



ATRIA
INSTITUTE OF TECHNOLOGY



STRATEGIC DEVELOPMENT PLAN

2021 -2026



SIR MOKSHAGUNDAM VISVESVARAYA
(1861-1962)

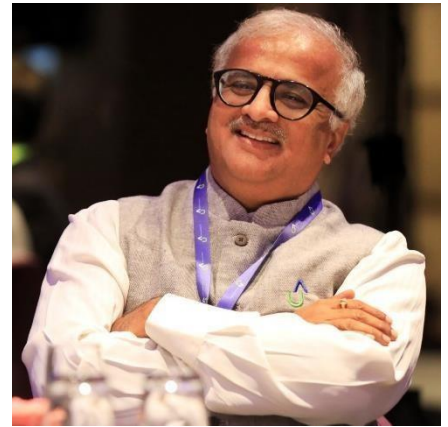
We must develop life & encourage growth of our people by

- Encouragement of self-help,
- Power of Initiatives,
- Courage to Innovate,
- A spirit of co-operation and
- A scalable organization

Sir M. Visvesvaraya

Chairman's Vision

Shri. C.S. Sunder Raju is a Trustee and Chairman of the Governing Council of Atria Institute of Technology. He is a Director of Atria Power Corporation (Hydro, Wind and Solar power generation company and the founder of Atria Convergence Technology (ACT, a leader in broadband ISP services across the country). Mr. Sunder Raju was appointed to the Prime Minister's Council for skill development. His contribution to Karnataka State Lawn Tennis Association (KSLTA) as Secretary is recognized nationally. Mr Sunder Raju has also been involved in various activities that have contributed to the social capital.



He believes the next generation of learning experience must be created beyond the classic classroom instruction formats, it is not just about nurturing the curiosity of students but also inculcating the rigor and skills of framing a problem, finding resources, creating solutions, communicating, and galvanizing opinion. He finds it necessary to revisit the evaluation process in a way that the learner can truly assess his/her own maturity and proficiency by going beyond scores in exams and one-off projects.

His goal is to empower citizens of tomorrow to navigate the fast-paced disruptions the future portends. Most importantly, he is committed to fostering a tribe united by mindsets and beliefs that can go out, navigate, and change tomorrow's world for the better, on their own terms.

As per him, the Strategic Development plan would act as a guiding document for the next five years and help in gearing up the institution towards delivering high quality technical and management education thereby earning recognition among its peers as premier technical and management institution. The aim is to provide our students with the necessary expertise to groom them to be innovative thinkers, leaders, and entrepreneurs. The belief is that by continuing to be at the forefront of engineering and management education, the institute will be able to improve its national ranking.

Distilled to its core, the underlying theme is 'learning to learn', 24/7 and 365 days a year, at the student's choosing.

Shri. C.S. Sunder Raju

Principal's Message

Our institution is committed to its vision “*To be a premier technical and management institution that provides transformational learning and multi-disciplinary research to develop socially conscious and competent professionals.*”

The students are always encouraged to focus on industry exposure through company research projects, industry visits and guest lectures. They are provided with ample opportunities to participate in extra co-curricular activities. We believe in emphasizing more on Student Centric Learning.

Today, our alumni are holding senior positions in many organizations and more students are joining each year at various levels to contribute meaningfully to the corporate world. Leading brand names like Accenture, Amazon, Axis Bank, Ernst & Young, J P Morgan, IBM, Infosys, TCS, Dell, Mindtree, Bosch, Goldman Sachs, L&T Capital, and many others have offered placement opportunities to our students in the past and continue to offer placements to our students currently.

Our goal over the next five years is to transform Atria Institute of Technology into a well-known institute of research and academic excellence in Engineering and Management disciplines. We focus to nurture professionals who can add value to organizations and pursue innovative entrepreneurial opportunities and aim to provide best in class infrastructure to facilitate experiential learning in cutting edge technologies.

I extend my sincere gratitude to all the HODs and the faculty members for their valuable guidance and relentless efforts in brainstorming and planning this Strategic Development Plan. We will diligently work towards execution of the Strategic Development Plan to take the institution to greater heights.

Dr T.N. Sreenivasa

Overview

Strategic development planning is a continuous process with a specific focus on accomplishing institutional strategic goals and departmental goals for a dynamic environment. Strategic planning always considers the available resources, the present environment of the institute and the external environmental factors that play a crucial role in the growth. Strategic development plan (SDP) analyses current environment anticipates future scenarios and envisages the future direction of the institution. It lays out the path to accomplish its vision and mission, follows score values and sticks to quality policy.

The first part of the Strategic development plan focusses on revisiting vision, mission, quality policy and core values in consultation with stake holders (management, leadership, HoD's, faculty, staff, students, and parents). SWOT Exercise and detailed evaluation of internal and external environmental factors has been re-assessed to set up the institutional goals and strategies. The operational understanding is that short term goals are to be achieved within a year's time, mid- term goals within 02 to 03 years and long-term goals within 04-05 years of time. These final outcomes were discussed and approved by the council upon analysis of all the significant factors involved.

Institutional strategic goals are broken down into strategies for planning, execution, and implementation of the entire process. Based on institutional goals, brainstorming on the departmental goals is conducted with stake holders. The process of implementation is worked out and circulated to all the departments with proper financial budgets and timelines. The SDP implementation plan is maintained separately, and progress is monitored by the head of the departments & head of the institution.

It is highly interesting to note that most of the inputs are drawn from stake holders, which is a testimony to the team participation and collective wisdom process. The SDP will enhance the capability of Atria Institute of Technology in delivering results to all the stake holders. The institution will no doubt grow and be a torch bearer in technical and management education for many decades to come thereby leading to accomplishing its mission and vision.

AIT PREAMBLE

Established in 2000, Atria Institute of Technology has been standing strong for two decades as an engineering and management institute. With a sprawling 17.5 acres campus in the heart of the city, the institution is currently conducting five undergraduate programs, three postgraduate programs in engineering and a master's program in business management. Owing to the best of infrastructural and academic facilities, Atria Institute of Technology has a pool of researchers across IISc, IITs, IIMs, NITs, and other reputed institutions across India and abroad. To corroborate the theoretical fundamentals with real-life situations, the faculty base includes trainers with rich corporate experience. Founded in 1960, Atria as a group is a diversified conglomerate with interests in renewable energy, healthcare, hospitality, education, training, and information technology. Atria Power, ACT, Atria Radisson Blu, Xcelerator, Brains and Intellicar are a few of the brands under Atria Group.

Atria aims to provide extraordinary facilities maintaining an equipoise on knowledge and co-curricular requirements to ensure the overall development of the student. We seek to inculcate an adaptive mindset through our principles of learning to learn, learning by practice and learning through enabling.

New-Age Skill Certifications and Industry Partnerships

To adhere to these principles, constant efforts to equip the students with new age skill certifications like AI & ML, CISCO, IoT, Robotics, Nano Electronics, Wireless Networks, VLSI, Embedded, Signal Processing and Communication are made regularly from each engineering department. To enable them with practical skills and get trained on real-time problem-solving tools regular industry visits and internships are organized. Intellicar Telematics Pvt. Ltd, Infosys Campus Connect, Huawei, Clevertize Pvt. Ltd, Apex India, Infosys, ISRO, NIMHANS, CISCO, Incubate IND, Nano Robotics Embed Systems, Gameface.ai, Ewinto, Intellicar, Revv Engg Indian Cyber Army, Confident Media are few of the names that help us fulfil our initiative of providing practical knowledge through internships, certification courses and industry visits.

Additional Cutting-Edge Topics and Institutional Partnerships

Creating visioners of the future is an ongoing task which involves distinctive efforts to craft the competency required for each student, to help them explore their interests, follow their passion, and discover their path. Hence, the teaching fraternity is constantly focused on training the students with cutting edge topics like Artificial Intelligence, Big Data, Bioinformatics, Cloud Services, Computing Research, Crypto-Currency, Cybersecurity, Machine Learning, Internet of Things, Self-driving Cars, Smartphones, VLSI, Embedded, Signal Processing and Communication, AutoCAD, Digital Signal Processing, Smart Devices, HDL, Wireless Sensor Networks, Mobile Adhoc Networks, Mechatronics, PLC, CNC Programming and Robotic Programming in addition to the curriculum. Other institutional partnerships include:

- Training and Research partnership with Central Manufacturing Technology Institute (CMTI)
- Active Partner of IIT Bombay initiative – Student Solar Ambassador Workshop
- Merit certificate for NPTEL Courses is being done.
- Advanced self-learning opportunities of various industrial sponsored programs such as Arm University Program, Mathworks Minidrone Competition, Github for Education, AWS Educate.

Centres of Excellence and Laboratories

The state-of-the-art laboratories and center of excellence have been set up to incorporate the in-demand inter-disciplinary skills for the Digital Economy of tomorrow. Such laboratories include: Digital Manufacturing, Mechatronics, CNC, Robotic Programming in Mechanical Department; Total Station, Theodolite, Digital Planimeter, Geotechnical Testing, Highway Materials Testing, CBR in Civil Engineering; Big Data & Cloud Computing Lab, Analog and Digital Electronics, Data Structures, Design and Analysis of Algorithm, Microprocessors, Computer Network, DBMS, System Software and Operating System, Computer Graphics, Machine Learning and Web Technology Laboratory in CSE department, Microprocessor & Microcontroller, Database and Management Systems, Machine Learning, Web Development and Design Laboratory in the ISE department and Hardware Description Language (HDL) Lab, Microprocessor / Microcontroller Lab, Very large-scale integration (VLSI) Lab, Embedded Lab,

Digital Signal Processing (DSP) Lab, Computer Networks Lab, Digital System Design (DSD), Basic Electrical, Electronic Devices, Advanced Communication in the ECE Department. Centres of Excellence in Robotic Process Automation – BOT LAB, IoT & Wireless Networks, Additive Manufacturing and Nanoscience have also been created.

Regular industry interface with the initiatives mentioned above - New-age Certifications, Training in advanced cutting-edge topics, industry visits, state of the art laboratories, centres of excellence and institutional partnerships – help our students to become industry ready and self-reliant to tackle challenges and always maintain a solution-driven approach in their careers.

