



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

DR. N.G.P. ARTS AND SCIENCE COLLEGE

DR.N.G.P. KALAPATTI ROAD, COIMBATORE - 641048

641048

www.drngpasc.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

February 2022

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Dr. N.G.P. Arts and Science College (Dr. NGPASC) was established during 1997 in Kalapatti, Coimbatore with a motto of providing holistic quality education. Dr. NGPASC is an organization of Kovai Medical Center Research and Educational Trust (KMCRET) and functions under the leadership of Dr. Nalla G. Palaniswami as Chairman and Dr. Thavamani D. Palaniswami as Secretary. The Trust has established nine educational institutions covering areas of science, arts, engineering and technology, medicine and allied healthcare.

The institution is constructed in an area of 7.41 acres, consisting of four multi-storied academic blocks, outdoor playgrounds, indoor courts and other infrastructure facilities. The campus is surrounded by trees and lush green landscaped lawns that provides congenial learning atmosphere. It is well connected with major cities of the state and country by air, rail and road. Currently, the institution offers 31 UG, 16 PG and 25 Research (M.Phil. & Ph.D.) Programmes, under six faculties with an enrolment of more than 7000 students. In addition, two programmes introduced during 2021-22.

The institution is recognized under 2(f) & 12(B) and conferred autonomous status during 2015-16 by University Grants Commission and is accredited with A Grade (2nd Cycle) by NAAC. The Department of Science and Technology (DST) recognized our institution under DST-FIST. Four science departments are recognized under DBT-STAR Scheme. Dr. NGPASC is recognized as a member of National Rural Entrepreneurship Mission by Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India and Scientific and Industrial Research Organizations (SIROs) by Department of Scientific and Industrial Research, DST, Government of India.

The institution has secured 59th rank National Institutional Ranking Framework (NIRF) during 2021. The institution secured band “Performer” in ARIIA ranking during 2020. The MoE’s Institution Innovation Council (IIC) granted 3.5 Star rating during 2020. Two Center for Excellence namely Center for Internet of Things (IoT) and Center for Regional Languages are established in the campus.

Vision

To instill Character in the minds of the students by providing value Based Education to manifest the perfection already in them and to enable them to excel by providing Quality Higher Education and Research opportunities on par with International Standards.

The collective stride towards institution’s Vision is supported by:

Character Building

Provide a rich intellectual environment along with right attitudes and values. Centres, clubs, cells have been established to imbibe values like equality, integrity, dignity, civic responsibility and personal code of ethics.

Skill based Training

Strive to impart a skill-based curriculum to augment problem-solving, critical thinking, creativity, people management and decision-making skills. To bridge the gap between curriculum and industry requirements, technical and soft skills are strengthened through value added programs, centre of excellence and workshops by experts.

Excellence

Our pursuit for excellence is supported by dedicated team of faculty, competency based curriculum, state of art infrastructural facilities, centre of excellence, adequate financial support and welfare measures, training and placements in industries of repute, guidance for higher education and encouragement for entrepreneurs.

Mission

To provide Quality Education, Training and Research facilities to the students of our nation and the world. To inculcate ethical, moral and social values in the minds of educators and students and also to motivate and nurture co-operation, tolerance and mutual respect in our nation of diversity.

Strategies toward fostering a responsible and empowered learning community.

- Cultivate an environment that fosters quality value-based education
- Empower youth with curriculum and skills for life-long success
- Implement cutting-edge technology to meet the needs of industry and society
- Create an forum where our research and innovations can benefit society
- To empower the faculty with necessary domain specific and ICT skills
- To establish links with industries and research institutes
- Outreach and extension activities to sensitize students to social issues
- Create a culture of continuous improvement

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Visionary Management and leadership

- Democratic, growth oriented and value driven
- Transparent, participative and decentralized administrative system
- Strategic Planning leads to expansion in buildings, programs year after year
- Munificent in financial assistance for disadvantaged students

Institutional Recognition

- Consistently Ranked within top 100 in NIRF since 2016
- Ranked in ARIIA within top 100 since inception in 2019-20
- Recognized by DST-FIST and DBT STAR scheme
- Established MHRD's Institution Innovation Council (IIC)

Societal Response

- Positive response in community with tangential increase in enrolment
- Encouraging atmosphere evidenced in high ratio of women students

Promising Academic Environment

- Programs and courses to meet regional and global industrial demands
- Planning, delivery of curriculum and assessment is student centric
- Structured training for slow learners and advanced learners

State of the art Infrastructure

- Well planned infrastructure with modern technology and spacious green campus
- Fully Automated Central Library with rich collection of print and digital resources

Faculty Enrichment

- Proficient and committed teaching faculty
- Effective implementation of development and welfare measures

Research Eco System

- Centre for Research established to foster research and development through support for knowledge exchange, securing funds and protecting innovation
- Research promoted through seed money, awards and recognition

Students' Support Initiatives

- Rigorous Training by Placement and Training cell resulting in outstanding placement record
- Well-structured mentoring system and counselling with in-house professionals
- Centre of excellence foster global competencies to operate in a competitive workplace.
- Life Skills and Professional Skills training provided through centers, cells and clubs

Industry linkage/strategic partnerships

- Industry Institute Partnership Cell established to bring in real time practical exposure to students and faculty
- Functional MoUs for knowledge exchange, internships and placement
- Industry on Board of Studies, Institute Innovation Council, Expert Panels for academic programmes

Social /Environment Consciousness

- Commitment to community service, social justice, and empowerment of women
- Sustainable green initiatives for environmental concern

Institutional Weakness

- Revenue generation through consultancy and corporate training
- Limited funding opportunity for research and innovation

Institutional Opportunity

- Academic bank of credits to be created as per the guidelines of New Education Policy
- Collaboration with Universities abroad for faculty and student exchange
- Credit Transfer for overseas internships, industry training and apprenticeship
- Explore potential for industry-sponsored research
- Focus on Patents and Copyrights
- Funds from active alumni for developmental needs
- Technology Business Incubator set up
- Explore avenues for University Status

Institutional Challenge

- Increase in number of colleges pose a competition
- To secure international research funding/fellowships

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Curriculum is designed to meet demands of industry and society, build competence to meet institution's vision and mission following the guidelines of UGC - National Curriculum Framework and Guidelines, Tamil Nadu State Council for Higher Education (TANSCHÉ).

The institution offers 31 UG and 16 PG programmes under the Choice Based Credit System.

The Syllabus is framed by Board of Studies and approved by Academic Council and Governing Body. The curriculum is revised as per needs to meet the local, national, regional and global demands. Outcome based education (OBE) implemented from the academic year 2017-18 and onwards.

Skill enhancement courses, Generic electives for interdisciplinary learning, lab on project to promote undergraduate research and internships for on the job experience are included in Part III of the curriculum.

Part IV of the Curriculum includes courses for societal concerns like environmental sustainability, gender equity, human rights and research aptitude like research methodology and IPR and entrepreneurship.

Extension activity included in Part V of the curriculum and carries one credit. 150 value-added courses are offered for curriculum enrichment and skill enhancement.

Additional credits awarded for online courses (SWAYAM, NPTEL, etc.), self-study course, and achievements in co-curricular and extracurricular activities. Feedback on curriculum obtained from all stakeholders and analyzed for continuous improvement.

Teaching-learning and Evaluation

The institution attracts students from Coimbatore, surrounding districts and other states. Students are admitted as per the reservation policy of the Government of Tamil Nadu.

Eleven new programmes were introduced during the assessment period, leading to a steady increase in the admission of students. The average demand ratio of application is 1: 3 with an average of 60% of women.

Well qualified faculty with 55% of them holding Ph.D. degree and they continuously enhance their academic qualification through FDPs and online courses. The average teaching experience of faculty is 9.52. The average student-teacher ratio is 17:1 to enhance teaching-learning efficiency.

The institution attracts mixed population of students which includes first generation learners from rural background. An extensive orientation Programme Deeksharambh (Student Induction Programme) is organized to familiarize students with the academic environment.

The learner level identification mechanism (slow and advanced) is adopted and strategies devised for effective learning experience for all categories. The institution follows rigorous mentoring system with a Mentor - Mentee ratio of 1:19.

Adequate measures are taken to impart essential skills through experiential/participative learning and problem-solving methods. ICT tools like Moodle, Google Classroom and Edmodo are effectively used to enhance learning experience of students.

The Choice Based Credit System with Outcome Based Education model facilitate student-centric learning. OBE model curriculum is followed and attainment is calculated by direct and indirect methods. Academic schedule is prepared meticulously and adherence is ensured. Curriculum plan and delivery is ensured by maintenance of log book and audit by Logbook audit committee.

A customized Examination Management System CAMPES has been developed for the institution to automate the Continuous Internal Assessment (CIA) and End Semester Examination (ESE) process. The average number of days between last date of examination and date of declaration of results is 13.9. The average number of examination related grievances received is 0.94% which are properly addressed.

Research, Innovations and Extension

The institution aims to create a research culture by providing adequate resources and facilities to realize its mission. Research activities are coordinated by the Center for Research with a well- defined research promotion policy. Research ethics is integrated into the curriculum and the Research Ethics Committee gives guidelines and ensures code of ethics in research. Research Articles are reviewed for quality before submission, published articles are indexed in Scopus (165), Web of Sciences (88) and listed in UGC (978). 340 books /chapters / conference proceedings articles in peer-reviewed journals have been published.

Seed Money to the tune of Rs.11.6 Lakhs awarded to undertake 232 Projects. National/ International fellowship for advanced study / research is encouraged and 26 Fellowships were undertaken. Incentives given to encourage funded research projects, publications, IPR etc. Extramural Research projects sanctioned with grant of Rs.

259.92 Lakhs from Govt. / Non-Governmental agencies. Currently 231 scholars pursuing their research (M.Phil./ Ph.D.) under 94 recognized research supervisors.

Programmes (482) organized pertaining to Research Methodology, Intellectual Property Rights, Entrepreneurship and Skill Development, workshop on IPR, Conferences and Seminar. Faculty/ Student Exchange programmes arranged and 19 programmes conducted to promote collaborative research and publications. Lab on Projects stimulate Undergraduate research. The institution has received Rs.17.84 Lakhs from Consultancy. Research Fellowships supported and 26 faculty benefitted. Research contributions and achievements recognized by awards and honours.

Extension Services carried out in nearby villages and also in 5 adopted villages and carries a weightage of one credit in curriculum and 549 initiatives are driven by the NSS, NCC and Center for Societal connect.

Infrastructure and Learning Resources

To stay on par with nationally renowned educational institutions, our campus stands high with state-of-art infrastructure. It beholds modernistic infrastructure, powerful and secure information technology support and hi-tech library.

The campus is spread over 7.41 acres with a built-up area of 574175 sq ft. The classrooms (149) are ICT enabled with Wi-Fi/LAN connectivity. The campus comprises 8 digitally equipped Seminar Halls and 4 Board Rooms for effective functioning. Internet facility with 93 Wi-Fi access points enabled within the campus with CCTV surveillance. Vast outdoor grounds with 267491 sq ft and indoor space of 10550 sq ft encourage sports and games. A gymnasium of 2250 sq ft for both men and women and Yoga Hall of 1600 sq ft have been designed for faculty and students. NGP cafeteria caters to staff, students and visitors with a dining area that serves 500 members at a time.

Central Library houses 42549 volumes of books under 19863 titles, research reports, periodicals and magazines. Digital Library with 60 computers supports online access, 24/7 learning powered with OPAC, INFLIBNET-N-List, EBSCO, CMIE ProwessIQ and Urkund for remote access. The library is automated with integrated Library Management Software Campus iLib.

State-of-the-art laboratories pertaining to 31 specific domains and 4 research labs with advanced equipment cater towards experiential learning and research. DST-FIST laboratory and DBT-STAR scheme promote science education and develop research interest among undergraduate students. The institution is equipped with 16 Computer Laboratories and 1 Hardware Lab with 1463 computers and licensed software. Center for Internet of Things (IoT) and Center for Regional Languages established in the campus. Exclusive space provided for Centers and Clubs. The institution holds MoUs with KMCRET, KMCH and AOSTA for industry-institute partnerships.

Student Support and Progression

The institution provides a conducive environment which supports holistic development, and career progression. The institution provides scholarships to economically challenged and students with passion for sports. In addition, necessary guidance provided to secure scholarships from government and philanthropists. In order to make the student competent, training on soft skills, communicative skills, life skills and technical skills are

provided. Career counselling and training for competitive examinations are extended through exclusive centers. The institution adheres to the guidelines of regulatory bodies with regard to anti-ragging and sexual harassment prevention ensure a safe campus.

Dr. NGPASC believes that education is a potent armament that leads to the progression of students both academically and professionally. The institutions' placement sector systematically trains the students and maintains a good placement record.

Center for professional development guides students to take up State, National and International level exams (NET, SET, CAT, JAM, IELTS, TOEFL). The students accumulate laurels in sports, games and cultural programs. NSS volunteers regularly participate in Republic Day Parade and National Integration Camps.

The Students Council plays a pivotal role in effective functioning of academic, Co-curricular and extra-curricular activities. It nurtures conservation of peace and harmony among student community. Alumni extends financial support by way of scholarships and for the creation of endowment funds. Seed money is offered to undertake pilot projects. Innovation by faculty and students are protected through Patents and Copyrights.

Governance, Leadership and Management

The governance of the college is participative and ensures quality and excellence in teaching, research and outreach activities. Statutory and non-statutory committees administer the overall functioning and execution of academic, administrative, co-curricular and extra-curricular activities. Budget allocation and fund mobilization are executed by the finance committee with approval of governing body. Policy Decisions are approved by Governing Body, Academic Council, and executed by Heads of Department and Faculty.

Decentralization and participative management involving Deans, HoDs, Coordinators of centers, cells and committees, faculty and students helps for effective administration and smooth functioning of the institution. The perspective plan of the institution is deployed to accomplish the goals. E-governance is adopted in administration and academic functions such as Finance and Accounts, Student Admission and Support, Library and Exam Cell.

The management extends welfare schemes to faculty and staff. Financial Support extended to attend conference, refresher course and faculty development programmes.

Internal Quality Assurance Cell is the primary body of the Institution which promotes quality initiatives related to academics, Research and Development, Administration and Student development. IQAC ensures quality in teaching learning processes through a structured feedback and audit mechanism.

Institutional Values and Best Practices

The institution ensures gender equity through creation of facilities, conduct of curricular, co-curricular and extra-curricular activities. It gives impetus for women to contribute and grow by providing equal opportunities in administrative and academic responsibilities and evidences highest enrolment of girl students.

Sessions on gender equity, gender-based activities and programmes are conducted through various committees. The institution was recognized for 'Best Celebration on Breast Feeding' by International Baby Food Action

Networks and Breastfeeding Promotion Network of India.

Energy consumption is reduced by using LED bulbs, battery operated vehicles, deploying 80 kW solar cells generating 23% of total power requirement, installing solar lights, solar water heaters and sensor-based lights.

The institution manages its solid, liquid and e-waste in association with external agencies. Sewage treatment plant with a recycling capacity of 100000 liters per day functions to treat the waste water generated in the campus which is used to irrigate plants and lawns. Rainwater harvesting and bore-well recharge system facilitates raising ground water level. Single use plastic is avoided in the campus. The campus is maintained green with lawns and trees.

Green, energy and environment audits are periodically conducted. The institution has won 'NCS ECO Award during the year 2016-17' and recognized as 'Best Green Campus' by Nature Science Foundation in 2018-19 and 2021-22.

Screen Reading Software - Non Visual Desktop Access (NVDA), ramps/lifts, disabled friendly washrooms, signage, display boards, signposts and scribe facility are provided to support Divyangjan students.

Harmonious ambience is maintained by conducting multicultural festivals and ethnic food carnivals. Alumni chapters are established in 4 locations including in UAE and SriLanka.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DR. N.G.P. ARTS AND SCIENCE COLLEGE
Address	Dr.N.G.P. Kalapatti Road, Coimbatore - 641048
City	Coimbatore
State	Tamil Nadu
Pin	641048
Website	www.drngpasc.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	V Rajendran	0422-2369220	9994137373	0422-00	principal@drngpasc.ac.in
IQAC / CIQA coordinator	D Geetharamani	0422-2369262	9489658687	0422-000	deanacademics@drngpasc.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of 'Autonomy'	17-10-1997

Date of grant of 'Autonomy' to the College by UGC	25-04-2015			
University to which the college is affiliated				
State	University name		Document	
Tamil Nadu	Bharathiar University		View Document	
Details of UGC recognition				
Under Section	Date		View Document	
2f of UGC	23-06-2003		View Document	
12B of UGC	23-06-2003		View Document	
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	NATIONAL INSTITUTIONAL RANKING FRAMEWORK MINISTRY OF EDUCATION GOVT OF INDIA
Date of recognition	09-09-2021

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dr.N.G.P. Kalapatti Road, Coimbatore - 641048	Urban	7.41	574175

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Physics	36	Higher Secondary	English	60	16
UG	BSc,Mathematics	36	Higher Secondary	English	60	40
UG	BSc,Mathematics	36	Higher Secondary	English	60	0
UG	BSc,Chemistry	36	Higher Secondary	English	60	17
UG	BSc,Catering Science And Hotel Management	36	Higher Secondary	English	60	15
UG	BSc,Costume Design And Fashion	36	Higher Secondary	English	66	63
UG	BSc,Biochemistry	36	Higher Secondary	English	60	33
UG	BSc,Biotechnology	36	Higher Secondary	English	66	64
UG	BSc,Microbiology	36	Higher Secondary	English	66	61
UG	BSc,Clinical Laboratory Technology	36	Higher Secondary	English	60	36
UG	BSc,Food	36	Higher	English	66	52

	And Nutrition		Secondary			
UG	BSc, Computer Science	36	Higher Secondary	English	120	116
UG	BCA, Computer Applications	36	Higher Secondary	English	120	86
UG	BSc, Information Technology	36	Higher Secondary	English	120	114
UG	BSc, Computer Technology	36	Higher Secondary	English	120	93
UG	BSc, Computer Science With Data Analytics	36	Higher Secondary	English	60	58
UG	BSc, Computer Science With Cognitive Systems	36	Higher Secondary	English	60	5
UG	BSc, Artificial Intelligence And Machine Learning	36	Higher Secondary	English	60	0
UG	BCom, Commerce	36	Higher Secondary	English	126	122
UG	BCom, Commerce With Ca	36	Higher Secondary	English	126	125
UG	BCom, Corporate Secretaryship	36	Higher Secondary	English	126	121
UG	BCom, Commerce Information Technology	36	Higher Secondary	English	120	119

