide inputs on syllabus updation to bring up to date skills among students and the syllabus revision frequency was significantly increased.

Analysis from Employer Feedback

- **Similar feedback was received from employers.**
- **Point 4**
- **Point 5**
- **Etc...**

- **Action taken:**

Analysis from Student Feedback



- Syllabus updation to industry standards is considered comparatively low.
- Innovation, Application and updated syllabus with market was relatively low rated

- **Action taken:**

- IIC Cell was established to promote innovation skills among students
- Subject specific guest lecturers were invited to promote more application skills
- Alumni in industry was invited to provide inputs on syllabus updation to bring up to date skills among students and the syllabus revision frequency was significantly increased.

Analysis from Faculty Feedback

- Suggested inclusion of more practical component in syllabus
-

- **Action taken:**

1. Syllabus was revised to add practical lab hours and case studies
2. Examination system was revised to include more application based questions.




Dr K. Sayee Manohar
Head
Dept. of Management and Commerce
SSSIHL

Signature of the HoD
Date

PS: Replicate the above template for another programme of your department in the next page.

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus
Academic Year: 2023-24

Analysis of feedback for: B.Com.(Hons.)(Brindavan)

Analysis from Alumni Feedback

- 1. Practical and Industry-Related Experience:** The most commonly cited feedback is the need for more internships, industry exposure, and practical projects. Alumni stress the importance of real-world applications of academic knowledge and the opportunity to gain practical experience, particularly through summer internships and live projects.
- 2. Curriculum Modernization and Relevance:** Alumni frequently mention the necessity of updating the curriculum to include current technologies and business trends, such as AI, Blockchain, analytics, and advanced software skills like Excel and Tally.
- 3. Enhanced Learning Methods:** There are numerous suggestions to increase the use of case studies, hands-on training, and activity-based learning to strengthen conceptual understanding and to keep the curriculum competitive and outstanding.
- 4. Skill Development in Specific Areas:** Feedback includes calls for more courses in coding, data analytics, financial modelling, and valuation, as well as subjects that cater to future professional courses and certifications.
- 5. Incorporation of New Technologies and Subjects:** Alumni advocate for the integration of technology in learning experiences and the addition of new electives that are up-to-date with industry needs, such as GST, entrepreneurship, social entrepreneurship, and international trade.



6. **Teaching and Faculty Improvements:** Suggestions for involving more practising professionals in teaching and ensuring continuous faculty development to maintain industry relevance and to facilitate the resolution of real-life business challenges.
7. **Competitions and Extra-Curricular Activities:** A few alumni suggest more opportunities for students to participate in inter-college competitions and debates, as well as exposure to various events to showcase talent and compare with peers from other institutions.
8. **Examination and Assessment Methods:** There is a call for a shift from traditional paper-based tests towards more project-based assessments that reflect practical work experience.

ACTION TAKEN:

1. Internships have been incorporated into the new NEP-based curriculum from 2023-24 onwards.
2. Knowledge of Excel is introduced early on in the B.Com new NEP curriculum so that this can be applied while learning various courses. Data Analytics as a full-fledged elective has been introduced. There is a provision to do an online credit course on any technology of the student's choice such as Python, AI, Oracle, etc.
3. Case study-based teaching has been incorporated into the pedagogy of some courses in the new curriculum.
4. Indirect Taxes, Sustainable Development, and Entrepreneurship has been incorporated as core/elective courses in the new curriculum.
5. The department currently has five visiting faculty who handle core/elective courses, some of whom are working professionals.
6. Varied forms of assessments other than pen-and-paper based tests have been incorporated into the curriculum of various courses and into the regulations of the new program launched from 23-24.

Analysis from Student Feedback

Areas of concern – 3rd year students

1. Scheduling and Time Management (Most Concerning):

- Requests for less packed college timings and more free hours to prevent stress and lack of interest.
- Suggestions to postpone certain classes to allow for personal development activities.

2. Educational Resources and Internet Access:

- Calls for improved internet access, 24-hour facility, and permission to use laptops and mobiles in hostels.
- Desires for access to more academic papers and online learning platforms.