Atria Centre for Management and Entrepreneurship

The management department, Atria Centre for Management and Entrepreneurship, currently offers a two-year MBA program with specializations in Finance, Marketing and Human Resource Management to graduates interested in management studies. The centre follows a mission to Anticipate, Curate, Launch and Deliver industry-oriented programs with innovation and value. Considering the current industry requirements, the teaching pedagogy includes case study-based methods, role plays, scenario analysis and group activities on a regular basis. The cynosure is to develop.

- an ability to create strategies and find solutions to business problems.
- learn practical applications, concepts, and principles.
- Develop analytical skills, critical thinking, and decision-making abilities.

A collaborative learning ethos from academicians and industry is rendered through our advantage courses in the areas of Digital Marketing, Supply Chain Management and Project Management. Also, to clinch the overall development of the student, workshops on soft skills, personality development and presentation skills are conducted.

Atria Business Incubation Centre

To those who want to have their own start-ups, we envisage collaborating with those students to make them entrepreneurs with a vision that is futuristic through our entrepreneurship cell also known as Atria Business Incubation Centre. We offer to empower the idea with industry expertise, technological advice, and financial assistance. We support students to build start-ups.

that can offer solutions to identified significant problems across industries. And align them with exposure to emerging technology, tools and methods for better decision making and ideation.

Overall, it may be said that we do not leave the students to play the “Catch up to industry game”, we prepare them to be ready to play the industry and growth game in all aspects.

Strategic Development Plan Process Methodology

The strategic management process in Atria Institute of Technology follows a well-structured multi-phase approach. Chairman and ADC felt that there is a need to have an updated strategic development plan for the institute in a formal written document format. The mandate was given to the principal to develop a strategic plan 2021-2026 for the institute.

The institution’s leadership team was facilitated with a two days’ workshop on “Strategic leadership for excellence”. The strategic development plan preparation process methodology was discussed and deliberated upon with thorough theoretical conceptual understanding. The management & top leadership team met and brainstormed all stakeholders’ expectations. The Leadership team met many times, deliberated, and arrived at an updated Vision, Mission, Quality policy and Core Values for AIT which is in line with the MHRD NEP.

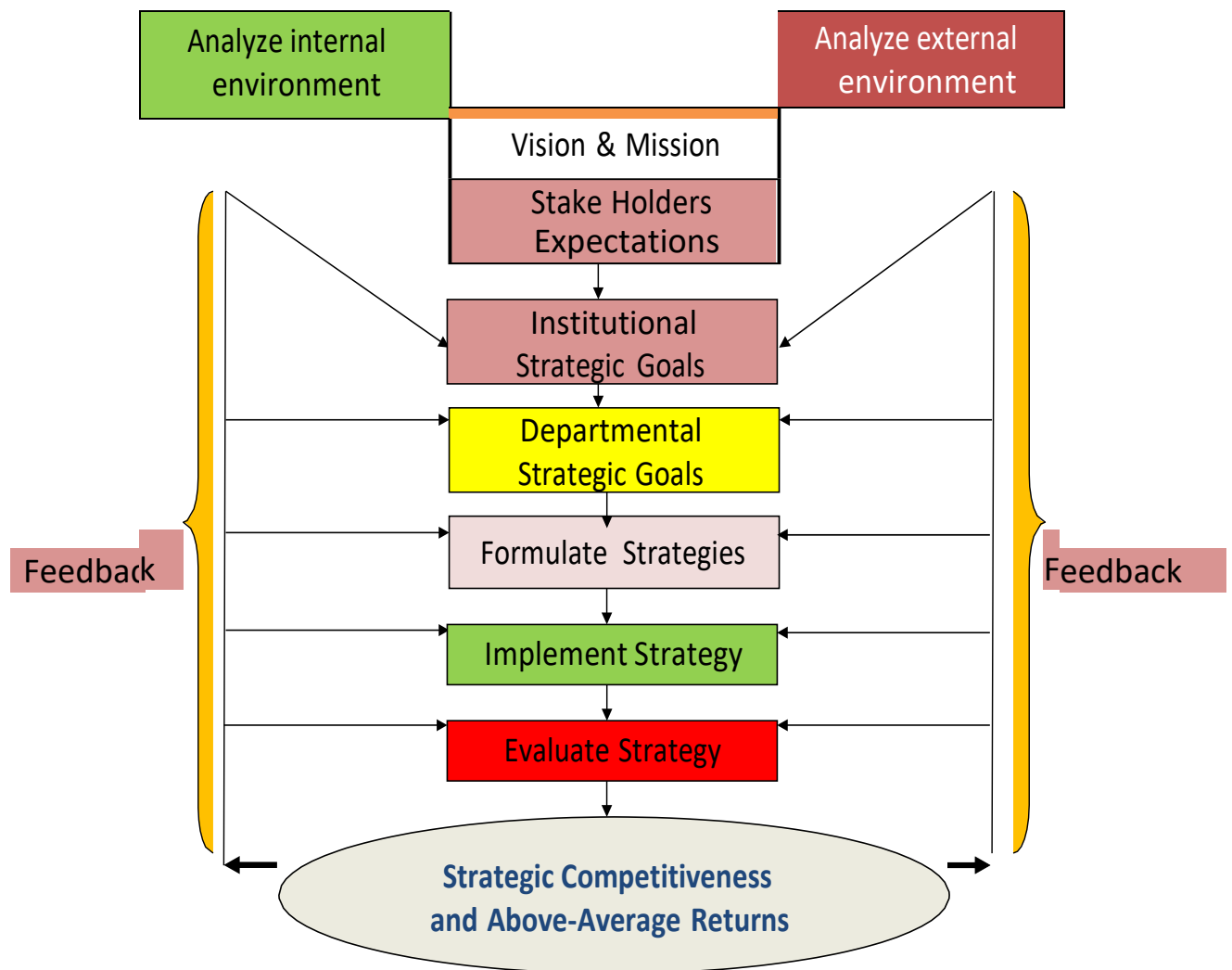
Environment scanning was done keeping the updated Vision in mind. All the senior leadership team met and brainstormed on Institutional strategic /High Level Goals (ISG/HLG) to be achieved by 2025.

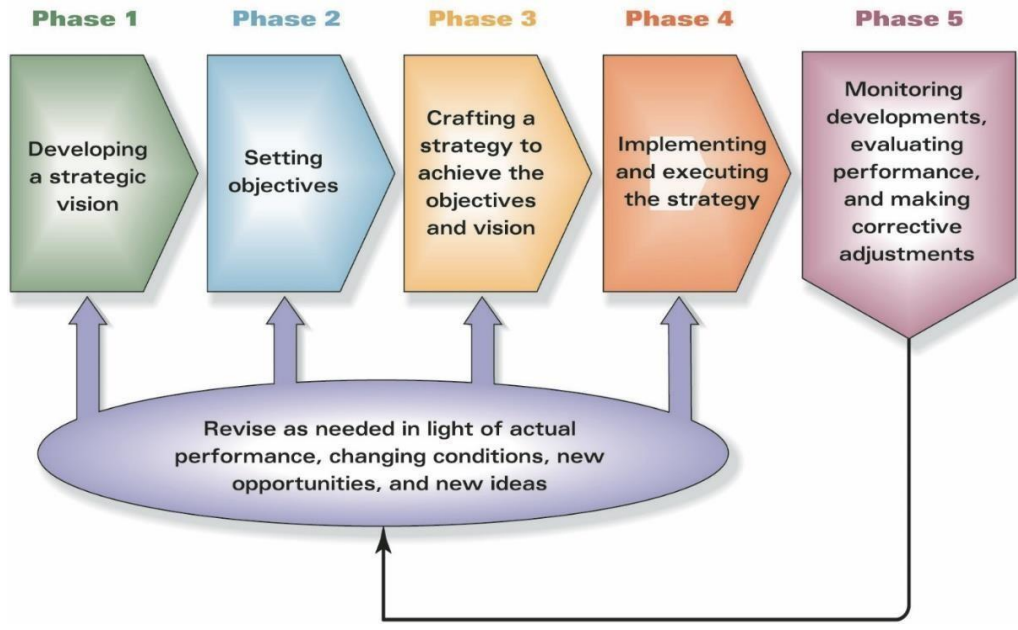
Institutional strategic goals formed the main theme for arriving at strategies. Each Strategy was deliberated, and sub-strategies were arrived towards formulating the implementation plan. Implementation plan worked out all details such as budget, resources needed and the leader responsible to implement with proper timelines.

Departments play a pivotal role for the institution; hence each department has updated their vision, mission, short, mid, and long-term goals. The implementation plan for the departments also reflected all the details of resources needed as well as the leader responsible with timelines.

As a standard measure of evaluation, periodical reviews of the progress will be done by the committee and the progress is submitted to the Board. Course correction and remedial measures will be initiated as necessary to accomplish the strategic goals. The detailed strategic plan development process is depicted in the next set of diagrams.

Strategic Management Framework





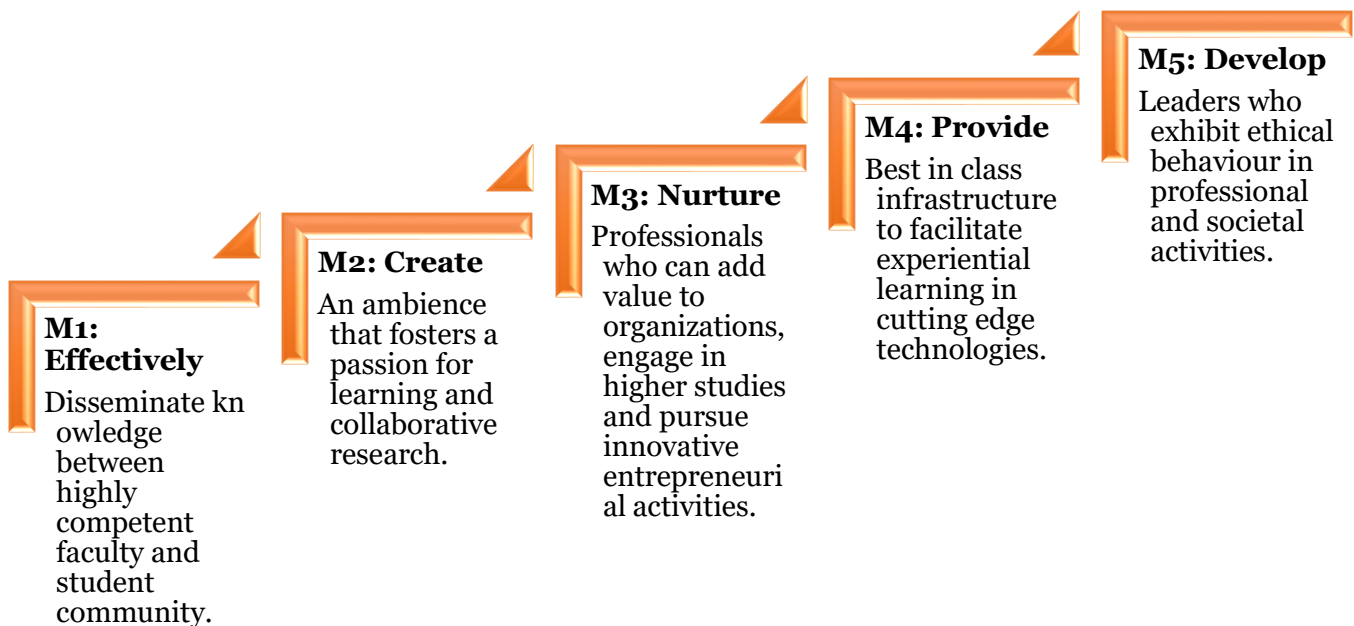
VISION



To be a premier technical and management institution that provides transformational learning and multi-disciplinary research to develop socially conscious and competent professionals.