UG	BCom,Professional Accounting	36	Higher Secondary	English	126	126
UG	BCom,Finance	36	Higher Secondary	English	120	96
UG	BCom,Banking And Insurance	36	Higher Secondary	English	60	59
UG	BCom,Business Process Services	36	Higher Secondary	English	60	47
UG	BCom,Business Analytics	36	Higher Secondary	English	60	25
UG	BCom,International Business	36	Higher Secondary	English	60	54
UG	BCom,Accounting And Taxation	36	Higher Secondary	English	66	60
UG	BCom,Cost Accounting	36	Higher Secondary	English	60	32
UG	BBA,Management	36	Higher Secondary	English	120	118
UG	BA,English	36	Higher Secondary	English	60	40
UG	BSc,Food Processing Technology And Management	36	Higher Secondary	English	60	0
PG	MSc,Physics	24	UG Degree	English	30	30
PG	MSc,Mathematics	24	UG Degree	English	60	20
PG	MSc,Medical Physics	24	UG Degree	English	10	10
PG	MSc,Chemistry	24	UG Degree	English	44	42
PG	MSc,Bioche	24	UG Degree	English	50	32

	mistry					
PG	MSc,Biotechnology	24	UG Degree	English	50	34
PG	MSc,Microbiology	24	UG Degree	English	50	46
PG	MSc,Food And Nutrition	24	UG Degree	English	33	33
PG	MSc,Computer Science	24	UG Degree	English	60	22
PG	MSc,Computer Science With Data Analytics	24	UG Degree	English	50	3
PG	MCom,Commerce	24	UG Degree	English	33	29
PG	MCom,Commerce With Ca	24	UG Degree	English	30	24
PG	MCom,Corporate Secretaryship	24	UG Degree	English	30	16
PG	MCom,International Business	24	UG Degree	English	50	25
PG	MSc,Hospital Administration	24	UG Degree	English	36	31
PG	MA,English	24	UG Degree	English	50	18
Doctoral (Ph.D)	PhD or DPhil,Physics	36	PG Degree	English	12	4
Doctoral (Ph.D)	PhD or DPhil,Mathematics	36	PG Degree	English	8	8
Doctoral (Ph.D)	PhD or DPhil,Biochemistry	36	PG Degree	English	32	13

Doctoral (Ph.D)	PhD or DPhil, Biotechnology	36	PG Degree	English	24	9
Doctoral (Ph.D)	PhD or DPhil, Microbiology	36	PG Degree	English	24	21
Doctoral (Ph.D)	PhD or DPhil, Food And Nutrition	36	PG Degree	English	9	5
Doctoral (Ph.D)	PhD or DPhil, Computer Science	36	PG Degree	English	24	24
Doctoral (Ph.D)	PhD or DPhil, Commerce	36	PG Degree	English	46	40
Doctoral (Ph.D)	PhD or DPhil, Corporate Secretaryship	36	PG Degree	English	10	9
Doctoral (Ph.D)	PhD or DPhil, Management	36	PG Degree	English	20	17
Doctoral (Ph.D)	PhD or DPhil, English	36	PG Degree	English	14	14
Doctoral (Ph.D)	PhD or DPhil, Tamil	36	PG Degree	Tamil	30	10
Pre Doctoral (M.Phil)	MPhil, Physics	24	PG Degree	English	5	0
Pre Doctoral (M.Phil)	MPhil, Mathematics	24	PG Degree	English	20	8
Pre Doctoral (M.Phil)	MPhil, Biochemistry	24	PG Degree	English	27	1
Pre Doctoral (M.Phil)	MPhil, Biotechnology	24	PG Degree	English	24	1
Pre Doctoral (M.Phil)	MPhil, Microbiology	24	PG Degree	English	24	0
Pre Doctoral	MPhil, Food	24	PG Degree	English	10	2

(M.Phil)	And Nutrition					
Pre Doctoral (M.Phil)	MPhil, Computer Science	24	PG Degree	English	50	2
Pre Doctoral (M.Phil)	MPhil, Commerce	24	PG Degree	English	30	1
Pre Doctoral (M.Phil)	MPhil, Corporate Secretaryship	24	PG Degree	English	8	2
Pre Doctoral (M.Phil)	MPhil, Management	24	PG Degree	English	4	3
Pre Doctoral (M.Phil)	MPhil, Hospital Administration	24	PG Degree	English	4	2
Pre Doctoral (M.Phil)	MPhil, English	24	PG Degree	English	20	13
Pre Doctoral (M.Phil)	MPhil, Tamil	24	PG Degree	Tamil	30	3

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	60				53				262			
Recruited	27	33	0	60	21	32	0	53	97	165	0	262
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				54
Recruited	13	41	0	54
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				20
Recruited	17	3	0	20
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	1	0	0	0	0	0	0	0	0	1
Ph.D.	26	33	0	21	32	0	42	49	0	203
M.Phil.	0	0	0	0	0	0	41	96	0	137
PG	0	0	0	0	0	0	14	20	0	34

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	12	14	0	26

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	3090	59	0	0	3149
	Female	2987	44	0	5	3036
	Others	0	0	0	0	0
PG	Male	266	0	0	0	266
	Female	544	0	0	0	544
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	53	2	0	0	55
	Female	121	4	0	0	125
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	9	0	0	0	9
	Female	24	5	0	0	29
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	47	56	54	0
	Female	39	65	57	0
	Others	0	0	0	0
ST	Male	3	1	0	0
	Female	2	0	1	0
	Others	0	0	0	0
OBC	Male	684	576	518	0
	Female	710	625	580	0
	Others	0	0	0	0
General	Male	50	58	57	0
	Female	50	84	61	0
	Others	0	0	0	0
Others	Male	421	405	415	0
	Female	422	510	444	0
	Others	0	0	0	0
Total		2428	2380	2187	0

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Accounting And Taxation	View Document
Artificial Intelligence And Machine Learning	View Document
Banking And Insurance	View Document
Biochemistry	View Document
Biotechnology	View Document
Business Analytics	View Document
Business Process Services	View Document

Catering Science And Hotel Management	View Document
Chemistry	View Document
Clinical Laboratory Technology	View Document
Commerce	View Document
Commerce Information Technology	View Document
Commerce With Ca	View Document
Computer Applications	View Document
Computer Science	View Document
Computer Science With Cognitive Systems	View Document
Computer Science With Data Analytics	View Document
Computer Technology	View Document
Corporate Secretaryship	View Document
Cost Accounting	View Document
Costume Design And Fashion	View Document
English	View Document
Finance	View Document
Food And Nutrition	View Document
Food Processing Technology And Management	View Document
Hospital Administration	View Document
Information Technology	View Document
International Business	View Document
Management	View Document
Mathematics	View Document
Medical Physics	View Document
Microbiology	View Document
Physics	View Document
Professional Accounting	View Document
Tamil	View Document

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>The institution started implementing National Education Policy 2020 in Undergraduate, Postgraduate and Research Programmes. The following are the initiatives taken: Skill Based Training Programmes imparted to groom industry ready graduates in B.Sc. Catering Science and Hotel Management, B.Sc. Costume Design and Fashion, B.Com. with Professional Accounting, and B.Com. with International Business. Generic Elective Courses offered to furnish inter-disciplinary knowledge to the students. Job oriented Value-Added Programmes introduced to develop inter-disciplinary skills for better employability. Apprenticeship Embedded Training for a period of six months are introduced in programme B.Com. Goods Service and Taxation (from AY 2022-23) in association with Board of Apprenticeship Training, Government of India. Other Activities Graduate research fostered through Lab on Project facilitates critical and innovative thinking among students. DST- FIST and DBT- Star schemes promote science education and research. Inter-disciplinary research encourages amalgamation of various disciplines on thrust areas. Conferences, seminars, and workshops are conducted to encourage interdisciplinary approach. Hackathon organized to enhance problem-solving, coding and out of box thinking. Center for Internet of Things enriches young minds in the emerging field of IoT with hands on training in multiple technological platforms.</p>
2. Academic bank of credits (ABC):	<p>Institution is a registered member of National Academic Depository (NAD) to validate the authenticity and safe storage of academic awards. As per the Regulation R3 (2019-20 to 2021-22), UG and PG students are entitled to earn 10 extra credits during their course of study for enhancing their language skills through Business English Certificate (BEC), online courses, learning foreign languages/ Hindi, certifications in typing and short-hand, best presentations in conferences/seminars, publications in journals, mobilizing funds from agencies, completion of value added certificate programmes, self-study courses, advanced learner course, representation in State/National level celebrations etc., Credit transfer mechanism is proposed in Regulation R4 to be</p>

	introduced from the AY 2022-23 and onwards.
3. Skill development:	<p>Value Added Skill Enhancement Courses (SEC) conducted by Placement and Training Department, is mandatory to all first (SEC- I) and second (SEC- II) year Undergraduate students. SEC- I focuses on Communication Skill development and SEC-II focuses on Aptitude Skills. VERSANT English Test is conducted to measure the LSRW skills and Business English Certificate (BEC), helps in effective communication and leadership. Skill Enhancement Courses in Curriculum imparts knowledge, skills, and competencies pertaining to the respective domain. Industry Linked Job-oriented Certificate courses are proposed with 80% practical and 20% theory to enhance employability skills in association with industries from the AY 2022-23 and onwards. National Council of Vocational and Research Training (NCVRT) offers 18 courses in various disciplines such as computing technologies, data analytics, cookery and confectionery, fashion designing and secretarial practices to meet the industrial needs. Hands on Training on computer hardware and mobile service expended to gain practical knowledge. Mandatory Internship/ Industrial Training confers opportunities for understanding their industrial needs. DBT Star Scheme stipulates experiential learning for the students of Biosciences. Centre for Entrepreneurship Development motivates students to develop entrepreneurial skills and out of box thinking in exploring business opportunities. Centre for Industry Institution Partnership initiated various elite talk forums (Thinnai) Synergy, Bioface, Velicham, Tech Bench, Vaniga Valagam, and Vetri Padigal to establish mutual rewarding relationship, bridge gap between industry expectations and academic offerings. Institution Innovation Council (IIC) enables start-up support, establish ecosystem for pre-incubation of ideas through developing cognitive abilities among students.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>The following initiatives are taken to implement sustainable development of Indian knowledge system: National Language (Hindi), offered as an optional language under Part I in curriculum for undergraduates. Faculty and students are motivated to learn Hindi. Regional Language (Malayalam) expended as an optional language for</p>

	Undergraduates. Center for Regional Language (Tamil) identifies and recognizes the creative contributors for their outstanding work in Tamil through TAMILSAI magazine published by World Tamil Cultural Center and Ilangovadigal Tamil Mandram. Basic Tamil and Advanced Tamil courses catered to other language students. Multicultural Ethnic Day celebrated to showcase the culture of Khadhi, Nilgiris, and Kerala heritages.
5. Focus on Outcome based education (OBE):	Outcome Based Education implemented from the AY 2017-18 and onwards to meet out the vision and mission of the institution with well-defined Course Outcomes (CO) and Programme Outcomes (PO). The aim of OBE is student centric, to monitor and improvise quality teaching-learning process and to evaluate the knowledge and skill attainment of the students. The learning level attainment is obtained by both direct and indirect assessment methods. The OBE focuses on alignment of desired graduate attributes, programme intended learning outcomes of the students for their sustainable growth. World Economy Forum (WEF), emphasized skills such as complex problem solving, critical thinking, creativity, people management, coordinating with others, emotional intelligence, judgment and decision making, service orientation, negotiation and cognitive flexibility which are imparted to mould students to compete in global job market. Following NEP 2020 guidelines and Industry 4.0, programmes like B.Sc. Artificial Intelligence and Machine Learning, Data Analytics, and Cognitive Systems offered to promote critical thinking and cross cutting skills in emerging areas. Similarly, B.Sc. Food Processing Technology and Management, and B.Com. GST with apprenticeship embedded industrial training proposed to be offered from the AY 2022-23 and onwards.
6. Distance education/online education:	Center for Virtual Learning support students for 24x7 learning through various teaching learning pedagogy. Center for Teaching Learning facilitates remote online learning by providing audio and video lectures through exclusive institutional You-tube channel. ICTACT (ICT Academy) courses develop practical Vocational and Technical skills. ICT enabled online classes support advanced learning through platforms like Edmodo, Google meet, Google class room, Moodle, Kahoot, and exclusive institutional You-tube channel. Online Courses through platforms

SWAYAM/ NPTEL (one of the top 100 local chapters)/ MOOC/ Spoken Tutorial (NODAL resource center), and Coursera are encouraged to upskill students. Value Virtual Lab (V- Lab) of Ministry of Education, Govt. of India (NMEICT) helps to access remotely the simulated science discipline labs. Online Examination and Assessment through online platforms during Covid-19 pandemic.

NAAC

Extended Profile

1 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
47	45	42	39	38
File Description		Document		
Institutional data in prescribed format		View Document		

1.2

Number of departments offering academic programmes

Response: 32

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
6995	7009	7010	6452	5676
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2526	2036	2129	1910	1596
File Description		Document		
Institutional data in prescribed format		View Document		

2.3

Number of students appeared in the examination conducted by the Institution, year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
13913	14007	13821	12737	8274
File Description		Document		
Institutional data in prescribed format		View Document		

2.4

Number of revaluation applications year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
35	72	107	154	162

3 Teachers**3.1**

Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2210	2142	1905	1765	1682
File Description		Document		
Institutional data in prescribed format		View Document		

3.2

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
393	360	335	334	306
File Description		Document		
Institutional data in prescribed format		View Document		

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
401	360	335	334	306
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution**4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
10368	10521	11710	10401	9595
File Description		Document		
Institutional data in prescribed format		View Document		

4.2**Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1585	1465	1395	1325	1285
File Description		Document		
Institutional data in prescribed format		View Document		

4.3**Total number of classrooms and seminar halls****Response: 157****4.4****Total number of computers in the campus for academic purpose****Response: 1463**

4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
1164.52	1549.86	1669.67	1289.56	1131.62

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4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.

Response:

Response: Affirmative

The Institute offers programs that are **need-based, industry-relevant and society-driven** considering the development at Local, Regional, National and Global Arenas. The guidelines of UGC - National Curriculum Framework and Guidelines, Tamil Nadu State Council for Higher Education(TANSCH), World Economic Forum(WEF) and United Nations Sustainable Development Goals(UN SDGs 2030) and National Educational Policy(NEP 2020) are taken into account.

The curriculum imbibes emerging skills described in Industry 4.0 and reflected in Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes(COs). The institution adopts Outcome Based Education(OBE), model with Choice Based Credit System(CBCS) and syllabus is regularly updated to include inputs from all stakeholders.

GLOBAL NEEDS

The following programmes/courses cater to the growing demands of IT and Finance and Bio Sciences at International levels.

- Artificial Intelligence and Machine Learning, Cognitive Systems, Data Analytics
- International Business, Banking and Insurance, Business Analytics, Business Process Services
- Biotechnology, Microbiology, Biochemistry
- English, Management

NATIONAL NEEDS

Programmes are offered to provide skilled human resources to Nation's workforce in areas of

- Basic and Applied Sciences: Physics, Chemistry, Mathematics
- Commerce: Professional Accounting, Cost Accounting, Finance
- Computer Science: Information Technology, Computer Technology

REGIONAL/LOCAL NEEDS

The city, known as *Manchester of South India* houses more than 25000 number of micro, small and medium scale industries and leads in Medical Tourism and Automobiles.

Health-Care

- Medical Physics, Hospital Administration, Nutrition and Dietetics
- Clinical Lab Technology, Biochemistry, Biotechnology, Microbiology

Textiles /Manufacturing

- Commerce Programs
- Costume Design and Fashion
- Chemistry
- Business Management

Software

- Computer Science

COURSE/ PROGRAMME OUTCOMES, PROGRAMME EDUCATIONAL OBJECTIVES

Curriculum Design and Delivery is student centric with **Course Outcomes** to define knowledge, skills and attitudes learners will demonstrate after completion of a course.

Programme Outcomes are derived to state competencies and expertise graduates will possess after completion of programme. **Programme Educational Objectives** are designed in lieu with industry demands to describe the career and professional accomplishments that the programme is preparing graduates to achieve.

The students are made industry ready through skill enhancement courses, industry training and internships.

- **Industry Embedded Programmes** B.Com. International Business, Professional Accounting, Costume Design and Fashion Technology, Catering Science and Hotel Management are embedded with 6 months Industry training
- **Industry Linked Programmes** Medical Physics, Hospital Administration, Clinical Lab Technology are offered in association with KMCH hospitals, Computer Science with Cognitive Systems, Commerce with Business Process Services, are offered in association with Tata Consultancy Services
- **Lab on Project** to promote undergraduate research
- **Advanced Learner Course** to promote Internship in renowned National/International establishments/ Laboratories
- **Extension Activities** to enable students to be ethical, moral and compassionate
- **Skill Training** offered through Center for Internet of Things (IoT), NGPnnovation, Hardware/Commerce/Language labs
- **Self-learning** through SWAYAM-NPTEL/MOOC and self-study courses is mandatory to earn additional credits
- **Value Added Certificate Programme** for better employability
- **Center for Academic Career Development** helps students connect with foreign universities for higher Education
- **Implementation of Regulation Four (R4)** incorporating salient features of National Educational Policy from AY 2022-23



Components that aids to make the better Course/Programme Outcome



Fig. 1.1.1 Curriculum Relevance

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 100

1.1.2.1 Number of all Programmes offered by the institution during the last five years.

Response: 47

1.1.2.2 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 47

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Details of program syllabus revision in last 5 years(Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 82.66

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2020-21	2019-20	2018-19	2017-18	2016-17
1659	1682	1645	1517	1470

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years. Response: 10.11	
1.2.1.1 How many new courses are introduced within the last five years Response: 988	
1.2.1.2 Number of courses offered by the institution across all programmes during the last five years. Response: 9773	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year). Response: 100	
1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented. Response: 47	

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Response:

Response: Affirmative

The institution believes in holistic development of students by incorporating value-based courses in the curriculum. The Curriculum integrates cross-cutting issues relevant to Professional Ethics, Gender, Human values, Environment and Sustainability Studies to imbibe moral values, professional responsibility and social commitment.

INTEGRATION OF CROSS CUTTING ISSUES IN CURRRICULUM

Compulsory Courses on Environmental Studies, Human Rights, Women's Rights, General Awareness, Research Methodology, IPR are offered in the curriculum. One credit is awarded for Extension Activities.

