

Overcoming Covid19 Effect to Implement NAAC: Mind Mapping

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Abstract : The sudden impact of Covid19 in India coincided with the NAAC assessment submission decision at Sreyas Institute of Engineering & Technology at Hyderabad, India. Institute decided to document the upgraded National Assessment and Accreditation Council (NAAC) version and submit it to the NAAC board during February 2020; Covid19 started spreading in India. By March first week, a total lockdown started, and all educational institutions were closed. Along with quickly adapting to online classes, online examinations for the benefit of student's the staff also adopted the online media to complete the NAAC documentation as per the new standards laid by NAAC. To motivate the staff, who were technically knowledgeable, a lateral thinking approach was adopted. The criteria aspects were mapped to the socio, spiritual, scientific, and management aspects to bring the group together to focus on achieving their common goal for the institute of achieving the assessment and approval of the upgraded NAAC procedures and standards. Within the Covid locked down period of about five months, the required five years of data of all aspects of all criteria were collected with co-operation among the staff, and the submission was completed in September of 2020. This report is to focus on the mind mapping used initially to bring the faculty team together for

preparing the NAAC Document. All seven criteria of the NAAC system were mapped to socio, scientific and spiritual practices through which all humans were brought up. The relationship is communicated via zoom meetings to all staff and the criteria in charge. Commitment improved as they related the known imbibed knowledge they possessed.

Keywords: Covid19; Mind Mapping; NAAC; Baghavat Gita; Engineering Institute; Pedagogy.

I. Introduction

The human mind is a bundle of biochemicals that generate paths of electric fields for developing ideas, following instructions, giving priorities, putting efforts into completing committed work. Edward de Bono [1] explained why some people always seem to have new ideas while others of equal intelligence never does. The old patterns of thinking can be closed, and new ways can be developed as the basis for mapping knowledge of common interest and awareness to the NAAC criteria and discussing with all to develop similar mind patterns. The areas of common knowledge points are addressed here. SWOT analysis [2], the success of any project is dependent on the correct estimation and knowledge of the Strength, Weaknesses, Opportunities, and Threats of the team who take the project. Early planning of this awareness helps set the right persons in the right place to complete the job within the required timelines.

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The outcome of any academic institution is the students' performance in the examinations. Exam results, Akella et al., mapped [3] a Gaussian distribution to the exam results of boys and girls of different branches for engineering education. Students of many engineering colleges in Telangana are affiliated with universities. Examination adherence to the university schedule constraints the other activities planned like the NAAC documentation. H. L. Rathva [4] explained the five elements of nature, as described in the Vedic scriptures, to control nature Earth, Water, Fire, Air, and Ether. Knowing its importance will help in making the environment a friend to humans and nature to life. Realization of why Covid19 could overcome our inherent strength of immunity to fight such a virus should be contemplated.

Pratik Patel [5], has presented the Plan-Do-Check-Act (PDCA) cycle. However, the method is applicable to process, business and organization as generally utilized by the industry. PDCA is proposed here for the Internal Quality Improvement of the Institute pedagogy.

Benzon & Hays [6] classified natural intelligence as being grouped into five classes that operate the neural tissues. (1) The modal principle subserves of feelings, (2) The diagonalization principle subserves the decision principle subserves coherence, (3) Action, (4) The discrete resolves into a figural principle, and the fifth activity (5) The indexing principle, which is implemented through the neural mechanisms of language. These principles work as ordered modes. The present work considers the four modes of Buddhi, Manas, Chitta, and Aham, which operate with a centered Atma as the core, is written in the Vedic scriptures.

G. Binnig et al. [7] used Artificial Intelligence to understand if machines can be made to think like humans. The complex thinking procedure of the mind is not completely understood, but we approximate machines to operate with some assumed algorithms of data acquisitions, analysis, and operations. This ability to handle unknown new situations with the available historical data is regarded as intelligence. In machine learning, we have control over the design of the intelligence, and we can modify it as we feel required. Similarly, in this work, we assume that the human mind, our natural intelligence, can also be mapped to think in the way we feel is required to solve the problems at hand. We do not give any algorithms

for the mind to follow as it can formulate efficient ones, unknown to us.