MISSION

Atria Institute of Technology is committed to:



CORE VALUES



AIT QUALITY POLICY

“Atria Institute of Technology in its quest for excellence continually strives in providing total quality education to exceed stake holder’s expectations”.

AIT - STAKE HOLDERS EXPECTATIONS

The leadership team met, brainstormed, and arrived at the updated stake holder expectations.

Promoters

- Brand Image
- Growth
- Quality education
- Self-Sustainability

Leadership Team (Principal/Deans/HoDs)

- Academic excellence
- Transparency in Administration
- Committed & Competent faculty /Staff
- Focus on Research and incubation centre

Faculty & Staff

- Good Compensation & Benefits
- Conducive work environment
- Career growth
- Attract talented students
- Rewards and Recognition

Students

- ☐ State of the art infrastructure
- Best Faculty - teaching – Learning
- ☐ Placements
- ☐ Personality Development

Parents

- Brand image of the institution
- Infrastructure facilities
- Training & Placement
- Safe and conducive learning environment

Industry

- Competent Professionals
- Ethics and Integrity
- Skilled professionals to enhance their Organisation growth

Society

- Socially Responsible Professionals
- Law abiding citizens
- Ethics in Profession

Internal Environment Analysis

A. SWOC OF THE INSTITUTION

Strength

1. Visionary, committed, financially sound and forward-thinking management.
2. Located in the heart of the city.
3. ICT enabled classrooms, state-of-art labs, and digital library facility.
4. Wi-Fi enabled campus with high-speed Intranet.
5. Highly qualified, experienced and committed faculty.
6. Laptops are provided for all the teaching faculty for better teaching – learning.
7. Eight Research Centers and Ten Centers of Excellence for research and publications.
8. MoUs with leading Institutions and Industries for research and skill development.
9. Digitalized Teaching – Learning and administration.
10. Scholarships for meritorious students.
11. Effective induction and industry readiness training programs from year one.
12. Student centric learning with strong student support system.
13. Consistently organizing seminars, workshops, webinars, and certification programs.
14. Supportive of sustainable development goals through multiple initiatives.
15. Well-connected alumni network for peer-to-peer learning, internships and placements.

Weakness

1. Imbibe research culture among all the faculty and students.
2. Strengthen funded projects, research, patents and consultancy.
3. Publication in Q1 Journals.
4. Regularly organize National and International conferences.
5. Attract better ranking students.
6. Consistently secure University ranks.

Opportunities

1. Work towards Tier 1 status with good grade of accreditation and ranking.
2. Autonomous status for better academic freedom and flexibility.
3. Implementation of NEP 2020 policy.
4. Increased number of skill development, training, and certification programs for better placements.
5. MoUs with foreign universities and MNCs.
6. Encouraging faculty for major research funded projects in emerging areas.

Challenges

1. Growing competition for Foreign, Deemed and State Private Universities.
2. Evolving educational ecosystem and fast changing technologies.
3. Encourage more techno-entrepreneurs.
4. Complete implementation of NEP -2020 in the present scenario.
5. Attracting PG and research students for technology areas.
6. Retention of faculty.
7. A blended mode of teaching and learning impacts hands – on training quality.

B. Critical Success Factors analysis

The analysis has been carried out and discussed at length and the following factors have been identified.

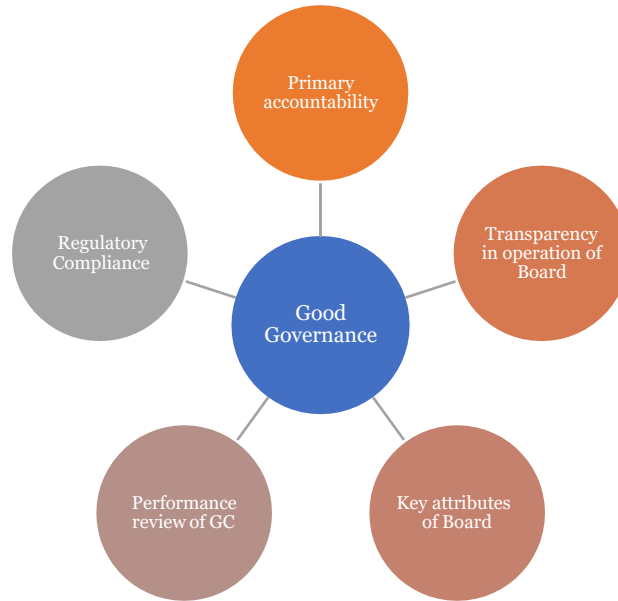
- a. Transparent Governance and Administration
- b. Innovative Teaching- Learning Process
- c. Focus on Research and Innovation with a separate Incubation Centre
- d. Attraction & retention of best faculty
- e. State of the art infrastructure
- f. Industry- institute interface collaboration

INSTITUTIONAL STRATEGIC GOALS (ISG)

The Institution's leadership team re-visited vision, mission, quality policy, core values, environmental factors, and SWOT analysis. The following high level /institutional strategic goals (HLG /ISG) have been redefined.



ISG-1 Good Governance and Administration



Primary accountabilities of Governing Council

- i. Vision, Mission and Long-term strategic plan approval
- ii. Financial sustainability
- iii. Quality assurance
- iv. Monitoring Head of institution's performance

Transparency in the operation of Governing Council

- v. Annual report
- vi. Public disclosure of Members interest of Governing Council
- vii. Sharing of Institutional activities & information to all Stake holders

Key attributes of Governing Council

- viii. Board members should be competent & able enough to carry out primary accountabilities.
- ix. Rigorous recruitment process of GC members
- x. Independent members active involvement
- xi. Appointment of Head of the institution and other key positions
- xii. Performance monitoring & review of Key positions

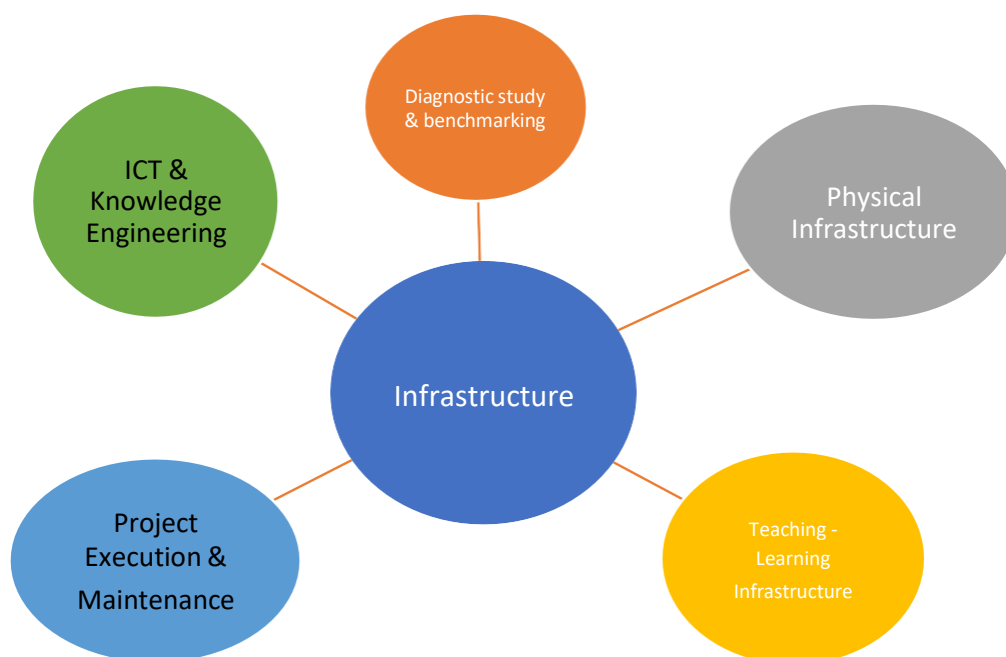
Effectiveness and performance review of GC

- xiii. Performance review of GC
- xiv. Induction of new GC members

Regulatory Compliance

- xv. Regulatory compliance audit by GC
- xvi. Audit of Institutional social service (not for profit) by GC
- xvii. Accreditation status from various agencies

ISG-2 State of the Art Infrastructure



Diagnostic Study & Benchmarking

- Conduct diagnostic study of the existing facilities
- Benchmark infrastructure with best institutions
- Prepare estimate demand forecast and need analysis
- Budget estimate and Budget approval from top management

Physical Infrastructure

- Classrooms, Labs, Auditorium, Seminar halls, Placement /discussion rooms
- Admin Blocks, HODs room and Staff room with cubical
- Canteen, Hostels and Sports (indoor & outdoor) facility

Teaching – Learning Infrastructure

- Classrooms with LCD/SMART boards facility
- Hi tech Laboratory equipment
- Digital Library