Professional Ethics

Courses such as Business Intelligence, Executive Business Communication, Brand Management, Industrial Law, E-commerce Technology, Human Resource Management, Company Law, Business Law and Business Ethics are offered.

Gender Studies

Introduction to Women Studies, Gender Studies and Women's Rights are offered to inculcate gender awareness and equality.

Human Values and Ethics

Cyber Law, Industry Law, E-Commerce, E-Business, Campus to Corporate, Taxation Law and Practice, Human Resource Management, Human Psychology, Cyber Crime, Company Law, Business Law/Ethics/Management/Communication, Customer Relationship Management, Consumer Behaviour and Corporate Governance and Business Ethics are offered to create conviction and commitment to values.

Environment and Sustainability

Curriculum of various disciplines includes courses on Environmental Physics and Biotechnology, Solar Energy Utilization, Water Chemistry, Agriculture Chemistry, Textile Printing, Biosafety and Biowaste Management, Ecological Principles, Bioethics and Biosafety, Food Hygiene and Sanitization, Ethics/Governance and Sustainability, Biomedical Waste Management, Innovations and Bio-Entrepreneurship.

Extension Activities

Extension activities are integrated in curriculum to realize the necessity of values and social concerns where all departments organize activities to propagate social consciousness, ethics, team work, leadership and commitment.



Fig. 1.3.1 Cross Cutting Issues integrated in UG Programme

CENTERS AND CLUBS HELP TO IDENTIFY AND ADDRESS THE CROSS-CUTTING ISSUES

To reinforce the education ideals blended with encompassing societal activities, **23 centers** and **32 clubs** are established.

Community Engagement

Activities organized through Center for Social Connect, Center for Value Education, NSS, NCC, and outreach programmes like orphanage visit, special children support, health camp, Swachh Bharat

activities reduce social barriers, inequality, injustice and promote social responsibility among students.

Eco-club

The club motivates students to retain clean and green environment. Awareness programmes on planting saplings, expos on biodegradable products are conducted in addition to participation in the **Swachh Bharath Mission** to raise the institutional proclamation for environmental protection. Seminars, Conferences, workshops, guest lectures, industry visits and field excursions are conducted to sensitize the environmental concerns.

Center for Equal opportunity and Women's Forum

Programmes and activities are organized to create awareness on gender equality, women's problems, health, pre-marital guidance, sexual harassment and legal rights for women.

Celebration of Women's Day, Sister Nivedita Day and programmes for self-defence, yoga and gender sensitivity help students to face societal challenges.

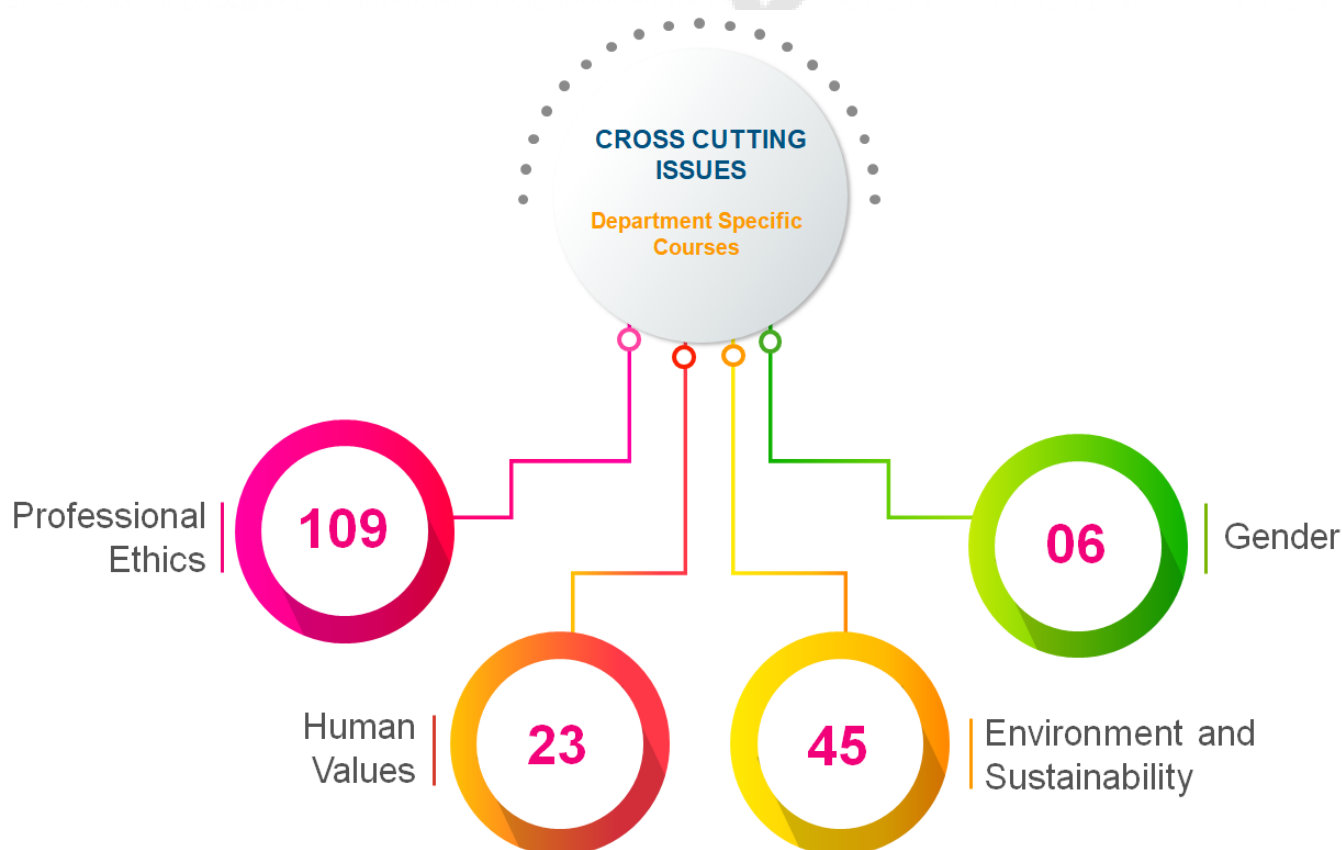


Fig. 1.3.1 Number of courses addressing Cross Cutting issues

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 140

1.3.2.1 How many new value-added courses are added within the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
27	61	32	9	11

File Description	Document
List of value added courses (Data Template)	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 18.03

1.3.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
637	1585	964	276	2293

File Description	Document
List of students enrolled	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)

Response: 84.09

1.3.4.1 Number of students undertaking field projects / internships / student projects

Response: 5882

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document
Link for Additional Information	View Document

1.4.2 The feedback system of the Institution comprises of the following :

Response: A. Feedback collected, analysed and action taken and report made available on website

File Description	Document
Any additional information	View Document
URL for stakeholder feedback report	View Document
Link for Additional Information	View Document

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Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 83.54

2.1.1.1 Number of students admitted year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2428	2380	2612	2482	2216

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
3240	2965	2945	2757	2646

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 89.55

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1485	1323	1247	1147	1128

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Response : Affirmative

The institution assesses the learning levels of students through various techniques and organizes special programs for advanced and slow learners

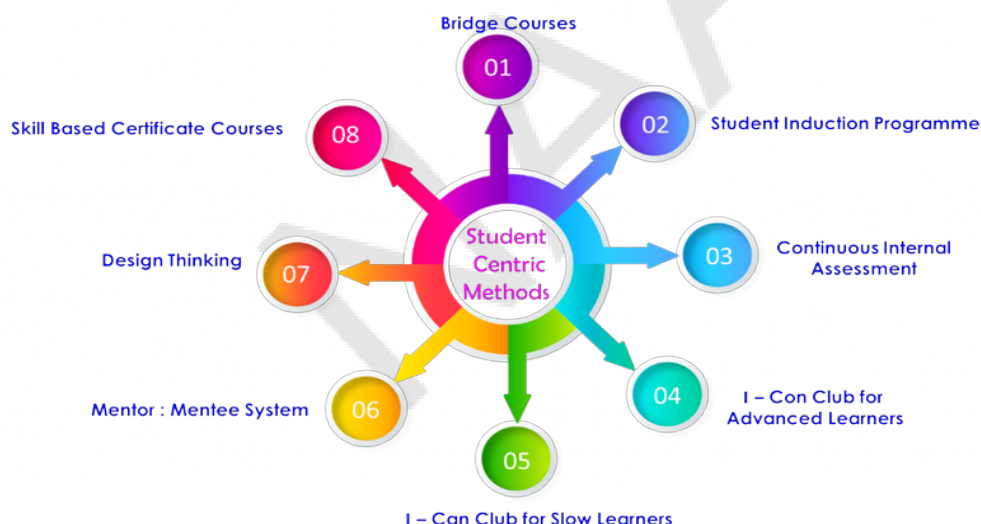


Fig.2.2.1 Student Centric Methods

IDENTIFICATION OF LEARNING LEVEL

All the first-year undergraduate students participate in a 60 h Induction Programme to familiarize them with institutional policies, culture, values, ethics and facilities as well as to help them adjust to their new surroundings and form bonds with their peers. Various measures are taken to assess the learning levels of students hailing from different educational and social backgrounds.

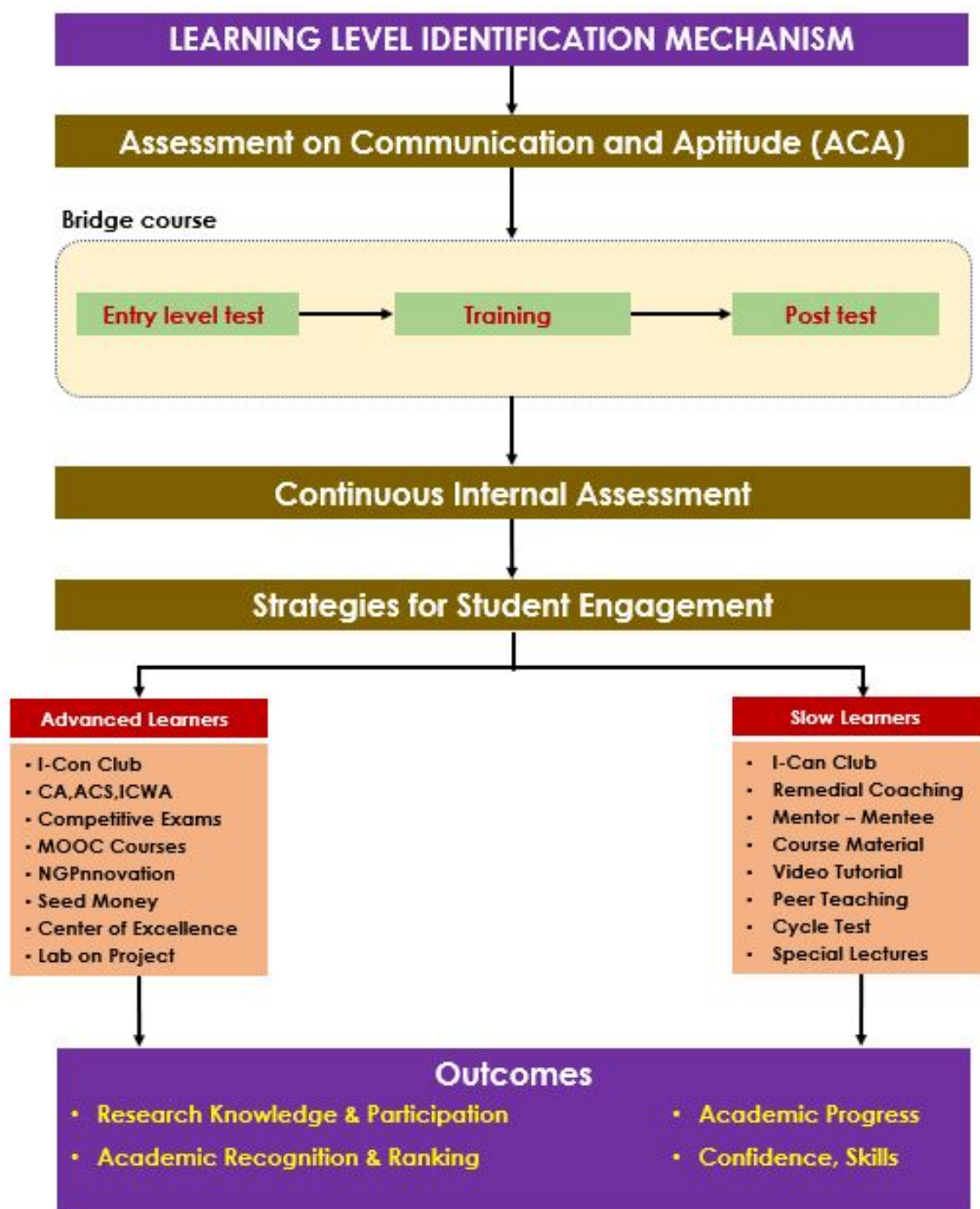


Fig.2.2.1 Learning Level Identification Mechanism

ASSESSMENT ON COMMUNICATION AND APTITUDE (ACA)**Bridge Course – Communication and Aptitude**

- **Entry Level Test** is administered to assess the communication and mathematical abilities of entrants
- **Bridge Courses** are organized to train the students in communication and quantitative aptitude to redress imbalances
- **A Post Test** is conducted to review the outcome of the bridge course

CONTINUOUS INTERNAL ASSESSMENT (CIA)

The academic performance of students is assessed through Continuous Internal Assessments (CIA) and rubric assessment. Performance of students in the first CIA and classroom interactions enable teachers to identify advanced/slow learners. The assigned mentors in the ratio of 1:19 offer personalized counseling. In addition, ward meetings convened by the class advisors help to address their strengths and weakness.

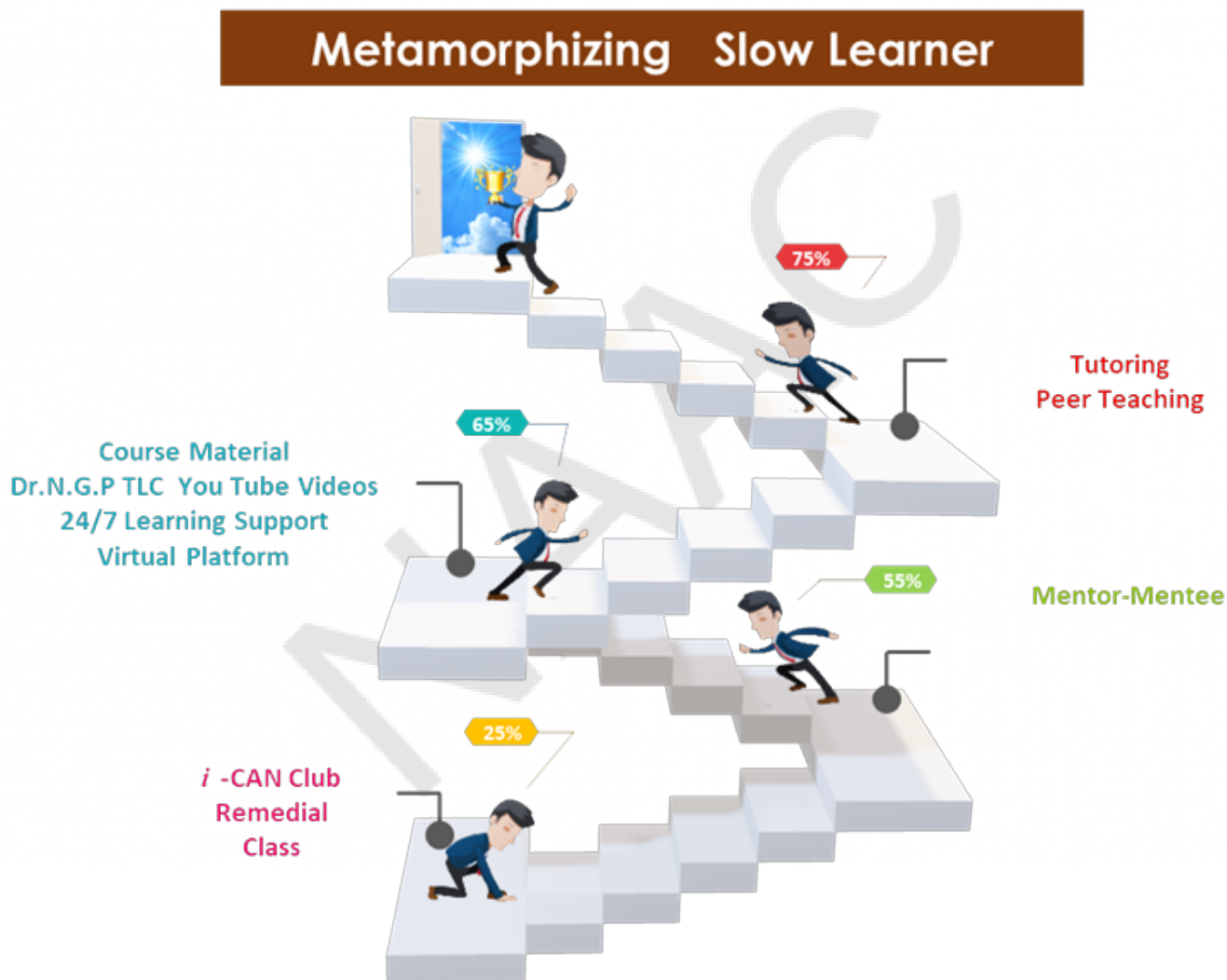


Fig.2.2.1 Metamorphizing Slow Learner

ENGAGEMENT STRATEGIES

SLOW LEARNERS

I - Can Club is created with the mission of boosting the confidence and performance of slow learners through identified methodologies and every department has a wing of the club which implements

- **Remedial Coaching** is offered in the required courses
- **Peer Teaching** is encouraged in which advanced learners train the slow learners
- **Assignments and Cycle Tests** for re-iterating the concepts
- **Learning Materials** such as course material, question banks and video lecture are given

- **Mentor-Mentee and Tutoring System** to monitor students' academic performance and difficulties
- **Special Lectures and Interactions** by experts of different domains to motivate students



Fig. 2.2.1 Advanced Learner

ADVANCED LEARNERS

I - Con Club identifies exemplary learners across departments and kindles their spirit and interest through the following measures