Another important aspect of any activity is the growth, both at personal knowledge and career actions and for the institute activities. Growth can be associated with an accelerated increase. Many models represent values that increase with time. Shape functions such as involute models, exponential models, cycloidal profiles. Other forms can be used, but the Fibonacci increase in growth is often seen in nature, which can fit better. Fibonacci can be used in gigantic shapes of change like the galaxies or for small shapes of sunflower seeds formation. Whereas an Involute profile is used in a finite change to increase and then decrease form like in a gear tooth. Jeffrey R. Chasnov [8] defined the Fibonacci series and the golden ratios. In nature, these growth patterns are visualized, correlated, and established. To make this growth happen according to a pattern shown is an intricate management challenge.

The common platform that relates to many of our team members is Goparaju Purna Sudhakar [9], who used Baghavad Gita in his Ph.D. research. He felt it is relevant in today's stressful work demands. Baghavad Gita, BG, can improve morale, build confidence, bring assertiveness, create job satisfaction. BG can be used to provide a balanced personal and work-life. Many international companies are using Bhagavad Gita to have matured mindset in their employees and yet meet their business objectives. Harmony among all the stakeholders makes the path of growth smooth.

Bhavesh A. Kinkhabwala, Ravi Gor [10], narrated the Adi Sankaracharya, A saint spreading Vedic knowledge across India during the 8th century. He was a young boy of about seven years who was gifted with Vedic knowledge and took up sannyasa, giving up worldly life to revive true dharmic Hinduism. He was acclaimed as the Bhagwatpad Jagadguru Adi Shankaracharya, a world guru in all scriptural knowledge. He formed four Matts on the four North, West, South & East corners of the country to represent the four Vedas. These Matt places of worship still prevail as the pillars of the Hindu Sanatana Dharma.

The present initiation of the work to motivate our staff to complete NAAC work is an important milestone for the institute. Datta Sawant [11] described the Best Practices of Top (NAAC) Accredited Institutes (State-wise). The NAAC [12] developed and published the upgraded manual [12]

for the institutes to follow. Sreyas Institute follows the Affiliated UG Colleges format for its accreditation. A series of best practices of various institutions as per seven criteria of assessment and accreditation, some are case studies. Best practices reflect the credibility and cheerful life of a college.

Though ancient, the Sanatana, time immemorial, knowledge in the scriptures is very vast. The concepts derived indicate the reliance on ancient scripts even in the current day global business scenario. Baghavad Githa, [13] written by Veda Vyasa, Is the learning by Arjuna the greatest warrior who requested God, Baghavan, Sri Krishna to be his guru to teach him if it is right to fight a war with his cousins and friends and relatives which will be destroying everyone. Lord Krishna gives total knowledge of what is right and wrong in all aspects of life in 700 slokas, poems. These poems provide the basic rules to lead a righteous life. The inputs for this knowledge of Bhagavan were also available in the Vedas [14], eternal, Sanatana scriptures.

Patanjali [15] wrote this in Yoga Sastra, the knowledge of meditation. The concept of thought-related action is given as Vritti. It has two modes Pravritti, attitude, the external operations form. Nivritti is the inner character. This model has flexibility in defining the reformation of patterns in mind.

The period of scheduled NAAC work coincided with the Covid19 pandemic. This caused concern about whether we could meet the schedules planned by our institute. Uday Kumar et al. [16], chronologically mapped the occurrence of the Covid19 virus attack in India from the end of February 2019 until May. Our NAAC work was also planned for this period. This mind tuning by mapping important knowledge to NAAC criteria was initiated to put all members of the NAAC group in a common platform of planning and execution. The activities were primarily remote with network connections to share data, discuss analysis, review and validate. The technical institutions were severely affected as the government did not want to risk students acquiring the Covid virus as they can transmit widely in the classrooms. Strict implementation of only having distance education was possible. New skills were obtained by staff to convert to online classes. Pravat Kumar Jena [17], in his paper, summarized the impact of the Covid-19 pandemic on Indian academic systems. The pandemic severely affected the Indian

schools, colleges, and higher education fields.