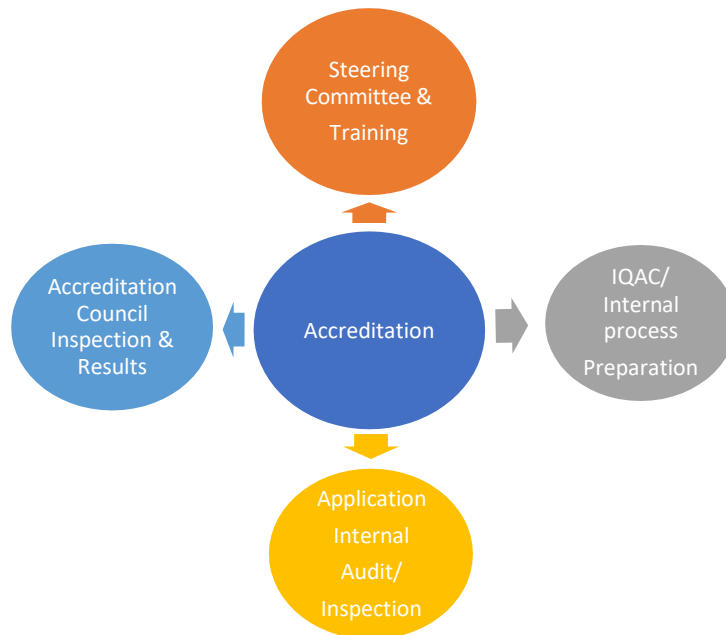
Project Execution & Maintenance

- Project execution as per timelines
- Real time utilization by the users and return on investment
- Annual maintenance and maintenance team in place

ICT & Knowledge Engineering Infrastructure

- Access to E-learning resources
- NPTEL, VTU and other university resources
- High speed Internet
- Video conferencing
- Moodle LMS
- Digital classrooms

ISG-3 Accreditation NAAC/NBA



Steering Committee & Training

- Steering Committee selection
- Training on accreditation process

IQAC and Internal Process preparation

- IQAC formation and setting up internal quality processes
- Internal auditors and their training
- Internal audit of all departments and self-assessment report
- Improvements on observations by internal audit team

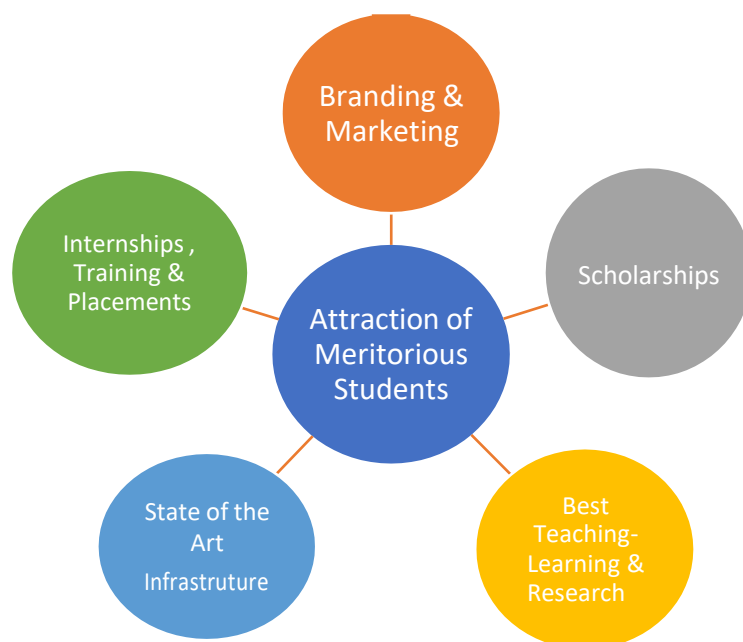
Application to Accreditation Council, Internal Audit

- Application to Accreditation Council with Self report
- Final internal audit of all departments and remedial measures

Accreditation Council Inspection and Results

- Accreditation Council inspection
- Results of the inspection and further actions

ISG -4 Attraction of Talented Students



Branding & Marketing

- Responsive website with interactive facility with a Chatbot
- Active Social Media presence
- Marketing strategy /team for identifying talented students and filling management quota seats at the earliest.

- Outreach activities to attract PU students and Graduate students for the PG programs

Scholarships /Fee waiver

- Fee waiver at the time of admission based on CET rank
- Scholarships during semester/year wise based on performance
- Assistance in availing Govt. scholarships
- Sports & extra-curricular achievements recognition

Best Teaching-Learning and Research

- Student friendly centric academic ambience with wi-fi facility
- Competent faculty and their credentials on website
- Academic results and past achievements
- State-of-the-art Library with digital / online learning access

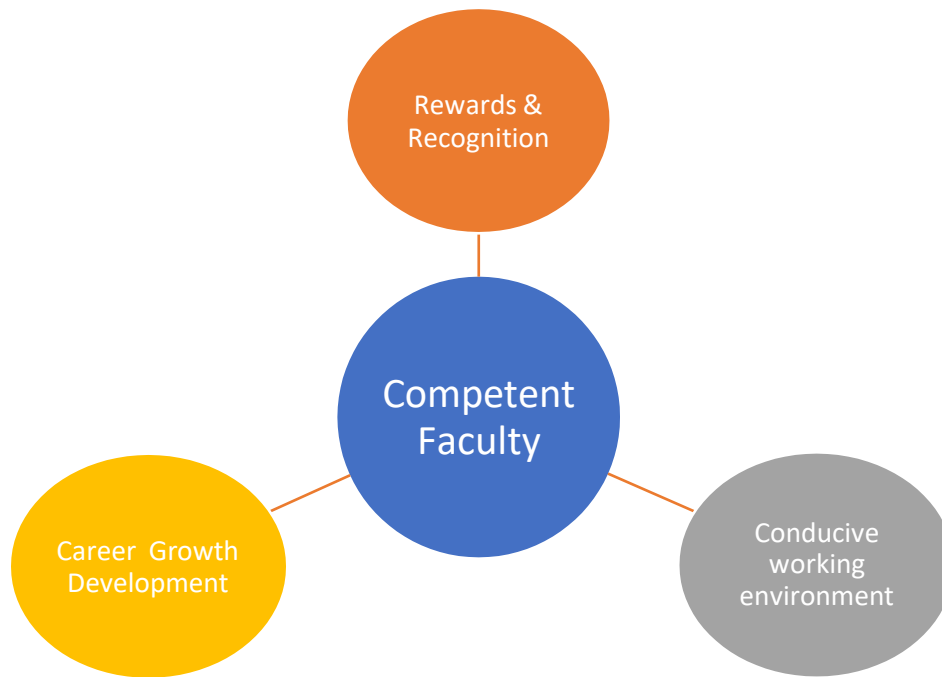
State of the Art infrastructure

- Best model classrooms, laboratory facilities with high-speed internet
- Best-in-class infrastructure for indoor and outdoor games / sports
- Hobby / professional clubs
- Good hostel facility

Placements & Internships

- History of past placements and internships database display
- Database of visiting companies for placement
- Placement training & development process
- Vibrant Alumni Association

ISG- 5 Attraction, Development & Retention of Competent Faculty



Attractive Pay Scales. Rewards & Recognitions

- Merit Based hiring and HR policy
- Attractive salary & benefits (rewards & recognition) for all cadres
- Group Insurance for Faculty

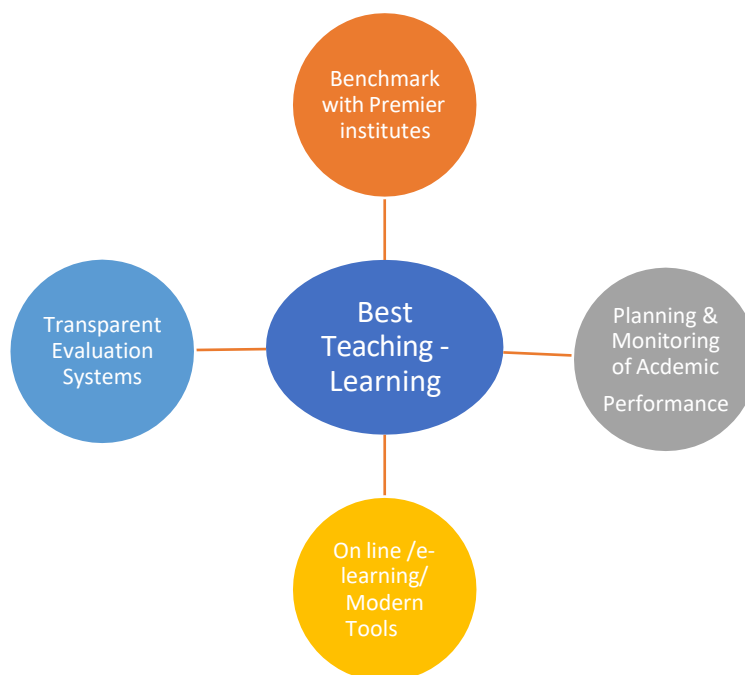
Conducive working environment

- Vibrant work ambience
- Online access to Library- journals 24X7 hours

Career growth & Development

- Study Leave/Sabbatical for higher education
- Sponsorship to participate in national /international conferences.
- Deputation to Industry / premier national /international universities
- Research, consultancy facilities and publication recognition

ISG – 6 Best Teaching, Learning and Evaluation Systems



Benchmark with Premier Institutes

- Constitute academic committee to visit premier institutes for benchmarking
- Implement suggested improvements and best practices based on gaps

Planning & Monitoring Academic performance

- Deans/HODs to plan lesson /session and academic calendar
- Monitor each faculty performance /appraisal at regular intervals
- Identify difficult subjects supplement with expert teachers/guest lectures

Usage of Online/ E-learning/ Modern tools (Outcome based education)

- Establish e-learning, digital library, online journals access
- Learning beyond syllabus -Value added courses implementation
- Real time projects practice /simulation

Transparent Evaluation Systems

- Define and communicate Assessment /evaluation methods (Rubrics)

- Faculty training and implementation of transparent evaluation systems

ISG – 7 Research & Development



R&D Infrastructure and Teams

- Management commitment /Budget allocation towards R&D
- Establishing state of the art R&D labs
- Dedicated full time R&D researchers - Research scholars –Scholarships
- Rewards and Recognition policy

Fund raising for R&D projects

- Identification of potential funding agencies
- Training on project proposal preparation & documentation
- Fund raising through Quality Project proposals submission to Government/Industries Directly or in association with premier institutions.