- **Extra Credits** are given for completing Massive Open Online Courses (MOOCs)/NCVRT Courses/Value Added Certificate Courses
- **Research Aptitude/Innovation** is ignited through NGPnnovation/Seed Money – pilot project /Startup/IoT
- **Career Advancement** through training on NET/SLET/GATE/UPSC/CA/ACS/BEC
- **Higher Education** awareness and support for education in India/abroad
- **Tutoring** peer students with learning difficulty
- **Academic Recognition** such as membership in Boards of Studies, star performer-academic, merit based ranking and best outgoing student awards

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 17.8

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Response: Affirmative

The institution inculcates value based holistic higher education by imparting adequate skills and attitude through experiential/participative learning and problem-solving methods. **The Choice Based Credit System (CBCS) with Outcome Based Education (OBE)** model facilitate student-centric learning. The institution takes adequate measures to impart the top essential skills as suggested by the **World Economic Forum (WEF)**

EXPERIENTIAL LEARNING

The curricular and co-curricular activities impart greater learning opportunities through,

- **Practical Learning Exposure** facilitated by hands-on laboratory experiments
- **Internship** as a part of curriculum provide on the job learning experience
- **Advanced Learner Course** allows participants to undertake internships overseas
- **Field/Industry Visits Assists** to interlink the facts with the practical field
- **Lab-on-Project (LoP)** as a part of curriculum inculcates research aptitude during under graduation
- **Industry Linked Programs** like Commerce with Business Process Services, Clinical Lab Technology, Computer Science with Cognitive Systems and Medical Physics offer intense practical training in line with **Industry 4.0**
- **Market Expos and Exhibitions** by management students provide platform to understand event planning, product promotion and business skills
- **Role and Street Play** stimulate students' learning skills using real world scenarios
- **Clubs, Centers and Cells** create an engaging environment to develop new competencies

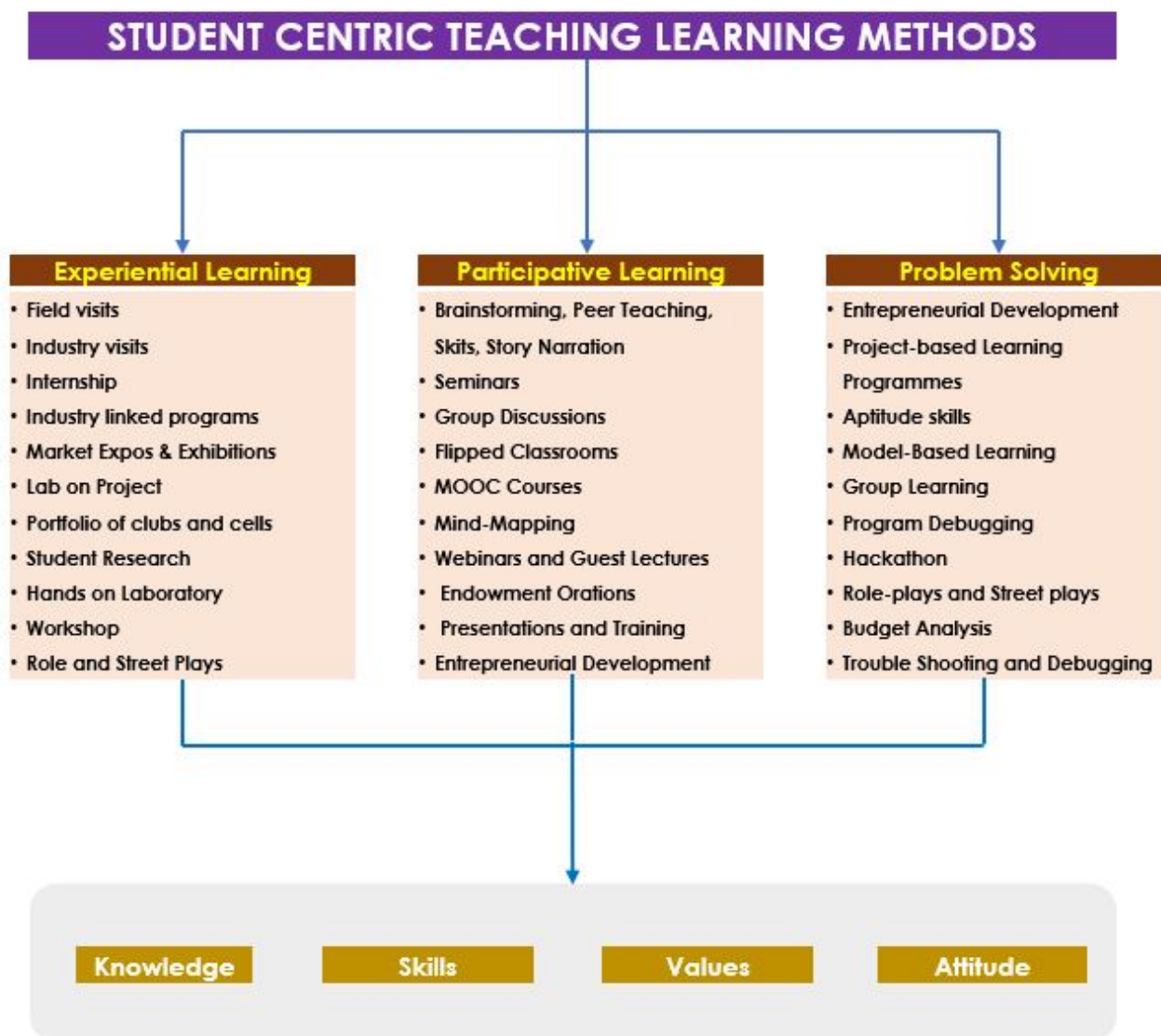


Fig.2.3.1 Student Centric Teaching-Learning Methods

PARTICIPATIVE LEARNING

Students are given wide opportunities to enrich their knowledge through,

- **Group-Learning** experiences through **Brainstorming, Peer Teaching, Skits, Story Narration, Seminars and Group Discussions**
- **Guided Library Hour** is pivotal in cultivating reading culture and develop research ideas
- **Flipped Classrooms** cultivate blended learning in which students steer class discussions
- **Webinars, Guest Lectures and Endowment Lectures, Presentations and Training** sessions by corporate entities and prospective recruiters inculcate participatory learning experience
- **Self-Study Course** promotes learning with self-interest and earning extra credits
- **Students Seminars and Technical Presentation** enables knowledge sharing with peers
- **Extra Credits** for online courses like **MOOCs, SWAYAM, NPTEL, UGC, IGNOU, NCVRT, Coursera and Spoken Tutorial** encourage participative learning
- **Group Discussion** conducted unit wise to share their understanding of the topic

PROBLEM SOLVING METHODOLOGY

Students are equipped to identify/solve real-time problems and uplift the overall development and understanding through,

- **Case Study Analysis and Discussion on Budget** to improve analytical thinking and indepth exploration of complex issues
- **Project-Based Learning** to acquire knowledge and skills through active exploration of real world challeges and problems
- **Aptitude Skill** training helps students to acquire problem-centric learning experience
- **Model-Based Learning** approach fosters optimization of students' affective, cognitive, and motor skills
- **Group Learning Methods** develop problem-solving, interpersonal, presentational and communication skills
- **Problem Solving, Debugging and Trouble Shooting** helps students to develop critical thinking skills
- **Hackathon** create opportunities to work in small groups towards solving real world challenges

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

Response: Affirmative

ICT Integration with a well-defined ICT policy enables responsible and effective usage of IT resources. The institution in association with ICT Academy of Tamil Nadu (ICTACT), Government of Tamil Nadu trains faculty on Digital Teaching Techniques through regular FDPs and workshops.

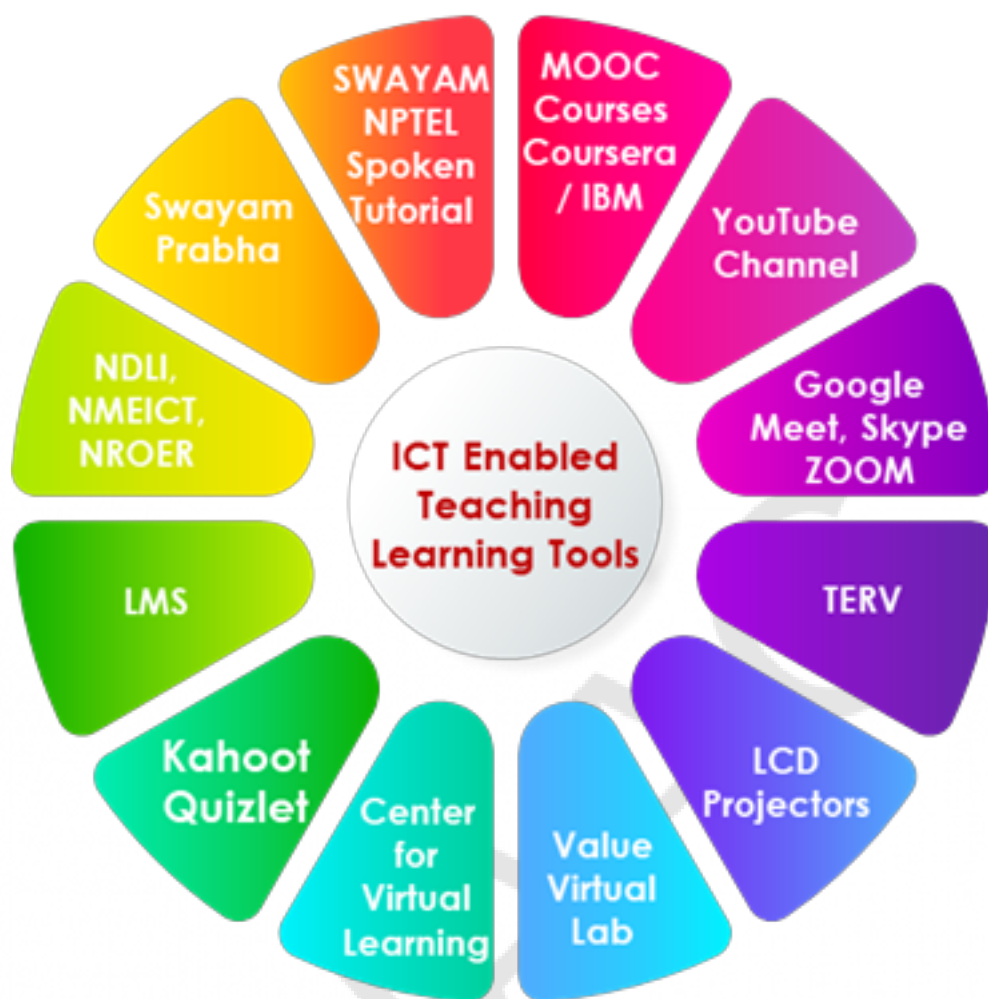


Fig.2.3.2 ICT Enabled Teaching Learning Tools

ICT ENABLED TECHNIQUES

- **LCD Projectors/Wi-Fi/LAN** are available in 149 classrooms, 16 computer laboratories, 8 seminar halls, conference and board rooms to support ICT enabled teaching-learning
- **Digital Classroom** facilitates sharing of videos, presentation, online study materials and other learning resources. In addition, student rubric assessment involving assignments, unit-wise Multiple-Choice Questions (MCQ) and Tests are conducted
- **Language Laboratory** fosters a complete learning solution to enhance communication skills. Tools like Clarity software, S-Net, ReNet support interactive training in communication and personality development

LEARNING MANAGEMENT SYSTEM

- **Google Classroom, Edmodo and Moodle** platforms used to assist ICT enabled knowledge sharing
- **Quizlet and Kahoot** used as e-learning forum to conduct curriculum-based activities to redefine teaching methodology

MASSIVE OPEN ONLINE COURSES (MOOCs)

- **MOOCs** platform provides easy access to global resources and helps national/international

collaboration between educators and learners. Students gain extra credits on completion of MOOC courses

VIDEO CONFERENCING TOOLS

- **Google Products** accelerate learning through online classes, webinars, alumni interactions, inter-departmental competitions and training programs

MOBILE APPLICATIONS

- **Mobile Applications** are developed by students to disseminate day-to-day activities of institution among faculty, staff and students
- **TERV** is used as a platform to train and enhance coding skills of students

VALUE VIRTUAL LAB

- **V-Lab** of Ministry of Education, Govt. of India helps students to remotely access simulated science laboratories

NATIONAL DIGITAL LIBRARY OF INDIA (NDLI) AND REPOSITARIES

- **NDLI Club** encourages collaborative, personalized and self-paced learning
- **Digital Platforms** NDLI, e-PG Pathshala, INFLIBNET, N-LIST, NMEICT, NROER and Shodhganga are used for effective learning and research. Shodhsindhu membership helps to access e-resources and databases
- **National Academic Depository (NAD)** allows students to deposit certificates and academic awards

OUTCOMES OF ICT INTEGRATION

- **SWAYAM-NPTEL** recognized the institution **among Top 100 Local Chapters and Best Local Chapter** in Arts, Science and Commerce categories
- **Membership in SWAYAM PRABHA** enables students to access contents available in NPTEL, IITs, UGC, CEC, IGNOU
- **Spoken Tutorial**, IIT-B recognizes the institution as **NODAL Resource center** to foster training in **Free and Open-Source Software (FOSS)** and supports flexible earning of extra credits
- **Coursera** has recognized the institution as a member for various online courses
- **Ministry of Education**, Govt. of India recognized the institution as a member of V-Lab
- **NDLI** has recognized the institution as NDLI Club Member
- **Ministry of Education**, Govt. of India recognized the institution as a member in NAD

AY	SWAYAM-NPTEL	SPOKEN TUTORIAL	OTHER MOOC COURSES
2020-21	1120	5116	4978
2019-20	546	4614	5296

2018-19	1442	6704	2260
2017-18	617	5485	2308
2016-17	58	11133	2659
Total	3783	33052	17501

File Description	Document
Any additional information	View Document
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	View Document
Link for Additional Information	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 19.11

2.3.3.1 Number of mentors

Response: 366

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	View Document
Circulars pertaining to assigning mentors to mentees	View Document
Any additional information	View Document
Link for additional information	View Document

2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

Response:

Response: Affirmative

The institution has systematic practice of preparing and following the academic schedule in teaching-learning process. The Academic calendar is devised accordingly; the general plan of the institution, specific information and guidelines, student responsibilities, rules and regulations, scholarship details, attendance details and evaluation process.

INSTITUTION LEVEL

- **Academic Calendar** is prepared by the constituted committee comprising the Principal, Deans, Controller of Examinations (CoE), IQAC Coordinator and Senior faculty. The schedules like examinations, commencement of classes, celebration and observation of national important days, study and government holidays are planned in advance. All mandatory information about the institution for implementation and smooth functioning are included
- **Strategic Plan** for the academic year is prepared, incorporated in the calendar for distribution to faculty, staff and students in prior
- **Deviation** if any due to unforeseen reason is addressed with approval of Principal

DEPARTMENT LEVEL

- **Head of the Departments** in consultation with faculty finalize allotment of courses, timetable and other responsibilities. Log Book for all courses are prepared by concerned faculty. The final timetable, lecture schedule and lesson plans are approved by the respective Deans. Head of the Department monitors and adheres to the activities of the academic calendar
- **Department Meetings** are conducted to review the activities scheduled, deviation if any, is addressed and rectified

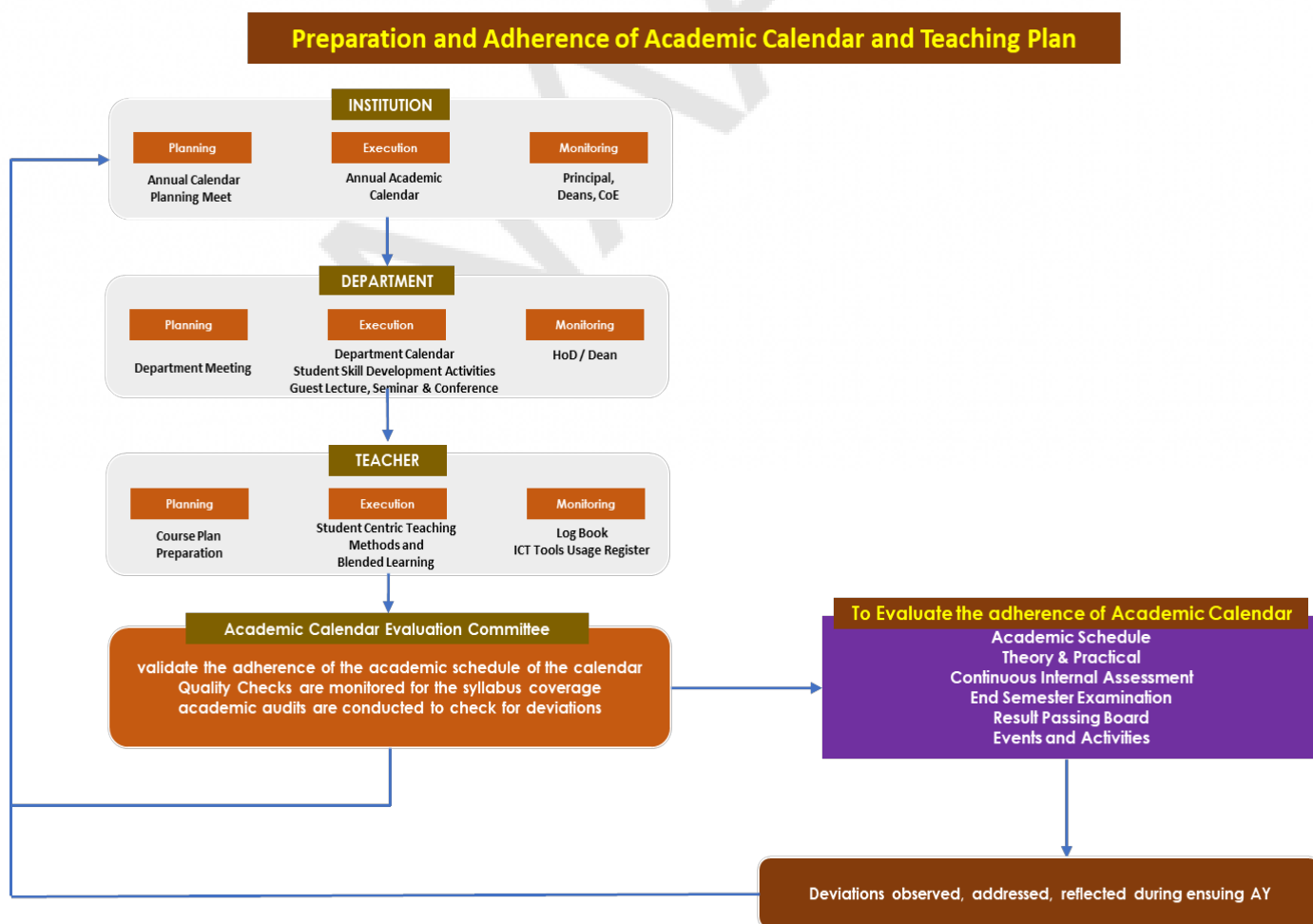


Fig. 2.3.4 Preparation and adherence of Academic Calendar and Teaching plans

TEACHER LEVEL

- **Log Book** is maintained by the course in-charge to record the planned and actual teaching schedules, internal assessment, etc.
- **Log Book Audit** is carried out by a constituted committee every semester for corrective measures. The completed log book is submitted to Dean-Academics and Principal for approval