The disruption was total and for a prolonged period. Alternate routes were quickly evolved and adopted to minimize the effect on psychology and maintain the academic schedules to provide timely graduation. In this study, it was important for the institute to provide online classes to all branches and sections of the four-year engineering programs operating from home with all Covid constraints of any movement outside. Also, to provide extra time for completing the NAAC formatted five years data with analysis requires ultimate commitment from all staff. To obtain this commitment, this program of mapping knowledge onto the NAAC criteria was initiated. The assumption was to provide a uniform opening of mind patterns and goal paths in all members to benefit the institute in the long term, which is for the 'Sreyas', long-term happiness of all the institute's stakeholders.

2. Mind Mapping

Indian Scriptures, Patanjali [15], the sage who introduced meditation forms, yoga to control the self, has divided the control of a person by four parts centered at Atma the hub, Figure 1. The four parts of the mind are Buddhi which is intelligence and takes decisions from inputs of the other three parts. In a way, it controls the mind-body and soul, Atma.

Chitta is the record keeper, the memory of the being. It has a record of the past, present and will take it forward into the next James, lives. It has gyanaindriyas or knowledge senses. The past, Vasanas, the present Samskaras, attitude is driven by this part. The control of the mind is through bio-electro-chemical patterns and reactions. These reactions are patterns, Vritti created by your interaction of the four parts of the mind.

Manas is the external operating mind assisted by the five senses, eyes, ears, nose, tongue, and skin. The actions of the body and the four arms are controlled by the manas to do physical work.

Ahamkara is the identity of the person, I. It's hereditary, origin, name, qualification, nation, religion, competence, fame, richness, etc. It is driven by desires, Kama. It lives in duality; likes-dislikes, happiness-sorrow, hatred-love, mine-thine, etc.

Atma is subtle to all our five senses, residing at the center. It is the destination of the distinctiveness of

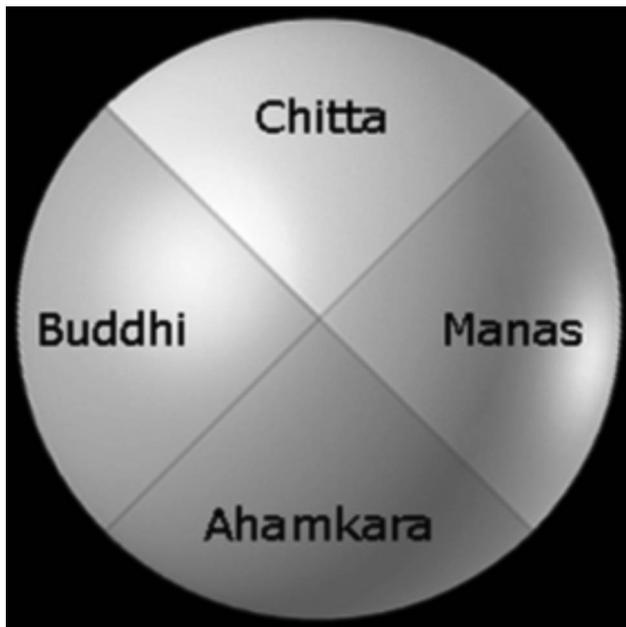


Fig 1: A four-way control of human activities [15]

total happiness. Sat-Chit-Ananda, Being-aware-bliss. In the spiritual path, the Chitta, Manas, and Ahamkara paths, patterns are closed. So the mind, Buddhi, resides at the center of mind, the Atma the hub of a being, a state of pure happiness.