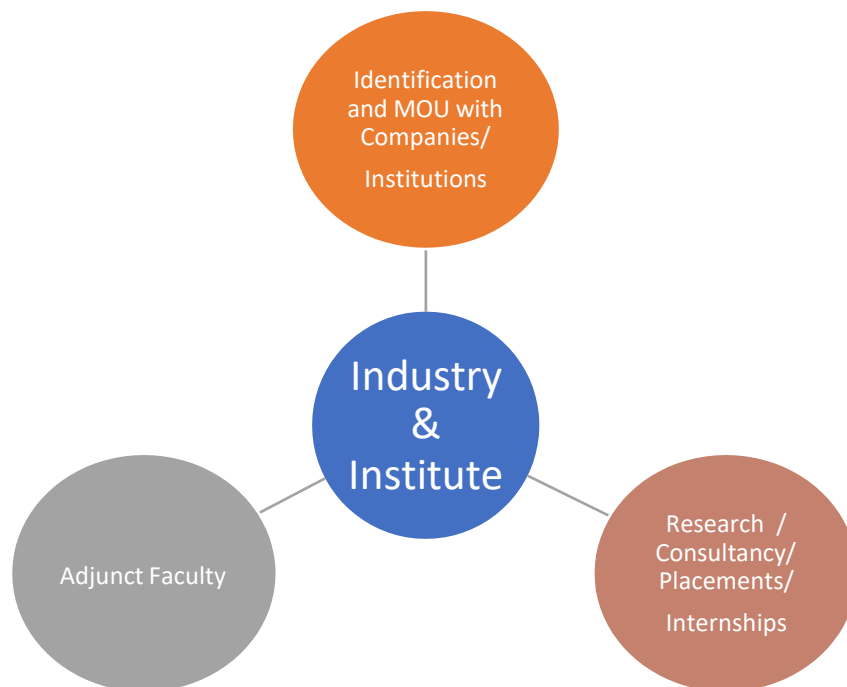
MOU with premier institutes /R&D labs

- MOUs with reputed R&D institutions/ organizations
- Industry /International MOUs

Incubation Centre /New Product Development

- Identification of innovation focus areas for ABIC (Atria Business Incubation Centre)
- Focus on patent filing of innovation's developed at the institute
- IPR cell in association with KSCST

ISG-8 Industry and Institution Collaboration



Identification and MOUs with Industry and Institutions

- Identifying Industry/Institutions of synergy department wise
- Entering MoUs and relationship management
- Active collaboration within the ambit of the MoU

Research / Consultancy/ Placements /Internships

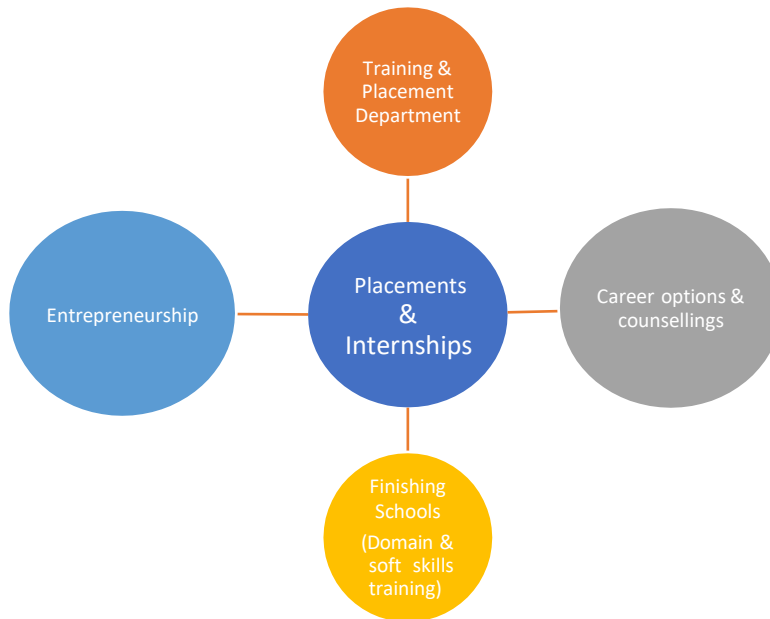
- Explore the areas of research/consultancy/placements /internships
- MoU policy and relationship management
- Research/ internships projects implementation
- Consultancy projects execution /revenue generation
- Invite senior executives of companies for interaction

- Setting up Centres of Excellence with Industry funding

Adjunct Faculty

- Deliver Lecture to promote the recent trends by faculty from industry
- Enhance the capabilities/facilities in incubation center.
- Guide/Mentor for research/industry funded projects.
- Develop and test proof of concept/prototypes.

ISG-9 Placements and Internships



Training & Placement Department

- Full-fledged department with dedicated team
- Good infrastructure (video conferencing facilities)
- Identification of various industries/companies' data base department wise
- MOU with potential job opportunity industries/companies

Career options & counselling

- Awareness training on whole set of career avenues during first year/second year
- Aptitude diagnostics and career matching with Counselling support centre
- Programme on Internships/industry projects opportunities

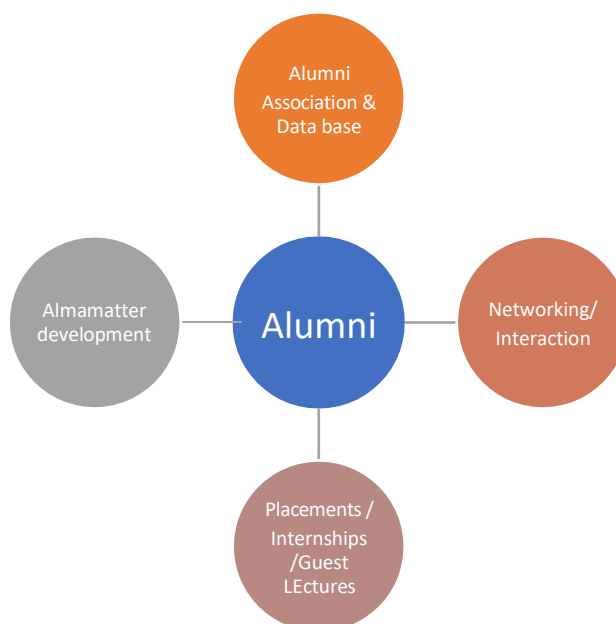
Finishing Schools (Domain & soft skills training)

- Domain specific skills - Value added courses
- Soft skills requirement identification and training (Mockup interviews)
- Explore possibility of imparting foreign languages through franchise
- Awareness Training /Coaching facilitation for all competitive exams through franchise

Entrepreneurship

- Identify interested students for entrepreneurship
- Training /projects on entrepreneurship (Invite successful entrepreneurs for interaction)
- Encourage and mentor students to write innovative project proposals.
- Peer to peer learning with seniors guiding the junior students write project proposals

ISG-10 Alumni Association



Alumni Association /Data base

- Alumni association registration/office set up
- Web enabled registration, access & interaction

Networking/Interaction

- Updating the website with Alumni Events & Activities
- Alumni day celebrations
- Alumni professional movement tracking /birthdays/anniversaries

Placements /Internships

- Identify and leveraging alumni contacts
- Leverage Alumni for internships/placements

Alma matter development

- Invite them for guest lecturers/expert talks
- Share the opportunities for alumni contribution/donation

ISG – 11 Social Service



Village adoption

- Identify nearby villages for adoption
- Unnat Bharat Abhiyan grant received and 5 Villages are adopted in Gowribidanur Taluk, Chikkabalapur district.
- Explore areas of support/Swach Bharat Campaign

Vocational training

- Identify the job-oriented courses as per local needs such as Microsoft Office and Scratch Programming.
- Provide vocational training at the institute under UBA

Health and Hygiene support

- Organise blood donation camps
- Conducting health-dental / hygiene awareness camps through NSS
- Organized RT-PCR tests and vaccination camps during COVID pandemic

Financial Assistance

- Financial support to the needy rural children
- Scholarships/Fee waiver for economically backward children

ISG – 12 Incubation & Entrepreneurship

We have established the state-of-the-art Incubation Centre within the college campus. We offer to empower the idea with industry expertise, technological advice, and financial assistance. We support students to build start-ups that can offer solutions to identified significant problems across industries and align them with an exposure to emerging technology, tools and methods for better decision making and ideation.

Incubation Centre

Location and Space

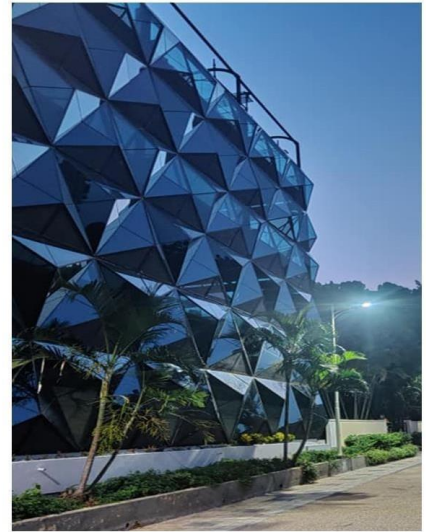
Atria Institute of Technology. Adjacent to Bangalore Baptist Hospital,
Hebbal, Bangalore - 560024



Infrastructure Philosophy



- **Green Air Conditioning** – the incubation center uses a method of natural ventilation. This is achieved with a clever system of air pockets, which drive natural ventilation through convection thereby regulating the temperature using outside air.
- **Natural Lighting** - Numerous studies have shown that natural light in office spaces improves worker satisfaction and productivity. We have incorporated glass panels throughout the infrastructure to create a welcoming environment with bright spaces filled with abundant natural light.
- **Humans have an innate desire to be connected with nature - 'Biophilia'**. We highlight ecology by incorporating Ayurvedic plants on all floors, cultivated using Hydroponics.