ADHERENCE TO ACADEMIC CALENDAR

- **Calendar Validation** committee is constituted to validate the adherence to academic calendar. The committee monitors the academic schedule (theory/practical), conduct of CIA, End Semester Examination (ESE), publication results and co-curricular events. The identified deviations and recommendations are submitted to the Principal. The necessary directions are given to academic calendar committee for implementation in the ensuing academic year calendar

OUTCOME

- **Weekly Order** is followed to nurture holistic development of students from AY 2019-20 and onwards instead of Day Order system
- **Academic Activities** are scheduled only from Monday to Friday while club and extracurricular activities are organized on Saturday
- **End Semester Examination** is planned and completed within fifteen days
- **Calendar of Events** are planned well in advance by all the departments

Organizational Info	Academic Info	Non-Academic Info
<ul style="list-style-type: none"> • About the Institution • The student • Institution Byelaws • Code of Conduct for Students • Ragging • Sexual Harassments Complaints Committee • Examinations • Notice Board • Mobile phones 	<ul style="list-style-type: none"> • Academic programmes • Curriculum • Assessment and Evaluation • Academic Facilities • Research laboratories • FIST Laboratory • Centre for Value Education and Tutorial System • Controller of Examinations • Examination Cell • Internal Quality Assurance Cell • Memorandum of Understanding 	<ul style="list-style-type: none"> • College Committee for the Academic year • Clubs and Cell • Placement Services • Student Associations • Department Associations • Alumni Associations • Parent-Teacher Association • Co-Curricular Activities • Best Practices • Institution facilities • Institution Fee • Scholarship • Faculty • List of Holidays • Academic Year Working Days • Diary Report • Timetable

Fig. 2.3.4 Academic Calendar Details

File Description	Document
Upload Academic Calendar and Teaching plans for five years	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 99.6

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 42.66

2.4.2.1 Number of full time teachers with *Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit.* year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
219	172	131	127	100

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**Response:** 9.13**2.4.3.1 Total experience of full-time teachers****Response:** 3589.52

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5 Evaluation Process and Reforms**2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years****Response:** 13.9**2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
10	9.5	15.5	13.5	21

File Description	Document
Institutional data in prescribed format (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**Response:** 0.94**2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
35	72	107	154	162

File Description	Document
Number of complaints and total number of students appeared year wise	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

Response:

Response: Affirmative

IT INTEGRATION IN EXAMINATION PROCEDURE

A customized Examination Management System **CAMPES** has been developed for the institution to automate the Continuous Internal Assessment (CIA) and End Semester Examination (ESE) process.

INTEGRATION OF TECHNOLOGY IN EXAMINATION



Fig.2.5.3 Integration of Technology in Examination Process

AUTOMATED EXAMINATION PROCESS

Following are the key features of the Examination Management System

- Nominal Roll generation
- Course Mapping for examination purpose
- Payment of examination fee
- Generation of Hall Tickets
- Downloadable application and Online Payment for Re-totaling, Re-valuation, Photocopy, Duplicate Mark Statement, Correction of Mark Statement and Transcript
- Separate module in the examination software to conduct MCQ Examination
- CIA and ESE schedule of examination, venue and seating arrangements
- Publication of Examination Results
- Online Examinations (10 Marks) in all theory courses
- Online General Awareness Course examination

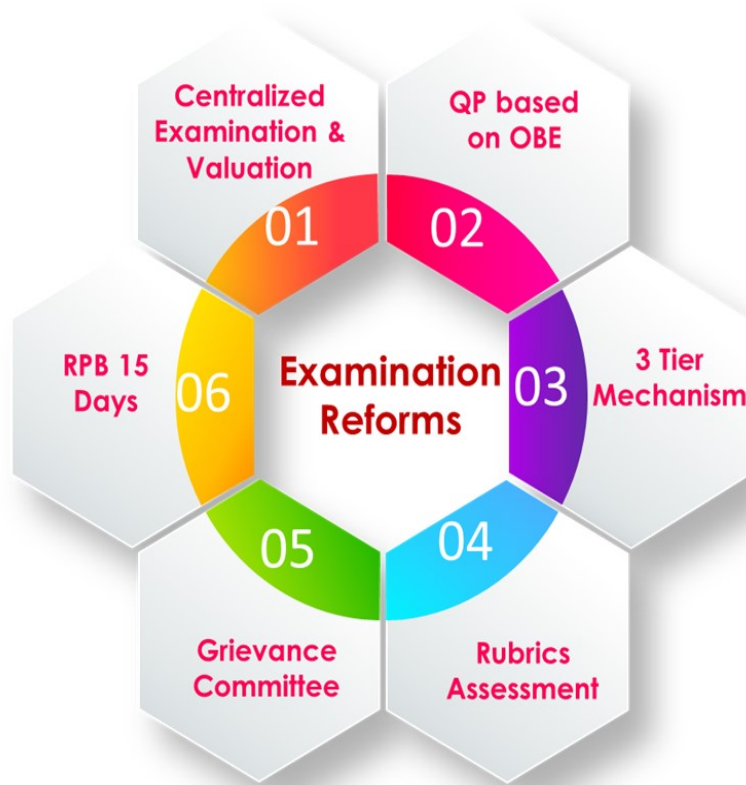


Fig 2.5.3 Examination Reforms

EXAMINATION REFORMS

- **Centralized Examination** and Valuation for CIA and ESE
- **Question Paper** based on Outcome Based Education (OBE)
- **Feedback** on Question paper by the course handling faculty
- **Examination Squad** for CIA and ESE
- **Question Paper** set by Panel outside Bharathiar University
- **Scrutiny System** to ensure accuracy of evaluation
- **Three Tier Mechanism** in conducting examination
- **Programme Wise Ranking** of meritorious students
- **Mark Statement** with nine **security features** including photograph and QR code
- **Revision of Panel of Examiners** once in three years
- **Provision for Improvement** of performance in the previous two semesters
- **Supplementary Examination** for outgoing students
- **Examination Grievance Committee** to address the examination related Grievances
- **Disciplinary Action Committee** to address the malpractices of the students
- **Examination Reforms Committee** to suggest and implement the examination reforms
- **Discipline Wise Ranking** of students based on merit
- **Rubrics** in Internal Assessment which includes library utilization, class participation, case study/ papers/ reports/ assignment/ class presentation, Seminar and Group discussion
- **Decentralized** external evaluation system
- **Declaration of Results** within fifteen working days from the last day of the End Semester Examination

ONLINE EXAMINATION, ASSESSMENT AND VALUATION DURING COVID-19 PANDEMIC

Examination supported by Google products for

- Orientation for effective conduct of examination
- Proctored and recorded CIA and ESE with 1:20 supervisor student ratio
- External question paper setting & scrutiny
- Scribe assistance to the required students
- Evaluation of digital answer scripts
- Result Passing Board and Publication

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Response: Affirmative

Graduate Attributes (GA) of the institution commensurate its vision and mission to impart holistic education. The Programme Educational Objectives are designed to describe the expected career and professional accomplishments. Programme Outcomes are arrived to meet Graduate Attributes of the institution. A set of individually assessable Course Outcomes are designed to attain the Programme Outcomes.

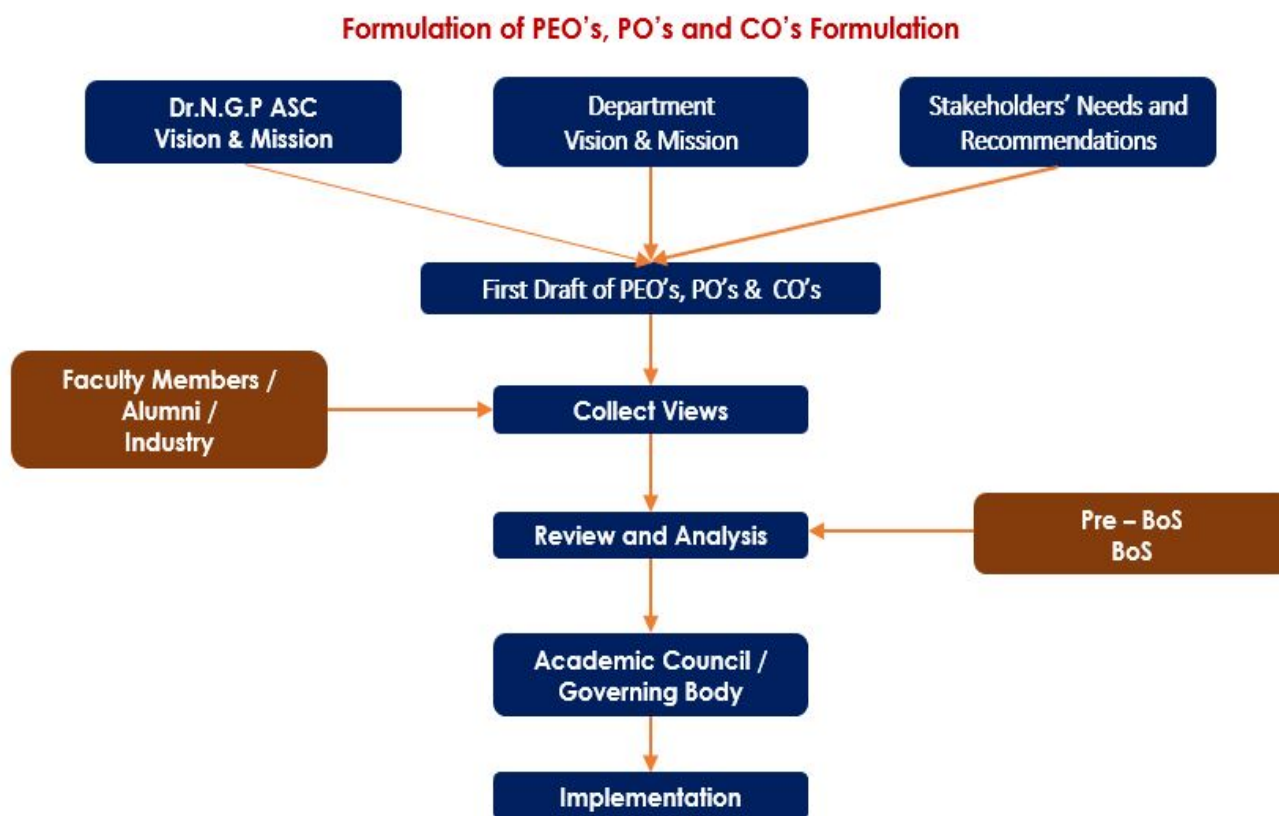


Fig. 2.6.1 Formulations of POs and COs

GRADUATE ATTRIBUTES

The programme outcomes are derived from the Graduate Attributes, a set of individually assessable outcome-based components such as

- **Domain Knowledge** Apply the knowledge in relevant areas of Arts, Science and Management fields
- **Analysis** Identify and analyze complex problems using the knowledge acquired in different domains
- **Design/Development of Solutions** Define solutions for complex problems with appropriate consideration for public health and safety, cultural, societal and environment
- **Team Work** Ability to work effectively as a member and leader in teams
- **Communication Skills** Demonstrate effective communication skills for interpersonal and professional developments
- **Innovative Thinking** Inculcate skills that contribute to productive and innovative outcomes for the enterprise, industry and society
- **Project Management** Able to achieve specific objectives with quality in stipulated time
- **Environment and Sustainability** Understand the environmental factors and focus towards sustainable development

- **Society and Ethics** Apply contextual knowledge for societal welfare and commit to professional ethics
- **Lifelong Learning** Recognize the need to engage in lifelong learning with values

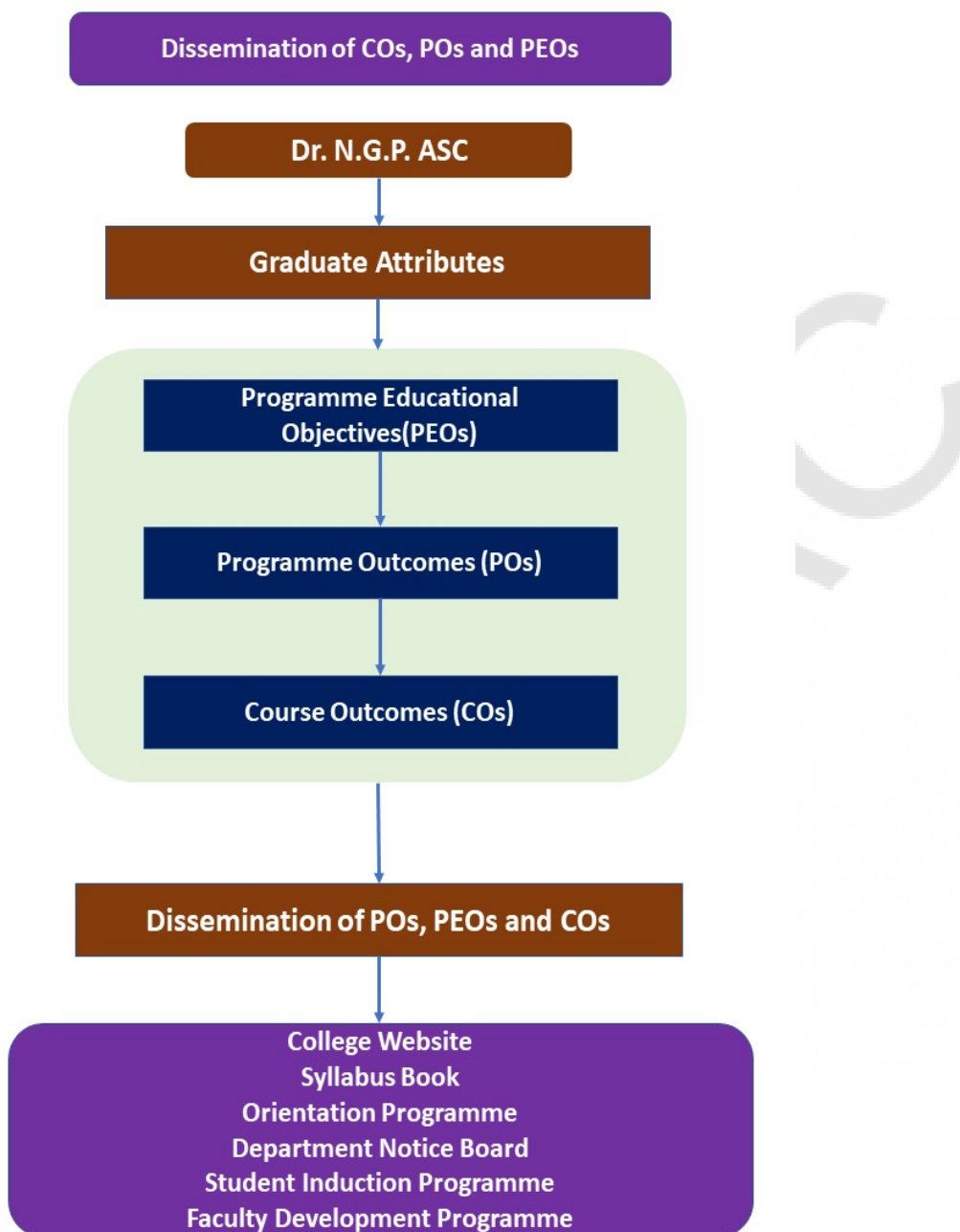


Fig.2.6.1 Dissemination of CO & PO

PEOs, POs and COs

- **Programme Outcomes and Programme Educational Objectives** are endorsed by Board of Studies and approved by Statutory bodies
- **Course Outcomes** are framed by the subject expert with the assistance of peer faculty and submitted to Board of Studies and Statutory bodies for approval

Mechanism to Communicate PEOs, POs and COs

The institution disseminates the PEOs, POs and COs to stakeholders employing:

- Display in College website
- Communicated during the two weeks Student Induction Program(SIP)-**Deeksharambh**
- Discussed during Mentor-Mentee Meetings
- Stated during Alumni, IIPC and PTA Meetings
- Communicated during Faculty Orientation Programs
- Distributed along with syllabus and lab manuals
- Displayed in the department notice boards

SALIENT FEATURES OF OBE

Curriculum Design in lieu with Industry 4.0 and National Education Policy 2020 (NEP 2020)

- **Apprenticeship Embedded Training (6 months)** to produce trained workforce
- **Skill Based Courses** to provide competencies necessary for job readiness
- **Global Emerging Technologies** are introduced in curriculum as listed by World Economic Forum
- **Lab on Project** leads to critical thinking and creativity to encourage innovative research at graduate level
- **Student Centric Learning** to impart competencies necessary for future work force of Industry 4.0

OBE MODEL ADOPTED

- **POs and COs** are balanced with an ideal mapping for effective teaching-learning and student-centric vision
- **Question Papers** for CIA and ESE are prepared to assess and evaluate the students' knowledge and skill
- **Rubrics** assessment to emphasize on conceptual understanding encompassing Class participation, Seminar, Assignments, Case studies, Papers, Reports, Class presentations, Group Discussion, and library utilization
- **Learning Foreign Languages and Hindi** are given extra credit to Promote Multilingualism
- **Outbound and Societal Connect** lead to acquire Life skills such as communication, cooperation, teamwork and resilience

File Description	Document
Upload COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Response : Affirmative

Outcome Based Education (OBE) is adopted from Academic Year 2017 - 2018 to ensure student-centric learning. The OBE assessment is evolved with identification, preparation and evaluation of COs and POs and their systematic attainment. The CO/PO statements are clearly defined, instructional strategies are derived and attainments are measured.