In this work, the educational system brings all Sreyas Institute stakeholders especially, the staff who are the core of establishing the academic procedures. An effective and efficient educational system will develop students to be global achievers in the profession of their choice. This is possible only if the entire staff have the same culture of values, integrity, purpose, the commitment to oneness in body, knowledge & thought. The concepts of the following Pedagogy are shared with the students by verbal presentations and by display in course notes. The unity of students and staff in attaining academic goals propagates through the "SHREYAS" of the institute.

A. Sreyas: The story of Nacciketa

Nachiketa, a boy five-year-old was gifted by his father, to lord Yama, the lord of righteousness, dharma, as an offering. The young boy waits for three days meditating at his doorstep. When Yama comes, he is impressed by this boy's devotion and gives him a boon of knowledge which spells the right way to live, Sreyas or to while away in pleasures Preyas. Sreyas, the institute's name, drives the stakeholders, management, staff, and students on a righteous path.

Evaluating all activities that are taken and commitments that are made, and the actions performed are for the long-term benefit of the society. Sreyas leads to perpetual happiness as opposed to Preyas, which provides temporary short-term pleasure.

This mind mapping exercise aims to tune all staff to act towards a common goal psychologically. Unifying thoughts from Baghavad Gita, Scriptures, Science, Engineering, and Management oriented all the staff to a righteous common path. This path of Sreyas made us commit to establishing and following the NAAC defined pedagogy.



Fig. 2: Nachiketa bowing to Lord of Dharma, Yama [18]

3. The Goal Of Sreyas Institute Is To Establish A Quality System To Enhance Pedagogy

Sreyas Institute of Engineering & Technology is affiliated with Jawaharlal Nehru Technological University, located in Hyderabad, India. It was established in 2011 in a very green eco campus with international-level resources for education. The institute's Governing body formed an Internal Quality Assurance Cell, IQAC, to establish, monitor, and enhance pedagogy. OBE, an institutional outcome-based education, was formed based on Bloom's Taxonomy levels. Obtained National Board of Accreditation, NBA ranking for the programs incorporated.

Further, the institution's quality was subject to assessment and accreditation by the national council, NAAC. This report is the experience of unifying all the stakeholders, management, staff, students, parents, and society to a mindset by mapping the allotted seven criteria in NAAC, shown in Table 1. The statutory requirements of each criterion are provided by the council with required formats and expected standards. All staff of each of the departments, programs are allotted an aspect to concentrate on. This work attempted to bind all by a common mindset to attain the common goal of quality. The mapping is basically from the academic systems'

known prior spiritual and ethical knowledge as defined in the NAAC Criteria.

The following part of the document describes different aspects of mind mapping. It is like nurturing a plant by plowing the ground and adding manure watering to grow to its full potential. Growing is the inherent property or nature. We add our inputs to accelerate its performance. Similarly, the defined methods, formats, documents, and procedures defined by NAAC are the inherent needs. The mapping to motivate and create open patterns of common mindsets the mapping given below is given to all members of NAAC implementation.

Table 1 :Naac Criteria For Affiliated Institutes

Marks	Criteria	Mapped To
100	1. CURRICULAR ASPECTS: Design, Develop, Planning, Implementation, Flexibility, Enrichment, Feedback.	PDCA, Gaussian Distribution, Fibonacci Series
350	2. TEACHING & LEARNING EVALUATION: Enrolment, Diversity, Learning Process, Teacher Quality, Evaluation, Performance outcomes, Student feedback.	Svetaketu, BG, Shankaracharya
110	3. RESEARCH, INNOVATION, EXTENSION: Support, Resources, Environment, Consultancy, Extension, collaboration, Publications, Innovations Patents.	BG, Elon Musk, Industrial Projects
100	4. INFRASTRUCTURE & LEARNING RESOURCES: Facilities, IT, Library, Maintenance.	5S
140	5. STUDENT SUPPORT & PROGRESSION: Support, Progression, Participation & Alumni	SWOT, Kaizen, BG, Meditation
100	6. GOVERNANCE LEADERSHIP: Vision Mission, Strategy, Empowerment, Finance, IQAC, Management.	Nalanda, Nagarjuna, BG
100	7. INSTITUTIONAL VALUES & BEST PRACTICES: Social Responsibility, Best practices & Distinctiveness	BG, 5 Elements of Nature, Shankaracharya.