✚ *The goal of our incubator is to help nascent companies - by providing resources, access to industry mentors, interactions with other entrepreneurs and perhaps most importantly, patient capital, to get through the survival stage. In a market where 90 percent of startups fail, incubators can play a key role in growing the number of sustainable businesses. While the journey for these investment programs has been relatively smooth sailing so far, the next few years will be critical.*

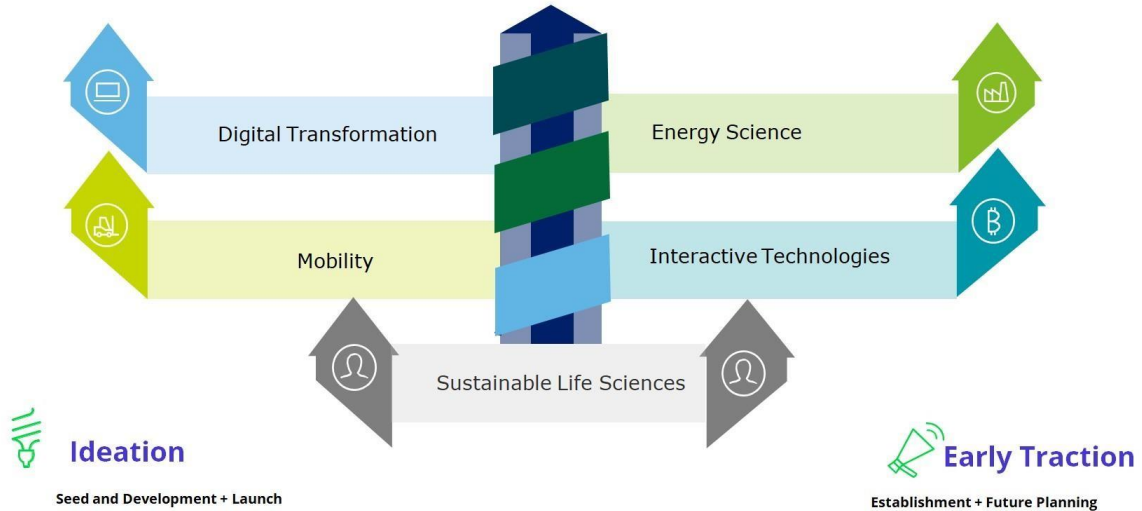
✚ **Atria Incubation Centre - Value Proposition - A true amalgamation of Academia, Startups, Businesses**

- Prominent central location
- Large business group supporting entrepreneurship with their own solid track record of business activities
- Clear set of Innovation Focus areas with a flexibility to accommodate any ingenious ideas
- Ready availability of skilled interns with an Engineering or MBA background
- Supported by strong Industry Mentors, Advisors and Research Faculty
- Provides ready access to Funding agencies
- Full set of Incubation Services through service Provider tie-ups in areas like Marketing, Legal, Accounting and Patenting, among others.

Innovation-Areas of Focus (AIT)



Atria Incubation Center aims to create a world class innovation hub with a major focus on the following areas




Validation of the idea. Market analysis; competitor analysis. After canvassing the business idea, it's time to make it official and launch the start up.

After the incubates have a steady product, it's time to look at the bigger picture i.e. entering the market dealing with competition, expanding the workforce.

Department of Computer Science & Engineering

About the Department:

CS & E plays an all-pervasive role in the application of technological advances to varied disciplines in Engineering, Sciences, and Humanities. Graduating students have an opportunity to imbibe the theoretical foundations of computing, along with the practical tools and technologies applied across disciplines and industries. This program aims to suitably equip the students and expose them to the emerging trends and techniques. Graduating students go on to exciting careers in coveted companies or pursue higher studies/research in prestigious institutions in India and abroad.

 **VISION:** To be a model center for education and higher learning to meet the computing challenges of the industrial demands, research, encourage interdisciplinary learning to meet societal needs.

 **MISSION:**

- Empower the graduates with the fundamentals in design and implementation of computational systems through curriculum and research in collaboration with industries and institutes of repute.
- To develop a state-of-the-art infrastructure and create ambience for education capable of interdisciplinary research and skill enhancement.
- To nurture faculty who have academic and industry exposure, impart domain knowledge, and position our students in the global IT ecosystem.
- To carry out professional brilliance with ethical and moral standards.

Program Educational Objectives

- To instill the ability to theoretically formulate and analyze problems in computing and Information processing with a sound foundation in the mathematical, engineering, and software/ hardware fundamentals.
- To develop an ability to analyze the requirements and technical specifications of software to articulate novel engineering solutions for an efficient product design.

- To use evolving technologies, analytical thinking, and design to address contemporary issues and an aptitude to solve problems using efficient algorithms and data structures.
- To work effectively on multidisciplinary teams to achieve project objectives and engage in lifelong learning to enhance their professional capabilities.

Short Term Goals: To submit pre-qualifier and SAR for NBA and obtain NBA.

Midterm Goals: To make the department and college at whole, visible for NIRF and ARIIA Ranking.

Long Term Strategic Goals: To be well – known in Bangalore and Karnataka for the excellence of BIG DATA AND RPA LAB.

Key Achievements: (of last 3 years)

1. Established MoU with Govt. Organizations like KVAFSU (Karnataka Veterinary, Animal and Fisheries sciences University) and KSRSAC (Karnataka State Remote Sensing Applications center) for Projects and Internships at CLOUD COMPUTING & BIG DATA LAB.
2. Established MoU with AAU (Automation Anywhere University for RPA – Robotic Process Automation), EDII – Entrepreneurship Development Institute of India and Huawei Technologies to name a few.
3. Received Grants from KSCST for THREE CONSECUTIVE YEARS to celebrate NATIONAL SCIENCE DAY & NATIONAL MATHEMATICS DAY, an amount of Rs. 85,000/-. Received grants from KSCST and VTU Financial assistance for Student Projects, sum of Rs. 15,000/- Received grants from Government of India towards UBA – Unnat Bharat Abhiyan a sum of Rs. 5 Lakhs.
4. Received Grants from EDII to conduct Entrepreneurship Awareness Camp, sum of Rs. 20,000/-
5. Received Grants from AICTE Under SPICES Proposal, Sum of Rs. 1 Lakh, with Dr. Aishwarya as the Principal Investigator(PI).

Department of Information Science and Engineering

About the Department:

Department of Information Science and Engineering (ISE) at Atria Institute of Technology was established in the year 2000. The department offers Bachelor of Engineering (B.E) Programme through VTU. The areas of specialization in the department are: Wireless Sensor Networks, Big Data Analytics, Image Processing, Software Engineering and Cloud computing. The Department of Information Science and Engineering has 17 faculty with 2 Doctorates and 6 perusing PhD in reputed universities. The department maintains faculty student ratio of 1:18 for UG programs.

The Department also has a reputed research center recognized by VTU. Well qualified and eminent faculty members are guiding PhD scholars in advanced areas of Information Sciences. The research center is actively involved in current areas of information technology presenting papers at conferences which are widely published in international and national journals and conferences thereby producing research outputs of international standard. Regular technical talks and seminars/workshops are being conducted for both faculty and students.

The department has Memorandum of Understanding with Companies like Infosys, Clevertiz, Brain O Vision, AI-Bharath etc. The faculty members are associated with Professional bodies such as CSI etc. The industry relationship helps us frame the course curriculum in accordance with industry expectation and standards. Department publishes a newsletter by name, which showcases the activities of the department along with the achievements of students and faculty.

The Department has an excellent placement track record with companies like Phonepe, Microsoft, Infosys, Mentor Graphics, HashedIn, Mindtree, Eurofins, Capgemini, Nineleaps etc. Internship opportunities are provided for final year and pre-final year students to carry out projects. The department has a prestigious alumni list who are entrepreneurs, have scored very high ranks in public service examinations, secured admission in prestigious institutes of higher studies, as well as holding senior positions in reputed Private, Government and multinational corporations. A large number of alumni are pursuing higher studies/research in India as well as abroad in reputed universities like Carnegie Mellon, Georgia Technological University, Arizona State University, University of Southern California etc.,

VISION:

To develop competent professionals with strong fundamentals in Information Science and Engineering, interdisciplinary research, and ethical values for the betterment of the society.

MISSION:

- To establish a transformational learning ambience with good infrastructure facilities to impart knowledge and the necessary skill set to produce competent professionals.
- To create a new generation of engineers who excel in their career with leadership/entrepreneur qualities.
- To promote sustained research and innovation with an emphasis on ethical values.

Program Educational Objectives

- To expertise in problem analysis, solving, design, development and necessary information to meet technical and managerial challenges.
- To pursue interdisciplinary research and higher studies with profound knowledge enriched with academics and information technology skills.
- To excel in competitive environment towards leadership and life-long learning for a successful professional career.

Short Term Goals:

- To organize events through professional societies
- To improve the placements to ensure that all the eligible students get placed
- To sign minimum of one MoU with IT Industry for an academic year
- To motivate the students to develop social significant projects (Minimum 2) every year

Midterm Goals:

- To conduct one international conference in every two years.
- To ensure 100% placements for all students.
- To ensure 50% students to secure distinction.

Long Term Strategic Goals:

- To conduct one international conference and publish the papers in a reputed journal
- To establish Center of Excellence lab through MoU
- To setup minimum 5 abroad University tie-up program.
- To get minimum 2 patent for best projects

Key Achievements:

- Got 5 Lakh Grant under VGST RTTF for the project titled “Arduino Board based heart attack prediction using PPG sensor” in the year 2016-2017.
- Secured First place in state level project exhibition conducted by KSCST in the year 2017-18. Title: IoT Based Facial Recognition Door Access Control Security Using Rasperry Pi3 Through Image Processing Algorithm.
- Two faculties named Srinivas B V and Uzma Sulthana cleared UGC-NET in the year 2019

Department of Civil Engineering

About the Department:

The Department of Civil Engineering at the Atria Institute of Technology Bangalore is considered as the best for education in Civil Engineering. It was established in 2009 and present intake for the undergraduate program is 120. It is affiliated to Visvesvaraya Technological University (VTU) Belagavi. The department offers a four-year course leading to the bachelor's degree in Civil Engineering. The department has justifiably proved itself on the quality of its academic programmes and is keeping pace with the latest developments in engineering education. The department has recognized research centre and received many grants for student's projects under KSCST, government of Karnataka. The faculty of the department continues to strive loftier by exploring new frontiers of knowledge, imparting the latest technical knowledge to the students, and conducting high quality of research. As per the vision and mission, our aim is to deliver the best to our students, to the society and the nation. The department has strong focus in the research areas of Structural Engineering, Environmental and Water Resources Engineering. Students are encouraged to participate in extra-curricular and co-curricular activities. Industry Institute interaction is nurtured by organizing and coordinating frequent Industrial Visits, Expert Lectures, Seminars. Reputed companies like BREMER, GEODESIC recruit students from the department.