ATTAINMENT OF OUTCOMES

The outcomes are attained in different levels

- The educational goals, objectives, and values are defined through set of POs/COs
- The methodology for achieving the expected learning outcomes is clearly devised
- Assessment criteria are designed in line with the expected learning outcome

The learning level attainment is derived by both direct and indirect methods.

Direct Assessment Methods

- Continuous Internal Assessment (25%) for theory courses are conducted along with rubric assessment
- Continuous Internal Assessment (40%) for practical courses are based on attendance, performance in laboratory, maintenance of observation record, class viva voce and model test
- Student projects/Internships (40%) are evaluated by periodical reviews
- End Semester Examinations carry 75% and 60% weightage for theory and Practical courses /Projects respectively

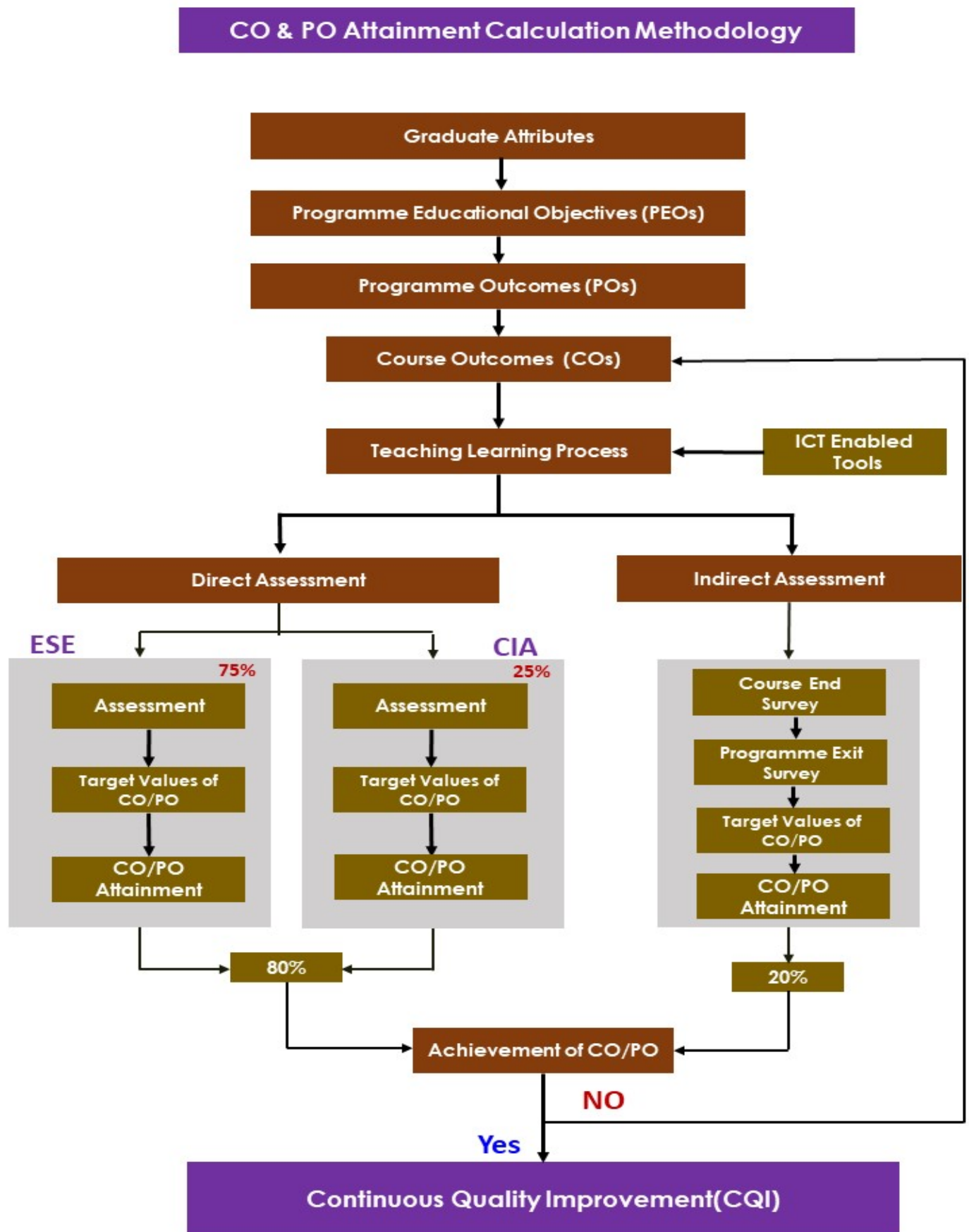


Fig.2.6.2 CO - PO Attainment Calculation Methodology

Indirect Assessment

- Course end survey is carried out by four-point scale with a structured questionnaire given to students at the end of every semester. The CO attainment is obtained by analyzing the collected feedback. The learning level attainment is derived from the CO-PO articulation matrix

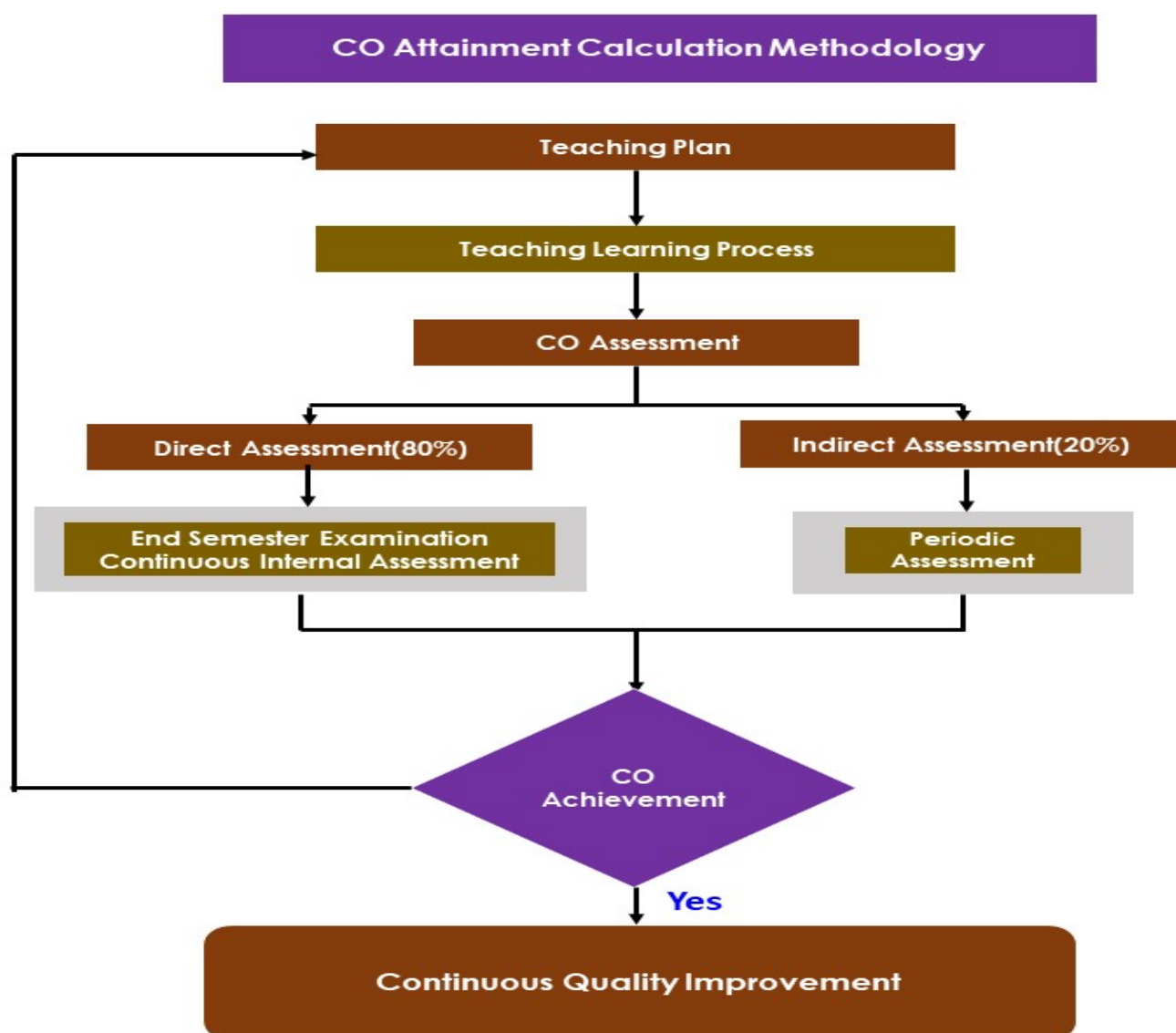


Fig.2.6.2 CO Attainment Calculation Methodology

CO Attainment

CO Attainment is carried out by direct and indirect method. CO-PO articulation matrix is computed on a scale of Level 1 (Low), Level 2(Medium) and Level 3(High). The CO attainment benchmark for UG and PG programmes are as follows

Level	UG Programme (40% marks)	PG Programme (50% marks)	
3	More than 70% of students	More than 70% of students	
2	More than 60% of students	More than 60% of students	
1	More than 50% of students	More than 50% of students	

PO Attainment

The overall PO attainment calculated with 80% weightage for direct attainment and 20%weightage for indirect method.

NAAC

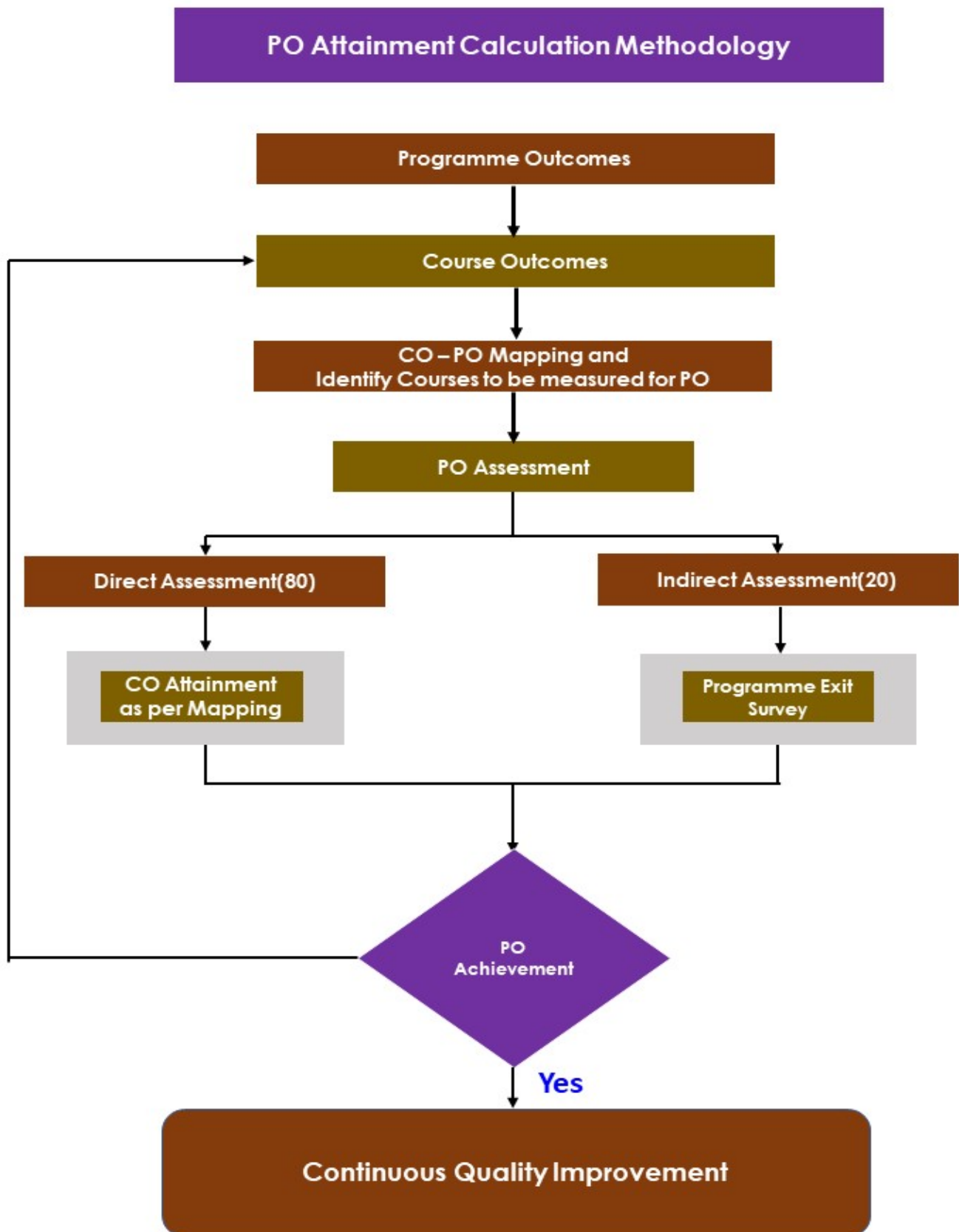


Fig.2.6.2 PO Attainment Calculation Methodology

CO & PO Attainment Calculation Methodology

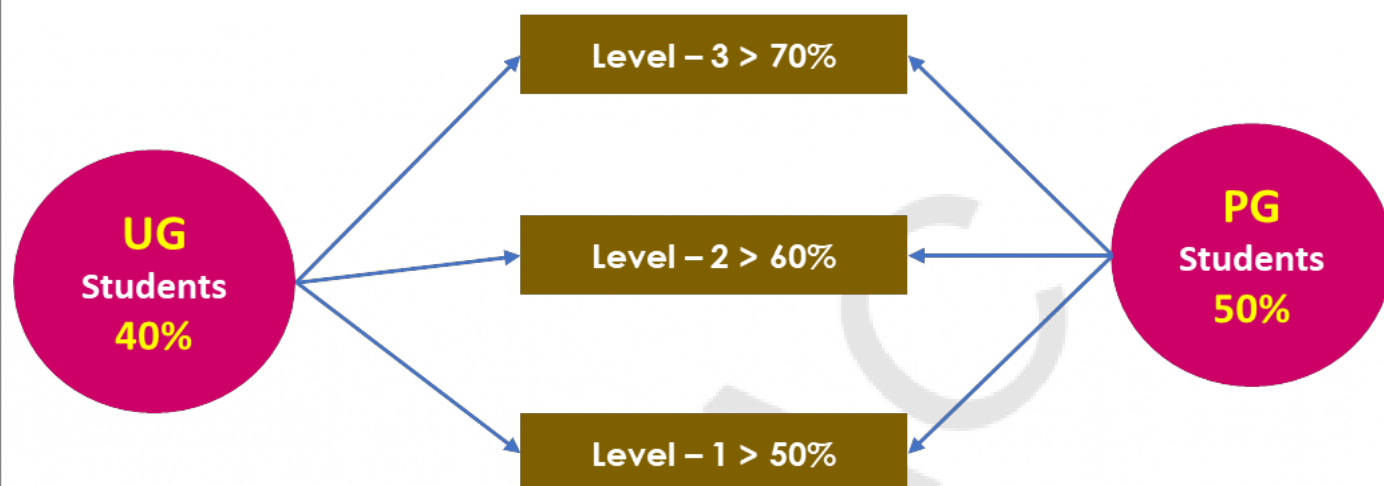


Fig.2.6.2 CO - PO Attainment

OUTCOME

Through the implementation of Outcome-Based Education, it has been observed that the students' enrolment and pass percentage are increasing progressively. There is an improvement in students' progression to higher studies from UG to PG and also in placement of students.

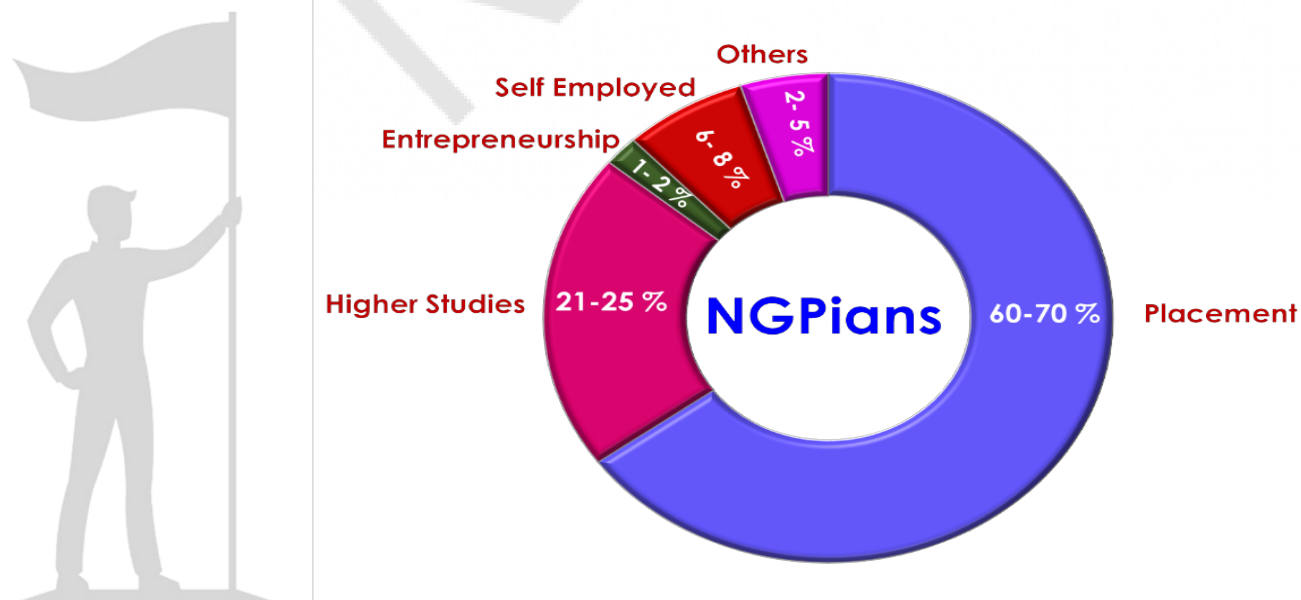


Fig.2.6.2 Dr.N.G.Pians Track Record

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 98.52

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 2526

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 2564

File Description	Document
Upload List of Programmes and number of students passed and appeared in the final year examination(Data Template)	View Document
Any additional information	View Document
Link for the annual report	View Document
Link for additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.93

File Description	Document
Upload database of all currently enrolled students	View Document
Upload any additional information	View Document
Link for any additional information	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented

Response:

Response: Affirmative

The research policy is formulated and the necessary state-of-the-art research facilities are established to promote research, which is in consonance with institution's vision. Special drives are initiated to promote undergraduate research. The affiliating university recognized 13 research centers to undertake quality research. Similarly, Department of Scientific and Industrial Research, Ministry of Science and Technology recognized the institution as Scientific and Industrial Research Organizations (SIROs) to promote research and industrial collaborations



Fig.3.1.1. Research Promotion and Facilities

CENTER FOR RESEARCH

- **Center for Research** is the nodal unit that promotes, coordinates and monitors all research activities
- **Research Advisory Committee** reviews research progress and suggests new initiatives
- **Research Committee** formulates and implements research policy, provides strategic planning for research promotion, collaborations, proposals submission, securing grants-in-aid, improving publications quality and monitoring of research and exchange programmes.