3. Practical Exposure and Job Relevance:

- Strong emphasis on the need for internships, practical subjects, and industrial visits.
- Requests to integrate more technical skills and job-relevant content into the curriculum.

4. Curriculum Enhancement and Skill Development:

- Suggestions to add more B.Com subjects with digital learning components and other professional courses.



- Proposals for the inclusion of programming languages and other skills-based courses.

5. Faculty and Academic Support (Least Concerning):

- Concerns about the number of faculty members and the need for additional staff to support the curriculum.

Positive Feedback – 3rd year students

1. **Faculty Quality and Expertise:** The most praised aspect, with faculty commended for their knowledge and teaching effectiveness.
2. **Course Content and Relevance:** Students appreciate the depth, practicality, and professional alignment of the syllabus.
3. **Practical Application and Skill Development:** Acknowledged for hands-on learning, leadership, and communication skills enhancement.
4. **Resources and Learning Opportunities:** Valued for up-to-date content, industry insights, and the inclusion of modern topics like data analytics.
5. **Program Structure and Design:** Recognized for its comprehensive nature and strong educational foundation for future learning and exams.

Areas of concern - 2ND year students

1. **Industry Exposure and Practical Application:** Most students demand increased industry interaction through regular visits, internships, and practical examples integrated into the curriculum, indicating this as the primary area of concern.
2. **Curricular Updates and Technical Skills:** There's a strong call for integrating up-to-date technologies and programming skills (Python, R, AI), suggesting that students find current content not aligned with industry standards.
3. **Innovative and Interactive Learning:** Requests for removing outdated theory, including more innovative and technical subjects, and using tools like Excel, Canva, and other software in teaching reflect a desire for a more engaging learning process.
4. **Soft Skills and Personal Development:** Feedback indicates a need for courses in soft skills like typing, communication, and personality development, showing students value these alongside academic knowledge.
5. **Curriculum Relevance and Enhancement:** Suggestions to include subjects like Entrepreneurship and Business Economics point towards a need for a more relevant and diverse curriculum.
6. **Extracurricular Activities:** Some students suggest inter-college competitions and increased sports facilities, indicating a moderate concern for extracurricular enrichment.

Positive Feedback – 2nd year students

1. **Communication Skills and Team Building:** The most cited strengths are the course's effectiveness in enhancing communication and team-building skills, with numerous students appreciating this aspect.



2. **Practical Application of Knowledge:** Many students value the practical application and real-world relevance of the course content, including the use of MS Office tools and accounting software like Tally ERP.
3. **Accounting Skills and Business Knowledge:** The development of a strong foundation in accounting practices and a broad perspective of the commerce field is frequently mentioned.
4. **Teaching Quality and Faculty Support:** Positive remarks about the visiting faculty and the supportive nature of the teaching staff are common, highlighting the high quality of instruction.
5. **Soft Skills and Personal Development:** Several students recognize the course's role in fostering soft skills and personal growth, including creative analysis and values.
6. **Technical Skills:** Feedback on the impartation on basic technical skills relevant to commerce, such as Word, PowerPoint, and Excel, is also noted.

Areas of concern – 1st year students

1. **Curriculum modernisation and relevance:** The need to update the syllabus with current, in-demand skills like Six Sigma, Tableau, and AI is highlighted, indicating a strong desire for a curriculum that is aligned with the evolving job market.
2. **Syllabus Volume and Workload Management:** Concerns about the extensive syllabus under the NEP program are prominent, with students feeling the content is too broad for the time provided, suggesting a more focused approach.
3. **Real-World Application and Technical Skills:** Students express a need for the curriculum to integrate real business problem-solving and individual technical skills, reflecting a significant interest in practical education.
4. **Communication Skills and Personal Development:** Improving communication skills by scheduling weekly group presentations is mentioned, pointing to a recognition of the importance of soft skills alongside technical knowledge.
5. **Sporadic mentions:** Industrial visits, internet access, duration of class, mooc courses