VISION

Impart knowledge and excellence in Civil engineering field by providing quality technical education, promoting interdisciplinary research, social responsibility and ethical values.

MISSION:

- The department is dedicated to providing a continuous learning environment that emphasizes problem-solving skills, communication, and leadership qualities.
- Encourage students to involve in research activities with the guidance of faculty members.
- To inculcate professional ethics, environmental consciousness, and social responsibility in students.

Short Term Goals: (in next 1 year)

- To keep faculty members abreast with the latest trends and developments in research, technology, and teaching methodologies.
- To motivate the faculty to remain exposed to the latest technologies.
- To arrange Special classes for rural students for improving their communication skills.

Midterm Goals: (in next 2 years)

- At least 50% of the students should graduate with Distinction/Honors in all branches.
- Achieving better university scores say 100% in non- critical subject and 95% in critical subjects
- Achieving the right cut-off marks for entering department through CET

Long Term Strategic Goals: (in next 5 years)

- To build & promote teams of experts in the upcoming specializations.
- To promote quality research and undertake research projects keeping in view their relevance to needs and requirements of technology in local industry.
- To enhance testing & consultancy facilities to various Government, Semi Government, and private Organizations with a view to enhance additional resources; , to stay updated with the latest trends of the profession.
- To achieve total financial independence.
- To open new courses in UG and PG in the emerging fields through Accreditations

Key Achievements: (of last 3 years):

2018 - 2019

1. The department has received a funding of 6000.00/- for its research project titled “Improving Indoor thermal efficiency through utilizing wastes by passive techniques” by Prof Abhilash B L, from KSCST - 42nd Series of Student Project Programme: 2018-19.
2. The department has published 7 research papers in reputed international journals.

3. The department has also presented one research paper in national conference.

2019 - 2020

1. The department has received a grants of 5500.00/- for its research project titled “Absorption of Lead and Arsenic by Groundnut Shell” by Prof Krithika Sharma, got selected for KSCST - 43rd Series of Student Project Programme: 2019-20.
2. Prof Athiyamaan V Awarded PhD for the research work “Experimental and Analytical Study of SCC with Micro Steel Fibre”, Under Dr. G. Mohan Ganesh, on 29 November 2019, from Vellore Institute of Technology, Chennai, Tamil Nadu
3. Prof Rahul Dandautiya Awarded PhD for the research work “Exploring immobilization potential of heavy metals in fly ash and copper tailings and their sustainable utilization using life cycle assessment” Under Prof. Ajith Prathap Singh on 23 December 2019, BITS Pilani, Rajasthan.
4. The department has published 11 research papers in reputed international journals.

2020 - 2021

1. “Light transmitting concrete/masonry blocks” Project by Prof Karthik J Got Funding of 5,000/- by DALMIA CEMENT
2. “Drafting & Design of Green & Efficient Buildings” Project by Prof Karthik J Got Funding of 5,000/- by Design world
3. “Removal of Nitrate from Groundwater using Low-Cost Treatment System” Project by Dr H.J. Surendra Got Funding of 5,000/- by FAER McAfee Scholar Awards 2020-21.
4. Experimental analysis of plastic bricks Project by Prof Nagasubramaniam G Got Funding of 5,000/- by VTU
5. Purification of water by using natural elements Project by Dr. Rahul Dandautiya Got Funding of 5,000/- by VTU
6. Dr H.J. Surendra Honored by Builders Association of India, Mysore Center on the event Build Tech 2020.
7. The department has published 6 research papers in reputed international journals
8. Prof Ashwini B T invited as a Guest Speaker 1. Speaker on 23 Jan 2021, AICTE Sponsored One Week STTP from 18 to 23 January 2021, conducted by Dr. N.G.P Institute of Technology, Coimbatore, India. Topic: Utilization of E -Waste in Construction Industry.

Department of Mechanical Engineering

About the Department

Ever since the industrial revolution, the conceptualization and design, manufacturing and deployment of machines, tools, and gadgets have signaled the technological progress of mankind. The Mechanical Engineering department aims to impart students a solid foundation in machine drawing and design, kinematics, thermodynamics, manufacturing processes and related domains. Graduating students have excellent opportunities to build a career in discrete and process manufacturing industry and research - in automotive, domestic, and agricultural equipment's, aerospace, heavy machinery, pharmaceutical and chemical process plants, and power generation to name few.

The Mechanical Engineering Department at Atria Institute of Technology was established in 2009. Ever since its inception, the department has inculcated the importance of pedagogy with the denouement being the emergence of competent engineers in the mechanical domain. Over the last 4 years, the department has matured into a research center par excellence. Faculty from different parts of the world, with variegated specializations, have been diligently put together such that both pedagogy and research have emerged as inter-disciplinary verticals.

Boasting of an esoteric faculty group the department has evolved as the hub of cutting-edge research. The major research themes consisting of Computational Mechanics, Additive & Digital Manufacturing and Nano Technology, together reflect the department's focus. The faculty of the department has developed good number of publications in top-notch journals. They have also been successful in obtaining patents with the United States Patent & Trademark Office.

Vision

To be a Centre of Excellence in Mechanical Engineering Education and Interdisciplinary Research to confront real world societal problems with professional ethics.

Mission

1. To push the frontiers of pedagogy amongst the students and develop new paradigms in research.
2. To develop products, processes, and technologies for the benefit of the society in collaboration with industry and commerce.

3. To mold the young minds and build a comprehensive personality by nurturing strong professionals with human ethics through interaction with faculty, alumni, and experts from academia/industry.

Short term goals (one year):

1. Student enrolment into NPTEL/ coursera courses.
2. Industry institute interaction.
3. Hand-on training for students.

Mid-term Goals:

1. Conduction of FDPs/Conferences /Workshops.
2. Registration of faculty to PhD programs.
3. Educate faculty members for research and publications.

Long-term Goals:

1. Introduce object-oriented learning to the students.
2. Collaboration with industry and premier institutes.
3. Improve infrastructure of the department to facilitate research productivity focusing on center of excellence.

Key Achievements:

1. Established center of excellence in metal additive manufacturing.
2. Published research papers in high impact factor journals.
3. Recognized as national collaborator to the Indian Institute of Science (IISc).
4. Established research collaborations with IIT Tirupati, IIT Jammu and IIT Madras.
5. Established collaborations with CMTI, GTRE and premier establishments/ institutes.

Department of Electronics & Communications Engineering

About the Department:

The Department of Electronics and Communication Engineering (ECE) was established in the year 2000. The ECE is at the core of every new advancement and deployment of information technology in lifestyle and business. ECE is the most versatile and comprehensive engineering discipline covering core electronics technology, devices, communication and computing networks, and the integration of all of these into easy-to-use gadgets, machines, and services. The department is equipped with adequate classrooms, department library, student waiting rooms, seminar hall and conference hall. Great strides in achieving technical excellence and has won noted acclaim for its exemplary standards in all fields.

The department of Electronics and communication has well qualified faculty members with an intake of 180 students and it offers subjects relevant to current industrial needs. Students have a wide career opportunity in industry, research, services; or they can launch their start-ups (Atria Business Incubation Centre opportunity). The department has a close networking relationship with professional bodies such as AICTE, IETE, ISTE, IEEE, IEI, DST and experts from leading institution to excel their knowledge to department students in the various emerging fields of electronics and communication engineering. Students have a wide career opportunity in industry, research, services. In the future, the department plans to extend its research into new areas like Biomedical Signal and Image Processing and Smart Devices. Learn and be equipped for a career in the Interdisciplinary Digital Economy of tomorrow incorporating in-demand skills like the Internet of Things (IoT), Artificial Intelligence (AI), Machine Learning (ML), Robotics, Very Large-Scale Integrated Devices, Nano Electronics, Wireless Networks etc.

1. Name of the Programme:

- a. Bachelor's in Engineering, in Electronics and Communication Engineering
- b. Master's in Technology, in Digital Electronics & Communication

2. Established in the year: 2000

- a. B.E. Intake: 180
- b. MTech Intake: 09

VISION

To become a pioneer in developing competent professionals with societal and ethical values through transformational learning and interdisciplinary research in the field of Electronics and Communication Engineering.

MISSION

The department of Electronics and Communication is committed to:

M1: Offer quality technical education through experiential learning to produce competent engineering professionals.

M2: Encourage a culture of innovation and multidisciplinary research in collaboration with industries/universities.

M3: Develop interpersonal, intrapersonal, entrepreneurial and communication skills among students to enhance their employability.

M4: Create a congenial environment for the faculty and students to achieve their desired goals and to serve society by upholding ethical values.

Short Term Goals: (in next 1 year)

1. NBA Accreditation: Target for 03 Years
2. Increase in pass percentages and student's progression.
3. Introduction of virtual labs for filling the gaps of VTU syllabus.
4. Focussing on more Pre-placement offers through internships.
5. Guidance for higher studies entrance exams – GATE, GRE, GMAT, CAT, TOEFL, IELTS etc.
6. Encouraging students for entrepreneurship.

7. Target 100% campus placement for eligible students.
8. Regular utilization of online MOOCs courses Like NPTEL/SWAYAM/ Coursera etc.
9. Strengthening alumni relationship.
10. Encouraging faculties for outside world interaction.

Midterm Goals: (in next 2 years)

1. Branding of the department at national level.
2. College/Students Ranks in VTU.
3. Students' participation and recognition in various technical and nontechnical competitions at national and international level.
4. Outreach activities and their implementation like Free/Libre and Open-Source Software for Education (FOOSSEE) models.
5. Strengthen industry-academia interaction for skill enhancement.
6. Effective implementation of various domains/clusters identified in the department.
7. Research centers collaboration with industries and R&D organizations.
8. National/International conference in association with professional bodies.
9. Encourage all the faculty to take up PhD.
10. Encourage a culture of innovation and multidisciplinary research in collaboration with industries/universities

Long Term Strategic Goals: (in next 5 years)

1. Sustain the high-quality education.
2. Ensure that innovation, entrepreneurship, and public service are fundamental characteristics of our graduates.
3. Interdisciplinary outcome in form of collaborative projects between various industries.
4. Internship plan for top 10 % students of pre-final year in premier national/international organizations.
5. 100% faculty in the department to complete PhD.
6. To build strategic alliances between the department and leading academic/research institutions and enterprises for globalizing departmental activities.
7. To target interdisciplinary collaborative projects between the departments at the institutional level.
8. To target core ECE companies like Samsung, Cadence, Ericsson, Intel, Qualcomm for projects, internships and placements.