RESEARCH FACILITIES AND UPGRADATION

- **DST-FIST** is a centralized instrumentation facility established to cater research activities
- **Six Post Graduate Laboratories** equipped with advanced equipment enable contemporary research
- **DBT-Star College Scheme** provides ample avenues for graduate research
- **NGPnnovation** fosters the culture of innovation through ideation, pre-incubation and start-up platforms
- **Sixteen Computing Laboratories** promote research in global technological emerging areas like artificial intelligence, internet of things, as identified by World Economic Forum (WEF)
- **Digital Library** provides exclusive access to e-resources and anti-plagiarism tools

CENTER OF EXCELLENCE

- **Two Centers of Excellence** are created in thrust areas to promote inter-disciplinary research
- **Center for Internet of Things** provides multi-disciplinary research and entrepreneurial ecosystem to create industry desired IoT talents
- **Center for Regional Language** intend to promote Tamil tradition/ culture/ literature and honor the writers

RESEARCH PROMOTION POLICY

Research Policy aims to provide an effective research framework and establish a productive research environment

Salient Features

- **Seed Money** amounting to Rs. 11.6 lakhs encourage to undertake pilot studies to secure minor/ major research funding
- **Faculty Improvement Programme** provides opportunities to faculty to pursue research degrees and 9 faculty benefitted (7 Ph.D. and 2 Post Doc)
- **National Symposium on Graduate Research (NSGR)** to promote Undergraduate Research Pan India initiated in the year 2018-19 and continued every year
- **Publications of Quality Research Articles** through reviewing and monitoring the manuscript submission(165 indexed in Scopus, 88 in web of science and 978 listed in UGC)
- **Extramural Research funding** mobilized with necessary guidance (Rs. 259.92 lakhs)
- **Intellectual Property Rights** awareness and financial support extended to obtain patent/ copyrights and innovations protected (2 patent and 7 copyrights)
- **Research Fellowships** encouraged and 26 faculty secured fellowships for research collaboration with premier institutions and to obtain research degrees
- **Consultancy** revenue amounting to a sum of Rs.17.84 lakhs generated through sharing of academic expertise with industry
- **Faculty / Student Exchange** promoted and 19 faculty and students availed the opportunity
- **Incentives** amounting to Rs.8.38 lakhs to encourage funded research project, publications, IPR etc.
- **Eighty-six Awards and Honors** to recognize the research contributions and achievements
- **Research Programmes** offered in various disciplines (13 M.Phil. and 12 Ph.D.)
- **Lab on Project** in curriculum to promote Undergraduate research and research culture

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
Any additional information	View Document
URL of Policy document on promotion of research uploaded on website	View Document

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 2.32

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
3.5	1.1	2.0	3.0	2.0

File Description	Document
Minutes of the relevant bodies of the Institution	View Document
List of teachers receiving grant and details of grant received	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View Document
Any additional information	View Document

3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

Response: 1.5

3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
7	9	6	1	3

File Description	Document
List of teachers and their international fellowship details	View Document
e-copies of the award letters of the teachers	View Document
Any additional information	View Document

3.2 Resource Mobilization for Research

3.2.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 259.92

3.2.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
30.31	17.57	55.79	131.22	25.03

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by government and non-government	View Document
Any additional information	View Document

3.2.2 Percentage of teachers having research projects during the last five years

Response: 3.01

3.2.2.1 Number of teachers having research projects during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4	17	10	11	10

File Description	Document
Names of teachers having research projects	View Document
Any additional information	View Document

3.2.3 Percentage of teachers recognised as research guides

Response: 22.39

3.2.3.1 Number of teachers recognized as research guides

Response: 88

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	View Document
Any additional information	View Document

3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

Response: 25.99

3.2.4.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5	14	7	7	5

3.2.4.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
32	30	29	28	27

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Paste link to funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

Response:

Response: Affirmative

NGPnnovation creates an ecosystem to nurture research temperament, innovation, skill enhancement, IPR generation/transfer and startup/entrepreneurial ventures.



Fig.3.3.1 NGPnnovation

DEDICATED CENTERS OF NGPnnovation

- **Center for Research** coordinates departments to enhance research activities through policy formulation and implementation
- **Center for Skill Development** imparts soft and domain specific skills to make students industry

ready

- **Center for Industry Institute Partnership** brings synergetic partnership between academia and industry
- **Center for Innovation** kindles design thinking and innovations
- **Center for Intellectual Property Rights** creates awareness and promotes IP generation/ transfer
- **Center for Entrepreneurship Development** serves as platform to explore entrepreneurial potential
- **Institution's Innovation Council** approved by Innovation Cell, Ministry of Education, Government of India engages and encourages students in formative years to become entrepreneurs

KNOWLEDGE TRANSFER ACTIVITIES

- **NGPnnovation** connects centers and departments with institutes/industries to up-skill ideas into startups/products
- **Industry Connect** (bi-monthly event) with its six discussion benches (*Thinnai* in Tamil) Bioface, Synergy, Tech Bench, VanighaValagham, Velicham and VetriPadigal brings in Managing Directors/Chairpersons of companies/industries of repute to share their successful business idea(s) and expertise to transform students' ideas into business
- **IIP Conclave** (annual event) invites young entrepreneurs and industrialists to orient senior students for placement and business opportunities
- **Center for Skill Development** imparts soft skills such as professional writing, public speaking, leadership quality and organizes domain specific skills like liquid embroidery, balance sheet analysis, mushroom cultivation, cyber security etc.
- **IPR awareness** to sensitize faculty and students to file copyrights/patents
- **Center for Entrepreneurial Development** organizes awareness camps with the support of National Implementing and Monitoring Agency for Training (NIMAT), DST and Entrepreneurship Development Institute of India (EDII) under National Science and Technology Entrepreneurship Development Board (NSTEDB) to promote and strengthen science and technology entrepreneurship

RECOGNITIONS AND RANKING

- **Principal is recognized as world 2% top most scientist** in Material Science by **Stanford University, USA and Elsevier BV** for consecutive two years 2019 and 2020
- **National Skill Qualification Framework (NSQF)** - UGC approved to offer four skill-based training certificate courses in collaboration with industry
- **Board of Apprenticeship Training (BOAT)**, Ministry of Education, Government of India sponsors B.Com. with GST, with apprenticeship/internship embedded program with industry partnership from the AY 2022-23
- **Member of National Rural Entrepreneurship Mission**, Mahatma Gandhi National Council of Rural Education, Ministry of Education, Government of India
- **SPOKE Institution**, EDII, Dept. of MSME, Government of Tamil Nadu
- **Member of Entrepreneurship Cluster Development Program**, ICT Academy

ARIIA Ranking

- **24th rank in 2021** among Best Performing Institution under the category of Non-Technical/Private or self-financed colleges/ institutes

- **26 – 50 rank in 2020** under band-B
- **Top 100 institutions in 2019**

IIC Ranking

- 3.5 stars out of 5 in 2021
- 3 stars out of 5 in 2020

IPR

Patents

- Granted -2
- Published - 7

Copyrights

- Granted -7
- Filed - 7

Products/Entrepreneur

- IoT based college bus tracking and surveillance device developed
- Mushroom Cultivation training created a women entrepreneur in Karuparayanpalayam village

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 482

3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
202	123	58	58	41

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee	
Response: A. All of the above	

File Description	Document
Any additional information	View Document

3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years
Response: 2.66

3.4.2.1 How many Ph.Ds are registered within last 5 years
Response: 234

3.4.2.2 Number of teachers recognized as guides during the last five years
Response: 88

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.4.3 Number of research papers per teachers in the Journals notified on UGC website during the last five years
Response: 2.83

3.4.3.1 Number of research papers in the Journals notified on UGC website during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
331	209	191	133	114

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years

Response: 1.04

3.4.4.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
181	78	34	25	40

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 4.83

File Description	Document
Bibliometrics of the publications during the last five years	View Document
Any additional information	View Document

3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 13

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document
Any additional information	View Document

3.5 Consultancy

3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 36.28

3.5.1.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
5.03	5.98	13.86	7.41	4.00

File Description	Document
List of consultants and revenue generated by them	View Document
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View Document

3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

Response: 133.18

3.5.2.1 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0.33	2.75	65.99	10.56	53.55

File Description	Document
List of training programmes, teachers and staff trained for undertaking consultancy	View Document
List of facilities and staff available for undertaking consultancy	View Document
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View Document
Any additional information	View Document

3.6 Extension Activities

3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

Response:

Response: Affirmative

INSTITUTIONAL SOCIAL RESPONSIBILITIES (ISR)

DRNGP ISR sensitizes students towards social issues and inculcates ethical and moral responsibilities by service to neighborhood communities.

SCHEMES

- **Unnat Bharat Abhiyan -Village Adoption** Five villages (Thippanur, Agrahara Samakulam, Padhuvampalli, Nellithurai, Velliyangadu) are adopted under the scheme
- **Center for Societal Connect** conducts a survey in rural villages to study their health, occupation and socio-economic conditions and to extend support
- **Swachh Bharat Mission** is adopted and activities like tree plantation and plastic eradication camps are organized
- **Eco Club** organizes campaign on water conservation, plastic pollution, organic farming etc.
- **Nutrition and Fitness Club** orients school children on nutrition, Recommended Dietary Allowance (RDA) calculation etc. and organizes food expos on nutrition
- **Blood Donors Club** in association with NSS, YRC & RRC organizes blood donation camps and 630 units of blood donated
- **Tree Plantation** campaigns promote awareness on greener environment, deforestation, soil erosion, desertification, ground water diminution and global warming and close to 40,000 saplings were planted
- **Center for Women and Gender Development** organizes activities on gender sensitization and equality
- **Women's Forum** conducts activities on women's health, legal rights, gender sensitivity,

workplace sexual harassment and women's day

- **NSS** organizes blood donation camps, drug abuse awareness rallies, International Yoga Day, FIT India and digital India campaigns
- **YRC and Red Cross** conduct awareness camps on health & COVID -19 and training on fire safety and disaster management
- **RRC** conducts camps on blood donation and vision awareness, Women's equality and Farmer's day celebrations
- **Kalam's Memorial Day's** celebrated by organizing tree plantation awareness rally in association with Kalam Educational Trust
- **National Science Day celebrations** organized in Government schools sponsored by Balagurusamy Trust
- **Women empowerment** and rural development activities sponsored by Rajiv Gandhi Charitable Trust
- **Science Day** celebrations in rural schools in association with Tamilnadu State Council for Science and Technology (TNSCST) and NGOs
- **Friends of Police** unit at Coimbatore City sponsored awareness programmes on road safety, helmet and traffic rules
- **Programmes** on awareness (World Breast Feeding week, nutrition for pregnant and lactating mothers) and training (orphanage, mushroom cultivation) are organized by departments of food science and nutrition



Fig.3.6.1 DrNGP- Institutional Social Responsibilities**IMPACT OF EXTENSION ACTIVITIES**

- **Academic Credits**

One credit is awarded to students for extension activities

- **Awards and Honors for extension activities**

- Certificate of Appreciation for YRC Programme officer during 2020
- Certificate of Appreciation for YRC Student volunteer during 2020
- Best NSS Officer during 2019 awarded by Friends of Police in 2019
- Best Protein recipe for Tuberculosis by National Institute for Research in Tuberculosis, Indian Council for Medical Research in 2021
- Best Celebration award by breast feeding network of India during 2019

- **Achievements**

Extension Activities	549	
Beneficiaries	57 villages	
Students Sensitized	36306	
Awards and Recognitions	130	
Agencies	IMA, FOP, NGOs, Orphan Keepers, Municipality, Gram Panchayats, Mistress	

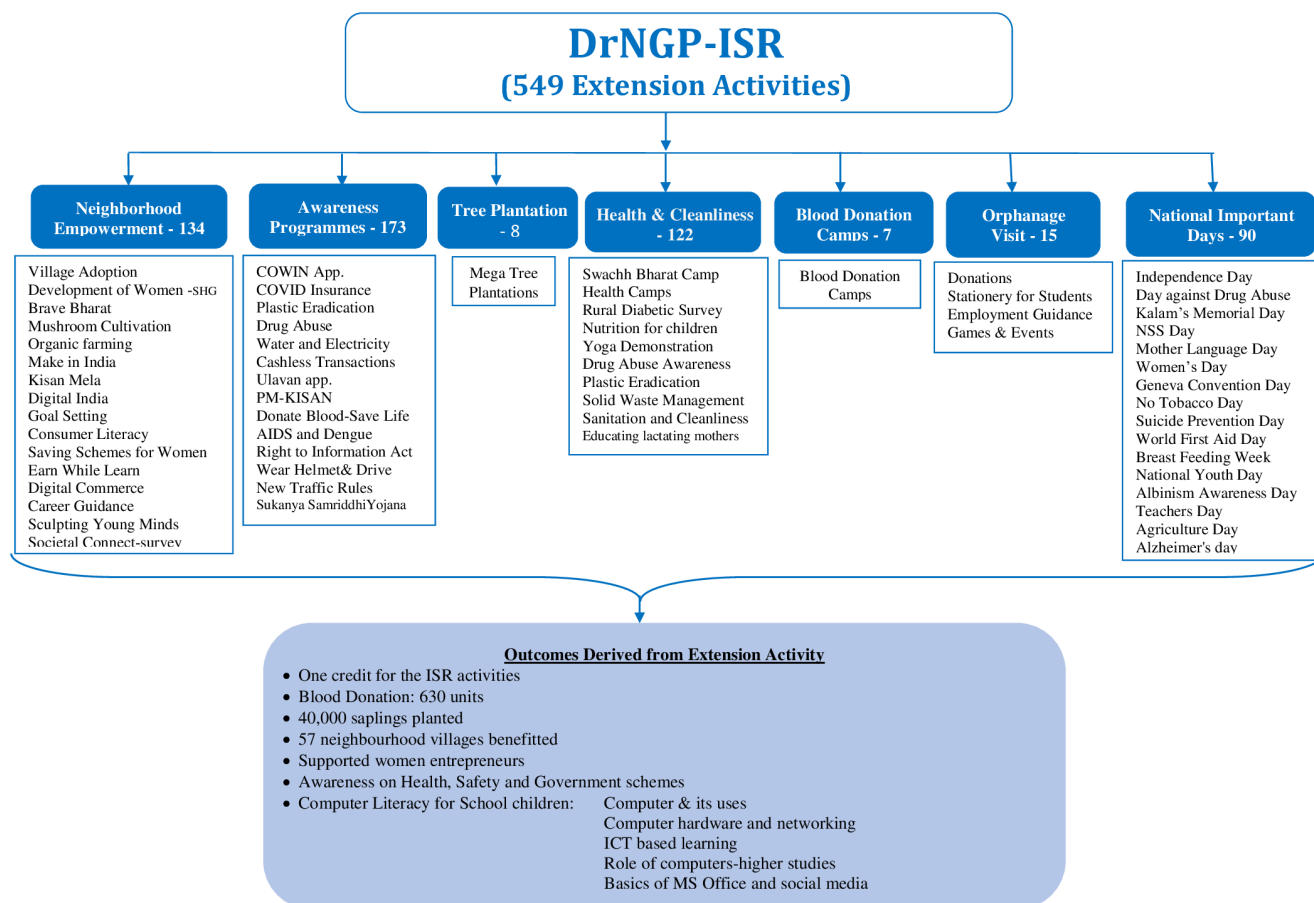


Fig.3.6.1 Impact of Extension Activities

File Description	Document
Upload Any additional information	View Document
Paste link for additional information	View Document

3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years

Response: 25

3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
3	10	6	4	2

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 549

3.6.3.1 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
108	154	111	96	80

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 109.16

3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
6841	9860	8330	4788	6487

File Description	Document
Reports of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.7 Collaboration

3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

Response: 330

3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work

2020-21	2019-20	2018-19	2017-18	2016-17
131	266	866	188	199

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 65

3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
34	7	5	5	14

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	View Document
Any additional information	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

Response: Affirmative

INFRASTRUCTURE POLICY

The Infrastructure Policy of the institution is *to ensure adequate facilities for effective teaching-learning and holistic development of students, strengthening its infrastructural facilities according to the functional and growing needs of the institution to provide conducive academic environment.*

The green campus (7.41 acres) is well-planned with facilities for academic and co-curricular activities with built in area of 574175 sq ft. The floor space, furniture, equipment, support system and ICT facilities for classroom, laboratory, library and reading rooms are fulfilled meeting the statutory requirements of UGC, Bharathiar University, TANSCH and Atomic Energy Regulatory Board-AERB (M.Sc. Medical Physics only).

PHYSICAL FACILITIES

Classrooms

Adequate number of classrooms (149) equipped with ICT and Wi-Fi facilities, broad staircases, corridors and elevators.