4. Naac Criteria Related To Shared Knowledge

The seven criteria are provided by NAAC. The sub-criteria are considered to collect the designed mind Mapping content. This is not a general mapping but would depend on the group's culture and their common knowledge. The topics chosen should not be outside the present knowledge of the members. The topics like water or manure offered to plant should be readily accepted.

An easily absorbed mapping of known information will open the patterns of thought, vritti, in all the minds uniformly. A path for the common goal in establishing the NAAC procedures becomes attainable and with sustenance.

A. Curricular Aspects:

Deming's cycle or Plan Do Check Act (PDCA) cycle, shown in figure 3 is the basic operation procedure to obtain a goal in a given time period. The curricular aspects are scheduled by the university, Jawaharlal Nehru Technological University, to which our university is affiliated. The aspects are governed by the central Government Under Graduate Council, University Grants Commission (UGC); All India Council for Technical Education (AICTE); Telangana State Council of Higher Education (TSCHE). The norms of the 8th-semester engineering program are planned with the schedules, syllabus, and examination schedules given. Within the boundary of

independence, the planning of resources, implementation and execution, review of outcomes, Outcome Based Education, OBE, and finally, areas of gaps are The Engineers who graduate from a normal



Fig 3. PDCA Cycle [5]

distribution of overall attainments of professional academic and technical skills in practical application. The natural distribution Figure 4. Has the following features.

- Skills and Academics form the completeness of Engineer; flexible courses are provided.
- Projects are added to perform to customer satisfaction and fulfill present industrial norms.
- The university defines the central core subjects by about 64%.

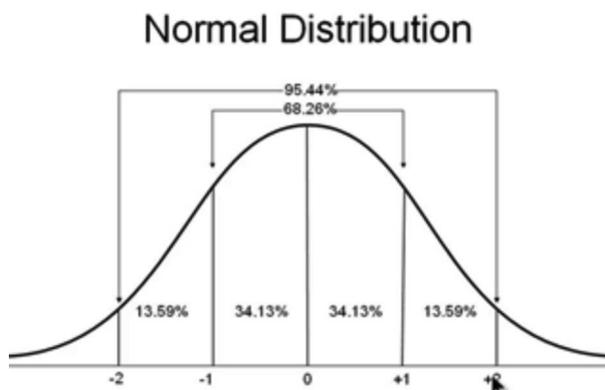


Fig 4. Gaussian, Normal distribution [3]

- The optional flexible courses might give completeness to present needs.
- UGC and AICTE have evolved a new policy with a Major program with 64% credits and a Minor program with 36% credits required to obtain graduation in two fields.

Enhancing the growth, Figure 5. It gives a series of natural growth, like inlaying sunflower seeds from center to outside, seashell of a snail, galaxies shape. The series is given by discrete number series. 0, 1, 1, 2, 3, 5, 8, 13, 21, 34... the series defined by $F_n = F_{n-1} + F_{n-2}$. Any term is a sum of the previous two terms. This series is popular as many natural occurrences fit this increasing scale of growth. Another important aspect is that the ratio of $F_{n-1}/F_n = 6.18$ and $F_{n-2}/F_n = 3.82$ are constant for any number of occurrences, n. Leonardo Da Vince's aspect exclusively on human parts to be possessing and named it Golden Ratios. Also, the Indian sages observed this series of occurrences in nature. They created the swastika with the arms to the Golden Ratios. The institute's growth in all aspects should follow the Fibonacci series.