Positive Feedback – 1st year students

1. **Practical and Technical Skills:** The most cited strength is the focus on practical knowledge and technical skills, especially in Tally, Excel, and other software relevant to commerce.
2. **Application-Based Learning:** Many students appreciate the application-based approach of the program, which includes financial analysis, corporate law, and business administration, highlighting its alignment with industry standards.
3. **Communication Skills:** Strong emphasis is placed on the development of communication skills, both as a general strength and as a part of the curriculum.
4. **Program Structure and Quality Teaching:** The program structure and the quality of teaching, including the variety of faculty and their methods, are frequently mentioned as major strengths.
5. **Conceptual Understanding and Content Relevance:** Students note the conceptual clarity provided by the course and the up-to-date and comprehensive nature of the syllabus.



6. **Specialized Knowledge:** Specializations in accounts, income tax, and costing are recognized, as well as the program's effectiveness in current affairs.
7. **Human Skills and Values:** Some feedback touches on the development of human skills and values, indicating a well-rounded educational approach.

ACTION TAKEN:

1. Concerns regarding timing has been only from the 3rd year students, who have to bear the rigour of the old curriculum in the altered schedule. The NEP batches will have a more relaxed schedule.
2. With the additional computer lab coming up, the pressure for access to internet and computers in general will ease.
3. The third-year students have been taken on two industrial visits in the winter semester. The NEP batches will have mandatory internships apart from industrial visits in the final year. The possibility of appropriate and relevant industrial visits during the 1st and 2nd year will be explored.
4. The third-year students have already gone through / will go through the following soft skills development program in the last semester of their program.
 - a. Interview skills and mock interviews by working professionals
 - b. Soft-skills development workshop for 8 hours
 - c. Selling Skills workshop for 10 hours
 - d. Corporate Readiness workshop for 6 hours
 - e. Design thinking and Innovation workshops
 - f. Group Discussion and feedback sessions
5. The third-year students did participate in national level competition conducted by a university in Mysuru.
6. Much of the concerns raised by third year and second year students regarding currency of curriculum have been addressed in the new NEP-based curriculum.
7. The concerns regarding depth of syllabi has already been addressed through instant syllabus revisions effective from next academic year.
8. 1st year students have been allowed to do MOOC's in lieu of a core course.


Dr K. Sayee Manohar
Head
Dept. of Management and Commerce
SSSIHL



Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus
Academic Year: 2022-23
Analysis of feedback for : (BBA)

Analysis from Alumni Feedback

- More industry exposure
- More lab hours, access to laptops
- More cases and application oriented pedagogy
- More guest lectures
- Projects and internships to be introduced.

Action taken: Already the new batch of students who have joined as NEP-2020 batch have more lab hours, and access to internet and laptops/desktops. Students are allowed to use individual laptops.

Industrial visits also have been implemented for final year students. The need for more cases and application oriented teaching style is recognised and is adopted. Guest lectures are a regular feature. During the odd semester of 2023-24 guest speakers spoke during HR week and also during the Jeevan Kaushal - Skill enhancement program in November.

Analysis from Employer Feedback

Nil as many students opt for PG

Analysis from Student Feedback

- Students want more value added courses.
- More emphasis on communications skills and leadership to be given.
- More internet hours and tech support in lab during the lab sessions.
- Online classes can be more effective.
- Wanted some subjects to be replaced.
- Individual care to be provided by teachers.
- They want more courses in the area of AI.
- **Action taken:**
- **The NEP syllabus is updated with new courses as per industry requirement.**
- **Students are allowed to take up courses for academic and skill development from Swayam portals. This can be add-on course or as a credit swap course**
- **Internet access has been improved**

Analysis from Faculty Feedback

- Faculty can be given more scope to innovate and experiment in the fields. The courses can have more research component



- Principles of Income Tax - Can be exposed to practical aspects of taxation
- Financial Services - Can expose to start up funding
- Management Accounting - Can expose to real time financial ratios and statements
- **Action taken:** Since the faculty are involved in syllabus setting, these things are now taken care by the concerned faculty themselves.