9. NBA Accreditation: Target for 06 Years.

10. To secure top 200 rank in NIRF.

Key Achievements: (of last 3 years)

1. Promote a **culture of learning by doing**, through the dedicated experiential learning activities that are embedded in the curriculum.
2. Over 50 student teams from the department participating in elite project competitions such as **DST & Texas Instruments, Indian Innovation Design Challenge Design Contest, L&T's Techgium, Govt of India's Smart India Hackathon (SIH)** etc., mentored by several faculties of the department.
3. Our alumni joined distinguished universities for their higher study such as **the University of Alabama in Huntsville, University of Massachusetts Lowell, , Michigan Institute of Technology, , Bridgeport University, Portland University, University of Florida, SWINBURNE Institute of Technology (Australia).**

Atria Centre for Management and Entrepreneurship

Vision:

To be a prominent management institution offering transformational learning and research for growing human potential by developing socially responsible and effective future leaders

Mission:

Atria Centre for Management and Entrepreneurship is committed to:

M1: Effectively disseminate business knowledge between industry and academic experts and student community.

M2: Collaborate with leading organisations for exposure to real life business problems and solutions.

M3: Create an ambience for superior academic and research endeavors to nurture ethical future leaders.

M4: Foster employability, entrepreneurship skills and social responsibility.

Brand building

- Brand building through department website and social media pages on Facebook and LinkedIn
- Regular research publications, at least 2-3 each quarter
- Students participating in Inter-college cultural and Sports events
- Conduction of Webinars on various management topics

Short Term Goals: (in next 1 year)

- MBA Value Added Programs to be created and marketed in the areas of Digital Marketing, Project Management, SCM and Business Analytics
- Setting up MBA lab for hands-on student learning
- Improving Placements with management support and greater focus
- Selling Executive Education Programs
- Organize National Level Management Conference

Midterm Goals: (in next 2 years)

- Executive PGDM Programs under Atria University branding
- Higher quality Research and Innovation
- NBA Accreditation
- Higher NAAC rating

Long Term Strategic Goals: (in next 5 years)

- Tie-up with an International Business Schools or leading Indian Business School to roll-out a proven PGDM/PGPM course
- Starting Undergraduate Programs like BBA and B.Com. – detailed plans developed

Key Achievements: (of last 3 years)

- Four textbooks co-authored by the Faculty
- Over 30 Research papers published by the Faculty team
- Extensive use of Online platform for education with all course contents being loaded on the AIT LMS Xcelerator platform
- Extensive use of Case Studies added to the course pedagogy
- Over 600 alumni are in prominent jobs and some are at Senior Positions.
- Active Alumni with Regular Alumni Meets
- Project based Experiential Learning rolled out for the students with each student undergoing a of 4 Week Organization Study Project and a 6 Week Project internship where they solve a business problem
- 6 Industrial visits and a large number of Industry Interactions through seminars, webinars and discussion forums

Department of Library and Information Centre

VISION:

To build the library as a center for excellency in accessing the right information at the right time to the right user.

MISSION:

To embrace the principle of excellence in advancing the teaching, learning, research and service mission of the institute through the acquisition, organization and management of collections for access and use; through the provision of reference and instrumental services; and through a variety of collaborative and reciprocal programs in the area.

Short Term Goals: (in next 1 year)

1. **Bar coding:** The barcoding work has been started. It will be completed in three months.
2. **Remote access:** The mobile app, m-library facility has already been given to II, III and final year students to access various library facilities like OPAC . Once the USN is received from the university for I year students, the same will be given to the newly admitted students also.
3. **Book exhibition:** The library is organizing a book exhibition which will be held on 19/03/2021 and 20/03/2021.
4. **Library quotes:** Famous library quotes must be displayed on the walls of the library.
5. **Digital board:** Display of digital board showing the number of volumes, titles, and other statistics.
6. **Purchase of books and new racks:** Books for the year 2021-22 will be procured post book exhibition based on the selection by the faculty. The required book racks for the books procured will also be purchased.
7. **Library software:** The existing library software is Libsoft 9.8 will be replaced with KOHA library software shortly.
8. **Printed journals:** are going to be subscribed shortly.
9. **Research portal:** A research portal will be launched shortly. The details are being collected by the faculty members.
10. **Awareness programme:** will be conducted at regular intervals for the students.

11. **Institutional repository:** The institutional repository called DSPACE will be installed.
12. **Periodicals:** Periodicals and magazines will have to be subscribed.
13. **NPTEL videos:** will be downloaded and saved for ready access.

Midterm Goals: (in next 2 years)

1. **Library server:** It has been planned to maintain a separate library server for the Department of Library and Information Centre.

Long Term Strategic Goals: (in next 5 years)

1. **RFID:** Radio Frequency Identification needs to be installed which saves the time of the reader and guards the library books. This is the fifth law of the library science and is given by Dr. S.R. Ranganathan who is the Father of Library Science.
2. **Separate reading room:** Planning to maintain a separate reading room for students who bring their own books to facilitate their studies.
3. **Discussion room:** A separate room for group discussion for students
4. **Expansion of Seating Capacity:** 150 seating capacity in the reference section. It must be expanded. Current seating capacity of 150 in the reference section needs to be expanded.
5. **Access of e resources:** Increased access to the E-learning library resources for the students is being planned.

Key Achievements: (of last 3 years)

1. **Awareness Programme:** Successfully conducted Awareness programme for staff and students of different departments.
2. **Webinar:** Conducted webinar on “**Reinventing Emphasis of Library during contemporary times of new education Policy 2020**” on 05/10/2020 from the Department of Library and Information Science. The speaker was Dr. Tiwari, Librarian, Indian Institute of Science Education Research, Kolkata
3. **Book transactions:** It has been implemented and are being carried out through library software.
4. **OPAC:** The Online Public Access Catalogue facility was introduced for library users within the library from June 2019. The users can search the books of their choice through

computer.

5. **Arrangements of Question paper:** Question papers were arranged and binded according to the branch and semester wise.
6. **Photo scanning:** Photographs were scanned to upload to the library software.
7. **Preparation of usage and login/out report:** Prepared from 1st Aug 2017 to Jan 2021.
8. **Mlibrary mobile App:** The mobile app, mlibrary was introduced by the VTU. The students and staff names and email ids were registered through knimbus. This facility provides access to e-resources through mobile phones. Now they are accessing the same.
9. **Plagiarism checking:** Similarity checking facility has been given through Turnitin software that will check the originality of articles and papers which are prepared by the staff and students.
10. Preparation of branch wise titles and volumes: As per the AICTE/VTU norms, separate branch title and volumes were prepared

Department for Training & Placement

Placement and Training department is dedicated to developing an efficient recruitment system that can build a reliable pool of talents who can fortify the values of AIT. Students are provided with several facilities so that they achieve the highest scholarly levels and prepare them for positions of leadership and lives of service in all fields of human endeavor.

The Training and Placement department undertakes various activities such as providing placement assistance, career counseling, higher education counseling and organizing training & development programs for faculty and students. It also drives industry interaction, corporate academic partnerships and majorly recruitments.

Endless learning opportunities are provided to all students which intensify and formulate their operational skills required to make a difference in their professional approach and is guided to identify the right opportunities for their future career and support in their day-to-day endeavors. Atria Institute of Technology's Training & Placement department provides ample support for the recruitment processes conducted by various companies during their visit to college

Training and placement department handles ON CAMPUS & OFF CAMPUS placements for BE and MBA graduating students and has a consistent record of placing the students in various prestigious companies every year.

Vision:

Make the institution an epitome of learning & provide global opportunities for the students.

Mission:

- To ensure students develop a positive attitude.
- To ensure that the skills of the students are properly identified & oriented in the right direction.
- To engineer the young minds to be disciplined, dedicated, and determined.

Short Term Goals: (in next 1 year)

- To impart personality development training to all the students to face the competitive era.
- To strengthen and enhance industry liaison by way of training, guest lectures internships, projects, and MoUs etc.
- Through different industries in the engineering sector, establish Centers of Excellence for best possible opportunities to students in the college.
- To develop students' skills to make them globally employable & ready for the industry.
- To ensure that the curriculum follows the latest industrial trends, follow the feedback received pertinent to curriculum improvement from the visiting companies to HODs.
- Through individual expert career counselling, help every student define his / her career interest.

Ensure student analyzes chooses and gets opportunities in the company of his / her interest

Midterm Goals: (in next 2 years)

- Train all the students on latest technologies
- Career Guidance to the core
- Increasing Motivational Activities

- Support through Live Projects
- Increase Industry – Academia Relationship
- Work on Branding activities

Long Term Strategic Goals: (in next 5 years)

- By establishing a rapport with the industry connects, create maximum opportunities for placements of eligible & non eligible students in the job market
- By organizing and coordinating frequent industrial visits, Nurture Industry Institute interaction & in-plant training and industrial relevant projects for the students, with the sole aim of zeroing down the hiatus between the industry and the academia.
- To fulfill commitment of a job for every aspirant, organize and coordinate Campus Placement Program frequently.
- To create meaningful relationship & opportunities for the placement of the students in the global job markets, develop national and international links with the business organizations to the fullest extent
- To offer Expertise for Internships, Projects, Training & Consultancy, Campus Connect Initiatives, ensure sound Industry Academia Connect in terms of Industry Collaborations

Key achievements –

- **CAPGEMINI / COGNIZANT / SAP / WIPRO / JUSPAY / E&Y / AXISCADES** – campus drives conducted for the first time in 2021 in these companies
- 75 hours of Virtual Soft skills training for 2021 batch which included Infosys and Capgemini company specific training @ very low COST to the management
- Inducted Microsoft Certification programs through AICTE for 2021 / 2022 batch students and faculty
- Placement increased from 235 to 387 (during COVID between March - Sept 2020)
- More number of companies were called for ON CAMPUS drives which included IT / NON-IT and MBA.
- ZOOM meets were conducted to motivate students for placements via virtual mode
- 37 offers during 2020 pass batch in Mechanical and 28 offers during 2020 pass batch in CIVIL