Fig 5. Fibonacci series of numbers [8]

B. Teaching & Learning Evaluation

kārṇanya-doṣopahata-svabhāvaḥ

prcchāmi tvām dharma-sammūḍha-cetāḥ

yac chreyaḥ syān niścitaṁ brūhi tan me

śiṣyas te 'haṁ śādhi mām tvām prapannam

“Baghavat Gita 2.7 Verse.”

The verse is when Arjuna, the unbeaten warrior was confused about why he should have a war with

relatives, friends. Offered himself to be a disciple of Lord Sri Krishna and sought SREYAS to quit or to fight. God, Krishna offered him the knowledge to make the right decision. That knowledge in verse form is the Baghavat Gita, BG. Arjuna realized through this learning.

A true disciple always is protected by the teacher. In every class, there will be the best students but require the support of a teacher. A teacher who advises what SREYAS for him is continually respected. Learning always requires dedication discipline, as revealed by Svetaketu. Figure 6.



Fig. 6: Teacher Blessing Svetaketu “Tat Tvam Asi”[13]

Svetaketu as a five-year boy, was sent to gurukul to study Vedas, Puranas, Shruthi's, Smruthies, Puranas. He completed the twelve-year program with top grades in each aspect. Graded as the highest-rated performer, he left the ashram and went home. His father, Udalaka asked him what he learned when he said that knowledge of the knower was not taught; his father said his learning was incomplete and sent him back to the gurukul. His guru said understanding the 'Knower' was a difficult course. Since Svetaketu insisted that he wanted to learn this knowledge, his guru offered him to take care of the four hundred cows in the ashram. He has to take these four hundred cows to the forest, breed them and return when they number up to a thousand. Svetaketu lives with the cows, takes them to the river, bathes them, and grace enjoys new calves' birth. His life with the cows makes him forget all his earlier learnings, including the language and numbers. The students from the ashram keep watching and counting and tell the guru that the cows numbered 1000. They lead the cows and Svetaketu to the ashram, count in front of the guru, and tell him they count to thousand. The guru negates and says the count is not thousand but thousand and one. He



Fig. 7: The feet of teacher [15]

blesses Svetaketu, has learned about the knower, and has attained him. Tat-you and Tvam-HE are Asi-same. No learning is easy to acquire test your students until they learn all to perfection.

Student Feedback: Figure 7. It tells the importance of a teacher by Swamy Adi Shankaracharya tells there is no achievement more significant than the feet of the guru, teacher. If we cannot bow down to see our teacher's feet, no achievement is an achievement, and no attainment is good enough. A Student should revere the professor, take his blessings and learn from him.

Earlier, It was teacher-centric learning. The teacher's feedback was important. Now it is student-centric teaching. Today's Student feedback is essential.

C. Research, Innovation, Extension

Research starts with a literature survey. Knowing what is done before and reported in authentic, Verified journals or publications. Not only it gives us current knowledge. We plan to update the technology in performance, knowledge, production, service, etc. There are eighteen chapters in Baghavat Gita. At the end of every chapter, references to the earlier references are given below. Om Tat Sat iti: The three sacred words of eternal truth are the beginning of the scriptures & Vedas. From here is the origin of

Srimadbhagavad Gitasu: The God's verses.

Upanishadsu: Taken from the essence of Vedas which are Upanishads.

Brahmavidyayam: From the Knowledge of the Brahma.

YogaSastre: About the science of Union of the self with Paramatma.

Sri Krishna Arjuna Samvade: Given by Lord Krishna during his holy dialogue with his disciple Arjuna.

The name of the chapter delivered is mentioned.

Innovation: Elon Reeve Musk is a role model for innovators. Thinking above all other dreams and making it happen is phenomenal for a person born on 28 June 1971, and building products to building a business worth 100 billion US\$. He is the founder, CEO, CTO, and chief designer of SpaceX; Tesla; Boring Company; Neuralink; and OpenAI. Riches follow a true inventor; the following text is one of his quotations. A true inventor is always driven by his drive to follow what could be brought to society to lead a better life.

"Failure is an option here. If things are not failing, you are not innovating."