Dr K. Sayee Manohar
Head
Dept. of Management and Commerce
SSSIHL

Department of Music

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022 - 23

Analysis of feedback for: BPA in Music

Analysis from Alumni Feedback

1. Music performance by alumni.
2. Music performances by students / Audio-Video concerts by renowned artists to be shown
3. Practice rooms.

Action Taken:

1. The evening of 30th December is dedicated to Music dept. / college Alumni program in Mandir. Ex-students from several places come together and offer the program in the Divine presence. The department also has an interactive session around the same time while they are here.
2.
 - a) We have started music programs in the department by students/teachers on Saturdays unless there are other events / commitments / CIEs scheduled during the same time.
 - b) We have been performing 4 to 5 times per year in Sai Kulwant Hall.
 - c) There is a Performance by Music dept. during the afternoon session on the final day of Summer course every year.
 - d) Audio / Video concerts by renowned artists are shown from time to time in one of the rooms of the campus – Humanities building.
3. After relocation, the front class rooms in the Indoor stadium and a few rooms in the Humanities building are used for night study hours' practice.

Analysis from Employer Feedback

1. Most of the feedback from various employers is positive and encouraging in terms of students' learning and imbibing the integral values of SSSIHL system of education.
2. Need for better communication and collaboration.

Action Taken:

1. To continue guiding students towards betterment of Integral system of education along with academic rigour for their holistic development.
2. After implementation of NEP, students are opting and are encouraged to take VAC courses like 'Communication' which will improve their skills of expression. Students collaborate during Music programs. They are asked to do group performances more which contribute to team work.

Analysis from Student Feedback

1. The feedback is good.

Action Taken:

1. As the syllabus is aligned to NEP, students will have a holistic approach to their study.

Analysis from Faculty Feedback

1. The course provides the student with adequate theoretical & practical knowledge of music, performance & teaching skills which impact people and society positively thereby improving the understanding of the aesthetics of music.
2. Need for fine tuning the mapping of course outcomes.

Action Taken:

1. Working on OBE through workshops and refining program & course objectives / outcomes.

**Signature****Date: 14-02-2024**



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. K. Vijay Sai,

Head, Associate Professor & RSO, Dept. of Physics

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022 - 23

Analysis of feedback for B.Sc. (Hons) in Physics

Analysis from Alumni Feedback

- Inclusion of internship opportunities.
- Should include internships related to industry, separate hour for doing internship.
- Providing students with the internet access may help them to know what's going around the world.
- The Syllabus is very good and can become better if it is ensured that all the topics required for the competitive exams that one may write during/after B.Sc. like JAM and CUET are covered. All the physics courses taught must include the topics required for the competitive exams as well.
- Addition of recent trending topics as an application to the corresponding paper
- Mentioning research areas corresponding to each paper so that the student can start developing his research interest from an undergraduate level
- Visit to research centers.
- Project work based on innovation and technology could be initiated.
- Adoption of technology, continuous learnings, access to media, syllabus to include latest booming topics like Gen AI and Mandatory Project submission to award degree.
- Inclusion of Industrial Visits in all the courses
- Job oriented skill, Communication skills, Career guidance
- More internet access and provision to use online learning resources such as YouTube, Coursera, etc.
- Provide more electives, industry expert insight on things work at their company and work culture. This can be a zoom session or someone who can come and share the experience. Make it Mandatory for final year students
- Coding in python from 1st semester onwards. Simulation software. Internships and Summer schools. Departmental seminar talks on research fields and career opportunities at industries. Preparing for competitive exams like JEST, JAM, GATE, CUET.
- It would be nicer if we could get more collaboration with premium institutes in terms of summer programs.
-

- We should have electives in the final year which a student could choose to specialize as this will help in their Masters anywhere
- Final year projects for science students should be given more importance and weightage as this builds the research aptitude.
- Entrepreneurship training
- More industry exposure to women students
- Subject oriented mini projects can be included. Weekly assignments to improve the problem solving skills. Students can be encouraged to give technical talks in auditorium. Brainstorming sessions of any latest inventions/science among students can be facilitated. Integrated MSc option can be included.

Action taken:

This feedback is brought to the attention of all the concerned faculty members.