Innovation: Today, there is value for innovations registered as Intellectual property Rights, IPR. In Figure 8. The Refrigeration and Airconditioning group, a new cooling system for Electrical Vehicles, is seen. Many new ideas are incorporated and will qualify for patenting. Patenting an innovation requires novelty, non-obvious work to experts in the area, should be socially beneficial, have commercial value, and be documented.

Infrastructure & Learning Resources:

Maintenance of resources is as essential as providing the resources. Japanese mastered the maintenance of Resources using the simple 5S, Figure 9, system. It is important at Sreyas Institute as the availability of world-class Resources. The first step is sorting the required and useless parts at regular intervals and sorting them, removing all unwanted parts as space is important. Also, retrieving is easier when only required items are made available.

Fig 8. Core competence leads to innovationsThe next step is keeping the required sorted pieces in identified places, easy to retrieve. Next, the placed parts, tools, dies, or machines to be cleaned to shine as new items ready to use consistently. These three steps should be practiced becoming a rule or standard. Finally, the sorting, placing, shining methods to



Fig. 8:Core competence leads to innovations

standard should become a habit for allemployees. Maintaining the academic calendar keeping only required activities in an institute and flawlessly executing is important. This provides time optimization. 5S can be used in planning and in mind management too.

D. Student Support & Progression:

The freshmen have an orientation of about two to three weeks. The spread of students is very wide.



Fig 9. Maintaining Resources 5S [9]

Some come from Hyderabad city with English as a medium of instruction. Some come from rural schools, some from Telugu as a medium of instruction. There are some students from other states. These students come with different Strengths, Weaknesses. A formatted data is taken on different parameters. An awareness of the opportunities to Engineers is shared. Also, the threat of a disciplined approach to learning all key core subjects is not learned to perfection. Figure 10. Displays SWOT.



Fig 10. SWOT [2]

E. Governance Leadership:

śanaīḥ śanaīr uparamed

buddhyā dhṛti-grhīṭayā

ātma-saṁsthaṁ manaḥ kṛtvā

na kiñcid api cintayet

Any progress is obtained by continuous small steps, as told by BG. Just like a steep hill climber. Complete dedication is required in seeing the hold of every step, and any wrong move will cause a dangerous fall. Small steps will lead you to the top of the mountain without any diversion. The professors have to teach this discipline of progress in achieving goals.

Starting an institute affiliated with a university is so important that it should have a lasting effect over generations and centuries. Nalanda University in the 400-600AD in northern India was one such university. The learning there was so rigorous that scholars from them could guide kings to rule according to dharma sastra, righteous ways. From China and countries east of India, it was here that would send their scholars who would learn the Sanskrit language and take courses up to 12 years to master this sastra knowledge.

One such Scholar was Professor Acharya Nagarjuna, who learned at the Nalanda University and came down to south India, of present-day Andhra Pradesh, and established a Nagarjuna University, a Centre for Middle Path, Buddhist teachings. As a tribute to this great scholar and saint, the Nagarjuna University was formed in 1975 and later converted to a technical university and moved to the city of Guntur. Our institute Sreyas Institute is affiliated to Jawaharlal's new technological University Hyderabad.

tasmāc chāstraṁ pramāṇam te

kāryākārya-vyavasthitau

jñātvā śāstra-vidhānoktaṁ

karma kartum ihārhasi

BG, IQAC establishes systems: Institutional Quality Assurance Council, IQAC, is guided by the verse in BG. Scriptures, rule books have to be followed without any deviation. The dos and don'ts specified should be strictly followed by those who want career growth and should be followed by all. The work done according to rules will lead to success.

divan bhāvayatānena

te devā bhāvayantu vaḥ

parasparam bhāvayantaḥ

śreyaḥ param avāpsyatha

BG Strategy for Institute happiness: Right strategy will take the institute to its goal. Baghavad Gita says mutual understanding is a win-win strategy. Just like the relationship between humans and God, we pray, and God provides help. Similarly, the strategy of mutual co-operation helps the growth of the institute. Like in the relationships below:

- Stakeholders and Management
- Management and Governing body
- Management & Staff
- Staff & Students
- Students & Society

F. Institutional Values & Best Practices:

The misuse of natural resources is playing havoc. Unseasonal rains, storms, melting of polar ice, rise in water levels, possible shortening of shores, rise in overall temperatures, change in seasons many unpredicted environmental changes are happening. The worst shock to the world is given by the Covid19 virus attack. A more responsible approach to being friendly to the ecosystem is required. The Indian scriptures give importance to the 5 elements which constitute nature and all living beings, Figure 11. It is also important to move from the gross.

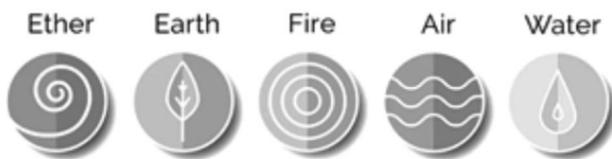


Fig. 11: Environment responsibility [4]

Earth element which can be felt, seen, and held to more subtle elements. The subtlest element is ether, in the space between planets that cannot be seen, felt, or held. Important knowledge is always subtle and understanding them will lead to the higher plane of learning.

Distinction: Swami Shankaracharya was revealed what he is to his guru. Figure 12. He was only seven years old and was wandering in the forest searching for the right guru. Suddenly, he knew his guru was meditating in a covered cave with a small hole the size for the little finger to enter. He requested his guru to accept him to be his disciple and bless him the knowledge. His guru Questioned him, who are you? To which he revealed himself to be a pure bundle of happiness representing lord Shiva and nothing else.

He introduced himself, and he says he is not his name, not the senses, not the elements of nature but a pure bundle of happiness representing Lord Shiva. He also said he does not represent the five elements of nature, nor the five senses direct him any feelings or emotions do not sway him. He has no relations nor friends, and he is a pure bundle of happiness representing Lord Shiva. So happy was the guru he came out and accepted him as his disciple.

1. A student should revere his professor, take his blessings and learn from him.

2. Earlier it was teacher-centric learning. The teacher's feedback was important.

3. Now it is student-centric teaching. Today student's feedback is important.

The distinctiveness of the institute and the professors should be of the highest level so that the students will also obtain such distinction.

Methodology of the Implementation of Mind Mapping to complete NAAC documentation as scheduled. The different views of the heads of the departments were taken in a brainstorming session online. It was decided that All staff be trained to take online classes by first experimenting within their department staff before presenting to students.

Students will be given multiple inputs like class notes, videos of online classes if they miss them. Exams will be conducted both objective type for testing the concepts and subjective to test the analytical ability of the subject.

NAAC work will be parallelly taken up. Where data is required, limited staff with covid precautions will obtain. They will also help their colleagues by gathering information for others too, minimizing physical movements. A motivating class was requested so that a common goal with knowledge of its purpose is known to all. With this background, the above Mind Mapping of NAAC criteria to known knowledge was conceived and presented to all. Knowledge was shared as PPTS, and the recorded Video was circulated to all. The participation of all staff was total. Heads of the departments who were made the criteria in charge had online reviews. IQAC, the central coordinating council reviewed and gave suggestions for soft copies.

The mission was completed. The documents were submitted for assessment as scheduled by September end.

5. Conclusions

- The Covid19 pandemic disrupted the scheduled NAAC up-gradation to the latest assessing standards.
- All staff was trained to software skills in accessing server data and for classroom teaching.
- To motivate the staff and bring them to a common mindset of meeting NAAC completion.

- Data mapping is a tool to motivate teams and set them to a common goal.
- The mapping may be with subjects of common interest but related topics to be indicative.
- The mapped subjects should not be a repetition of the real content to be obtained or actions to be taken.
- The overall unity of the team will enhance, goal achievement will spread happiness.

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