Internships in online and hybrid mode are being planned for all the interested students.

The internet connectivity is being upgraded in all the campuses to have better connectivity. And students have been given access to the same

We will review the syllabi once again and add the missing topics useful for competitive examinations in the respective papers. Efforts would also be made by the teachers to give training to the students for competitive examinations.

Field visits to industries and other research centers are being planned for all the final year students.

The new B S Physics programme has introduced Python coding from semester one along with courses related to simulations

Mandatory project work is introduced in the final year of the newly introduced B S Physics programme.

Colloquium talks are being organized by experts from industry and other academic institutions. The frequency of these talks would be increased. In the B S Physics programme we introduced Physics in Industry – Tech talk series.

The new B S Physics programme also has a variety of electives and specializations in the final year.

A value added course on Entrepreneurship and Innovation is introduced which the interested students are taking.

Career Counselling sessions are being conducted by the department.

Analysis from Student Feedback

- The Programme should allow us to have specific topics only which is necessary as per our honours preference.
- Honours from 1st year, so can university cover more topics which could be a criteria to apply abroad
- Including more technical subjects, and also introducing the applications of every subject rather than just going into the detail of the theory.
- Research projects could be facilitated, Use of laptops in class hours may increase productivity
- Little bit of free hours should be kept, for students to explore the internet.
- Laptops can be allowed during class hours for increased productivity.
- More hands on learning and experiential learning.
- The subjects should be more advanced that they will benefit the students in future
- The main improvements that can enhance the learning is provide more time to students, the time is not sufficient and keeping up to date is pretty difficult.
- Pictures or video must be provided for better understanding of the subject.
- A student whose life is going to be full of physics or chemistry or math doesn't need the other subject in equal quantities. So making 1st year too as an individual honours course would improve college level and the future of upcoming generations like other premier institutes does.
- In case each student is facilitated to have some counselling sessions for having a clear cut idea of what to choose as his future undertaking courses and each one should be allowed to take several courses online for his development and more via digital learning.
- I would like more digital learning.
- Classes on how to communicate effectively, present effectively etc.
- Teachers should conduct weekly tests, revision classes and doubt classes.

Action taken:

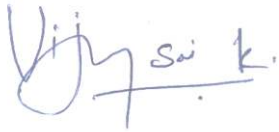
This feedback is passed on to all the faculty members to make teaching more interactive and engaging, conduct weekly tests, classes for revision and clearing doubts.

We plan to conduct at least one session per semester where alumni interact with the current students and give guidance for competitive examinations and career counselling.

Students are encouraged to explore trending courses from online platforms like Coursera and have credit transfer from SWAYAM platform, where students take courses in related disciplines.

The department will arrange for sessions by experts to improve soft skills.

The present NEP curriculum has allocated a minimum of two hours per week for exploring various opportunities and to attend various talks across disciplines



Signature of the HoD

Date 15/02/2024

DEPARTMENT OF PHYSICS
SRI SATHYASAI INSTITUTE OF
HIGHER LEARNING
Prasanthi Nilayam-515134 (A.P.)
INDIA



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. K. Vijay Sai,
Head, Associate Professor & RSO, Dept. of Physics

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022 - 23

Analysis of feedback for M.Sc. Physics

Analysis from Alumni Feedback

- Placements Opportunities from various Companies.
- Computer Infrastructure can be better at least at the PG level.
- To introduce interdisciplinary collaborations with other departments like computer science, or biology. This can broaden students' perspectives and foster interdisciplinary research, and hence preparing for diverse career opportunities.
- To include courses or workshops focused on communication skills, scientific writing, and presentation abilities.
- Having sessions on courses like LabVIEW will be more beneficial to the student. LabVIEW skills are applicable in every field.
- More industry connect across various course will give a practical application to the students
- Program should be more industry oriented.
- Need to upgrade the syllabi as per industry requirements from time to time and also allow students to have more exposure to industry and permit for taking up certification courses, accordingly the students can have an edge over other peers.
- Improved Industry interactions for Sciences and not just for MBA especially for PG students
- Enhanced Alumni interaction
- Career Counselling
- More collaborations; training opportunities; summer internships; more project oriented assignments; institute industry collaborations

Action taken:

For all the MSc students, the department started one Industrial visit per semester.

University is planning to increase the infrastructure of all computer labs.

Department has taken up interdisciplinary projects in collaboration with Dept. of Maths and Computer science, Dept. of Biosciences and SSSIHMS- PG.

Department is planning to conduct a workshop on communication skills, scientific writing, and presentation abilities.

In the academic year 2022-23, we had conducted hands-on workshop on LabVIEW, and we plan to conduct during this academic year as well.

Department has introduced an elective course Industry 4.0, as not all core courses in MSc Physics can have industry orientation. We plan to introduce more such electives.

Department encourages students to earn industry micro-credentials from platforms like Coursera.

Alumni interaction and Career counseling is facilitated.

Summer Internships for interested MSc students is being facilitated by the department.

Analysis from Employer Feedback

Mention improvements you would like to have in the skill sets of students from SSSIHL who are employed in your organization.

- More hands-on experience and application oriented knowledge
- Needs improvement in experimental skills.

Mention a few positive aspects of the students from SSSIHL working in your organization

- Sincere and dedicated, very hardworking and willing to learn new concepts
- Good manners, polite, good theoretical knowledge, and software skills.

Action taken:

This feedback is passed on to all the faculty members to give more hands-on experience and application oriented knowledge in the theory and practical courses they are handling.

This particular student whom the professor is referring to has done his 1st year MSc in online mode due to COVID-19 lockdown. Most of the lab sessions were conducted during 1st year. That must be the reason for such a comment.

Analysis from Student Feedback

- Inclusion of more recent/ trending electives in the curriculum, Changing the mode of teaching to an interactive and engaging one
- More contact with alumnus can be made. Staffs can encourage students to explore more in the currently developing fields.
- Introducing more electives can help us.

Action taken:

This feedback is passed on to all the faculty members to make teaching more interactive and engaging.

We plan to conduct at least one session per semester where alumni interact with the current students.

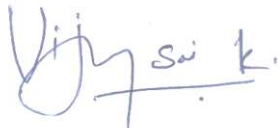
Students are encouraged to explore trending courses from online platforms like coursera and have credit transfer from SWAYAM platform, where students take courses in related disciplines.

Analysis from Faculty Feedback

- Since Quantum Computing is an area fast growing and is more practical, some of the concepts need to be demonstrated using simulations.

Action taken:

The concerned faculty is working towards this for next offering of the course.



Signature of the HoD

Date 15/ 02/ 2024

DEPARTMENT OF PHYSICS
SRI SATHYASAI INSTITUTE OF
HIGHER LEARNING
Prasanthi Nilayam-515134 (A.P.)
INDIA



SRI SATHYA SAI INSTITUTE OF HIGHER LEARNING

(Deemed to be University)

Dr. K. Vijay Sai,
Head, Associate Professor & RSO, Dept. of Physics

Analysis and Action Taken Report based on feedback from Stakeholders on Design and Review of Syllabus

Academic Year: 2022 - 23

Analysis of feedback for M.Tech. (Optoelectronics and Communications)

Analysis from Student Feedback

- Computer Infrastructure can be improved.
- Everything was good.
- We can have more number of placement opportunities in different companies.
- Introduce industry-specific lab courses tailored to relevant fields of study.
- Develop specialized lab sessions corresponding to specific academic papers.
- Modify question papers to include short question & problem-solving exercises.
- Make it more competitive.
- More practical sessions.

Action taken:

This feedback is shared with all the faculty members and they will be taking necessary steps to improve in the respective theory and lab courses.

Introduction of Industry-specific lab courses would be discussed in the next Board of Studies meeting to do the needful.

Analysis from Faculty Feedback

We need to keep updating the course as new industry standards are coming up from time to time.

Action taken:

Department of Physics is constantly in touch with the Industry experts and is updating the syllabi of all the papers and the curriculum.

Signature of the HoD

Date 15/ 02/ 2024

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