Laboratories

- **35 Laboratories** (31 domain specific and 4 research) with modern equipment for experiential learning and quality research
- **DST-FIST** laboratory includes equipment like gel-doc system, PCR machine, Lyophilizer, ELISA reader, UV-Spectrophotometer and Milli-Q to facilitate research
- **DBT-STAR** scheme provides instrument such as nano-spec, stereo microscope, inverted/phase-contrast microscope with camera, ultrascope etc. to promote science education and undergraduate research

COMPUTING FACILITIES

- **Sixteen Computer Laboratories and One Hardware Lab** with 1463 computers, licensed software supported by 100 Mbps leased line connectivity
- **LAN Connectivity** through Optical Fibers
- **Wi-Fi** with 93 access points
- **YouTube Channel** to facilitate anytime anywhere learning

CENTER OF EXCELLENCE

- **Center for Regional Language** equipped with facilities to promote Tamil culture/literature
- **Center for IoT** equipped with 15 computers and 15 IoT hands on training kits to enrich young talents in emerging field of IoT by offering skill training and to develop IoT products in multiple technological platforms

NGPnnovation

- **NGPnnovation** with facilities to support skill enhancement, entrepreneurship and start-up ventures

LIBRARY

- **Library** with a total area of 36400 sq ft. is well stocked with 42549 volumes of books with 19863 titles, research reports, periodicals and magazines
- **Digital Library** with 60 computers support access to online resources
- **24×7 Learning** powered by remote access to OPAC, e-resources and databases like N-List, EBSCO and CMIE PROWESSIQ
- **Amenities** like reading cabin, reference halls, own book reading area, presentation hall with total seating capacity of 500 are available

ADDITIONAL FACILITIES

- Seminar halls, board rooms and conference centers equipped with ICT facilities
- Multicultural open arena for large gatherings
- Center for Training and Placement with discussion rooms, mock interview cabins, panel rooms and board rooms
- Exclusive space for 23 different centers which caters curricular and co-curricular activities
- KMCRET, KMCH and AOSTA support collaborative learning and research
- Sports facilities, men and women hostel, guest house, cafeteria, parking, common dining, general stores and banking facility are available
- Emergency Assembly Point (EAP area) is ear marked in front of all academic blocks. In case of emergency situations, students, staff and faculty are evacuated from all buildings

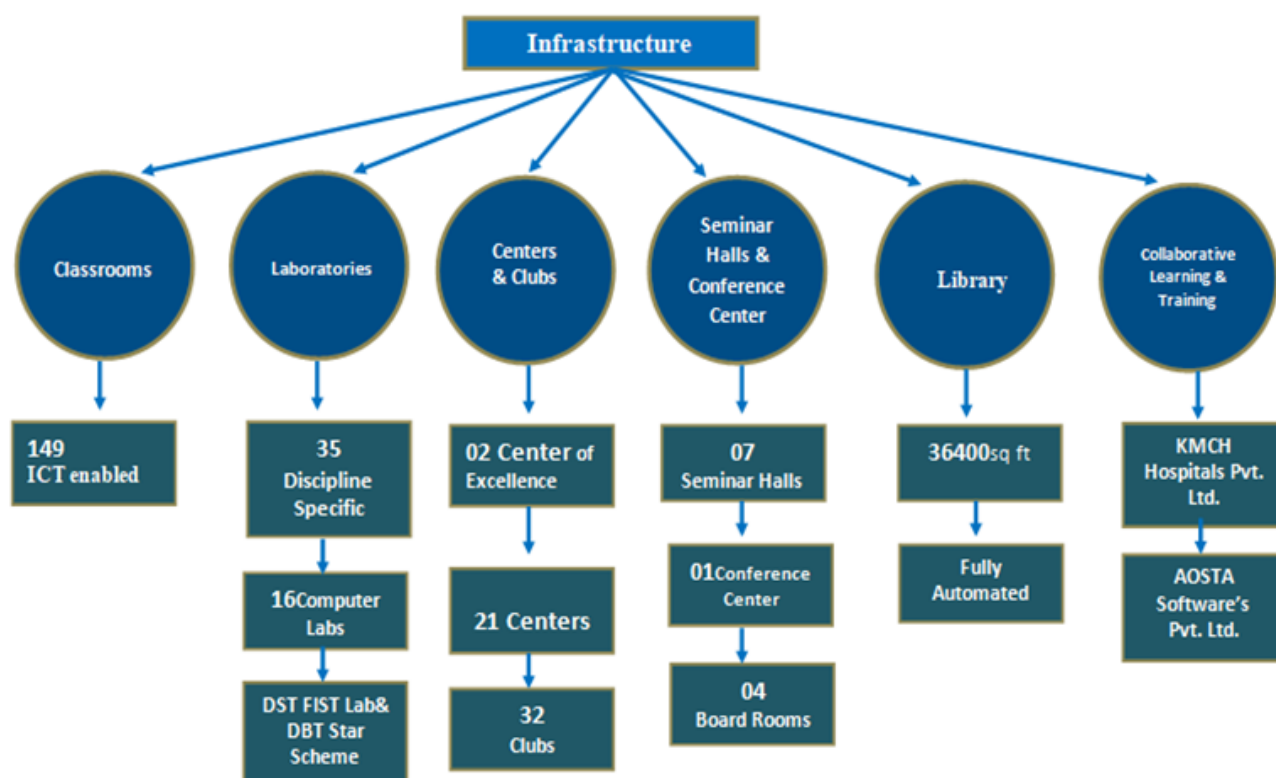


Fig. 4.1.1 Infrastructure Facilities

File Description	Document
Upload Any additional information	View Document
Paste link for additional information	View Document

4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

Response:

Response: Affirmative

Facilities are available to train and organize cultural, yoga, sports and games to reinforce holistic development and take part in Fit-India movement

FACILITIES FOR EXTRA-CURRICULAR/CULTURAL ACTIVITIES

- Seminar hall I Kambar Arangam (2430 sq ft.) with 250 seating
- Seminar hall II Avvai Arangam (910 sq ft.) accommodates 150 members
- Seminar hall III (3399 sq ft.) with seating of 300
- Seminar hall IV (2651 sq ft.) accommodates 250 members
- Seminar hall V (3399 sq ft.) with seating capacity of 300 members

- Seminar hall VI (1100 sq ft.) accommodates 100 members
- Seminar hall VII (2500 sq ft.) with seating of 200 members
- NGP Conference center (9747 sq ft.) with seating of 1200
- Musical Room with necessary instruments
- Open air stage–Paavai Arangam (4700 sq mt.) with seating of 10,000
- An exclusive YouTube channel to showcase and popularize events

FACILITIES FOR YOGA

- An exclusive Yoga Center with Yoga trainer

FACILITIES FOR SPORTS AND GAMES

Outdoor

- 400-meter standard track with supporting equipment
- Football field (110x75 sq mt.)
- Two volleyball courts (18x9 sq mt. each)
- Basketball court 28x15 sq mt.
- Ball badminton court (13.40x6.1 sq mt.)
- Cricket ground with matting and pitches for net practice (30x10 sq mt.)
- Kabaddi court (12.5x10 sq mt.)
- Kho- kho court (27 x19 sq mt.)
- Hockey field (100x60 sq mt.)
- Throw ball court (12.20 x 18.30 sq mt.)
- Tennikoit court (12.2 x 5.5 sq mt.)

Indoor

- Table Tennis (2 Nos)
- Chess Room
- Carom room (8 boards)
- Shuttle Badminton Court (1500 sq ft.)

GYMNASIUM

- Multi fitness-gym (Men-1500sq ft. and Women-750 sq ft.)
- Equipment such as treadmill(3), Cycling (1), Cross over machine (2), leg press (2), Twister (1), Leg & chest curl (2), Bench press(1), Seated Rowing (1), Shoulder Press (1), Arm curl (1), Inner & Outer thigh press (2), Abdominal & press (2), Weight Training Plates& Stand (18), Dumbbells (15), Medicine Ball (2) and Olympic bar (2) are available to maintain fitness and health

UTILIZATION OF FACILITIES AND ITS OUTCOME

- **EXOTICA** a South Zone Intercollegiate cultural meet conducted every year with enthusiastic participation of students across the state
- **NGPFEST** an inter-departmental cultural event brings together fun, knowledge, creativity, innovation and freshness

- **MULTI-CULTURAL FESTIVAL**, an annual event celebrated to bring harmony among students and voice for One-India
 - **220 Prizes** bagged by our students in cultural events across the state
 - **Intramural and Extramural** sports and games for faculty, staff and students
 - **Alumni and Trainers** from National level mould and shape the college teams
 - **13 National and 2 International Medals** through 38 representations by students
 - **Overall Championship** in affiliating Bharathiar University intercollegiate tournaments
-
- Athletics : 2 times (Consecutively)
 - Hockey : 3 times(Consecutively)
 - Cross Country : 2 times
 - Kabbadi : 3 times (consecutively)
 - Power lifting : 1 time

EMPLOYABILITY

- 6 students placed in Indian Army
- 1 student placed in Indian Air Force
- 9 students placed in Tamil Nadu Police
- 2 students placed through Railway Recruitment Board



Fig.4.1.2 Cultural and Sports Facilities

File Description	Document
Upload any additional information	View Document
Geotagged pictures	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 99.36

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 156

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 77.01

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
1938.24	616.24	1001.65	834.01	613.24

File Description	Document
Upload Details of Expenditure , excluding salary during the last five years	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource**4.2.1 Library is automated using Integrated Library Management System (ILMS)**

Response:

Response: Affirmative

The library is fully automated with Integrated Library Management System (ILMS) supported by **CampeziLIB** software (Current Version -6.4.9) since 2004 and **Web OPAC** from 2021. The library is newly expanded with an extensive area of 36400 sq ft. in D1-block and equipped with 42549 books (19863 titles), 5060 Back Volumes, 1889 CD/DVDs, 260 Periodicals, 4050 Project Reports and 8 Newspapers. The annual average budget for the library is sum of Rs.26.88 lakhs towards purchase of books and subscriptions.

INTEGRATED LIBRARY MANAGEMENT SYSTEM

- **CampesiLIB** facilitates acquisition, cataloging, circulation, administration, E-gate register, and reporting
- **OPAC** allows search, reservation, circulation, status and overdue of books
- **Web-OPAC** allows remote anywhere anytime access to library

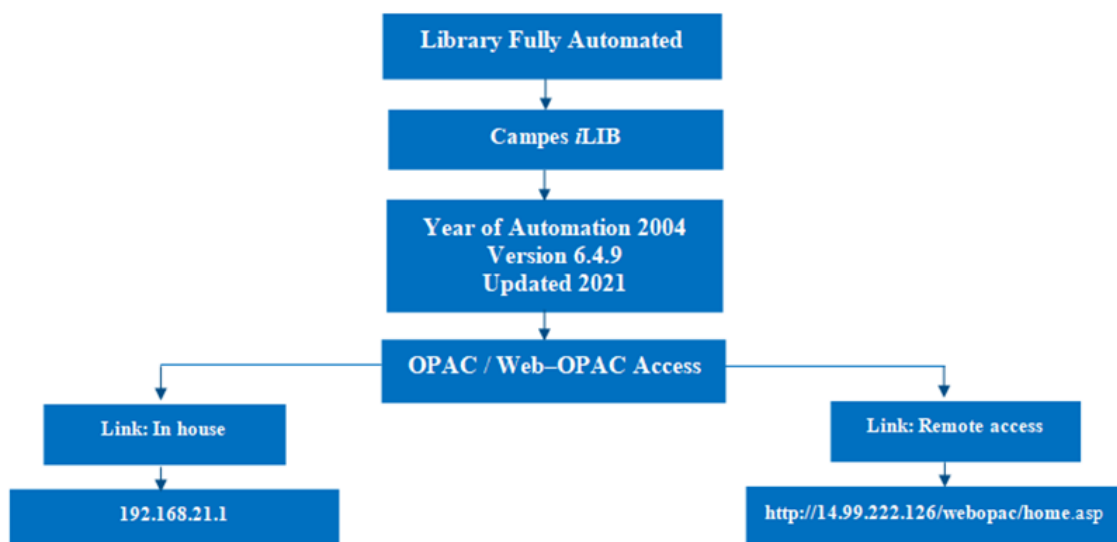


Fig. 4.2.1 Integrated Library Management System

DIGITAL DATABASE AND NETWORKING

- **Remote Access** to e-resources and online databases of INFLIBNET-N-List, EBSCO, CMIE ProwessIQ and Urkund (Urkund-Ouriginal) plagiarism software
- **e-Shodh Sindhu** membership, a consortium for e-resources
- **Raja Rammohun Roy National Agency** membership for ISBN to promote authorship and publications
- **Digital Library** with 60 computers, internet facilities provide access to e-resources

READING AND REPROGRAPHIC FACILITIES

- **Featured** with reading cabins, reference halls, own book reading area, presentation hall, computers and other amenities with 500 seating capacity
- **Reprographic and Printing** facilities made available

ADDITIONAL FEATURES

- **Dewey Decimal Classification System (DDC)** is adopted to access library resources
- **Guidelines for Library** are disseminated through institution web site
- **VIDWAN Faculty Membership** enables research collaboration, networking of academic peers and opportunities in committees/task force
- **VIDWAN** recognized the institution as Nodal Center

- **IRINS** facilitates faculty to earn academic identities and scholarly network
- **New Arrival Racks** exhibits latest collection of books and journals
- **Automation** eases students' library access
- **Orientation** to students on library resources and its automation during DEEKSHARAMBH, Student Induction program (SIP)

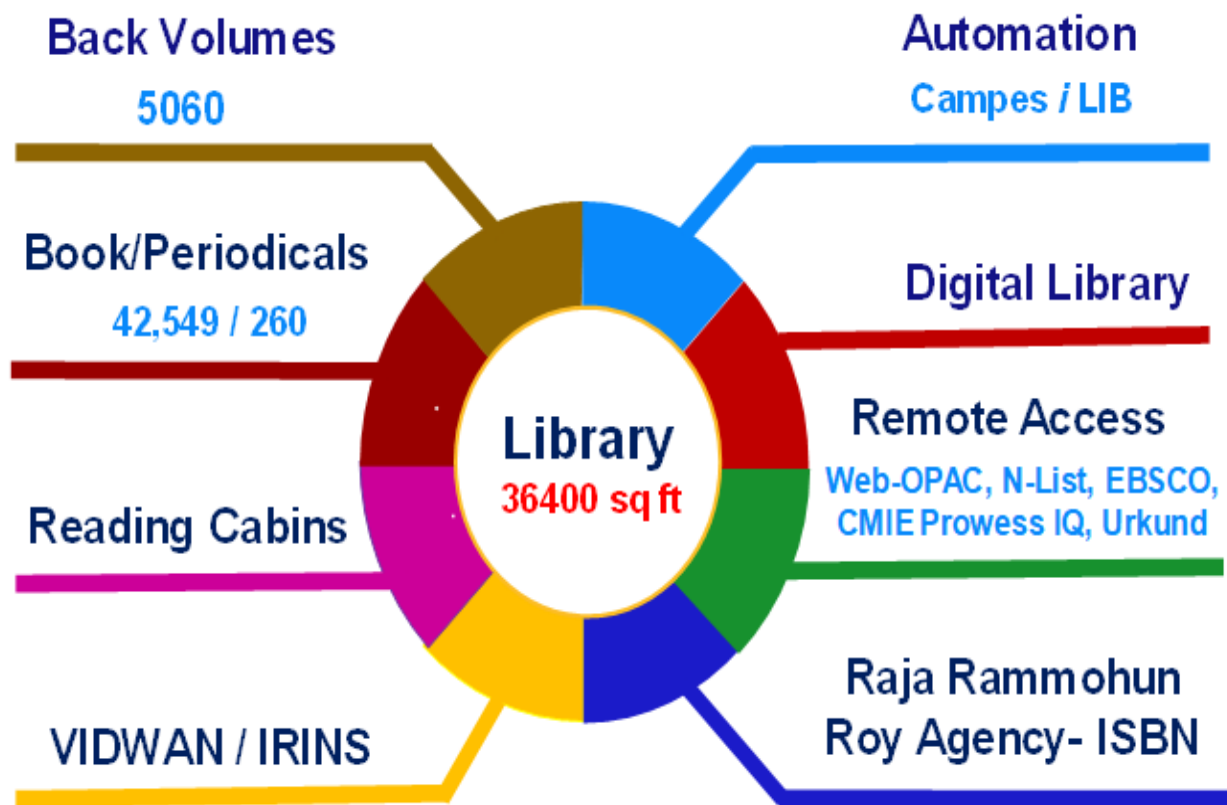


Fig.4.2.1 Library Facilities

File Description	Document
Upload any additional information	View Document
Paste Link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 26.88

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
82.02	20.14	12.18	9.5	10.58

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 6.81

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 503

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities

Response:

Response: Affirmative

INFORMATION TECHNOLOGY POLICY AND INFRASTRUCTURE

IT POLICY

The IT policy ensures allocation of adequate budget for the construction, upgrading and upkeep of IT infrastructure and for transparent and efficient usage of the IT infrastructure by faculty, staff, students and guests for academic/research/administrative purposes. It also enumerates ethical usage and prevention of cyber risks. The IT Policy describes IT asset management, software installation and licensing, wired and wireless networking, ICT equipped classrooms and IT security.

The policy describes the following

- **Account and Password Management** to manage user accounts in a secured manner
- **Wired and Wireless Network Access** to enrich the performance and speed of network connectivity
- **Computer Lab Usage** for optimal utilization
- **Software Installation and Licensing** to ensure trouble free usage
- **IT Security** to avoid un-authorized access
- **Backup and Data Recovery** to back up the data in server
- **Internet and E-mail Access** to provide Internet access to all users
- **IT Asset Management** for inventory management
- **Preventive and Corrective Action** for quality maintenance
- **Periodic Server Maintenance** to increase the performance and speed of operations

IT INFRASTRUCTURE

LAN and Wi-Fi

- Well-structured fiber optics network cabling (LAN)
- Standardized networking through Layer-3 switches to support concurrent users
- Wi-Fi connectivity through centralized cloud access controller

CYBER SECURITY AND RESTRICTIONS

- **Firewall** network security device deployed through Sophos firewall XG330 to prevent unauthorized access
- **Enterprise Security Antivirus** software installed for protection
- **Unlimited Data** usage is extended to all faculty/staff/students
- **Security Features** are enabled at every user level
- **CCTV Surveillance Cameras** (140) are fixed at key locations to ensure safety and security

HARDWARE AND SOFTWARE

- **1463 Computers** supported by 100 Mbps leased line connectivity
- **Domain Controller**, a higher-end rack-mounted server established with Active Directory Domain Service
- **VEEAM Backup Software** is used for backup and restoration
- **Microsoft Licensed Software** is installed and renewed periodically
- **Backbone Software** is used as e -support for effective administration
- **Key-In Campes** software used for academic and administrative purpose
- **Google Platforms** to foster creative teaching learning
- **Clarity Snet** software in language laboratory to enrich communicative competency
- **Periodical Software Updation**, maintenance and renewal of Annual Maintenance Contract (AMC)

UP-GRADATIONS OF IT FACILITIES

- Up-gradation of Layer - 3 switch for networking
- Firewall upgraded to Sophos firewall XG330
- Creation of Video lecture capturing facility
- Black magic video streaming system is installed
- Wi-Fi access points increased to 93 numbers
- LCD projectors increased to 157 numbers
- Web OPAC enabled for remote access
- Increase of CCTV surveillance cameras to 140 numbers

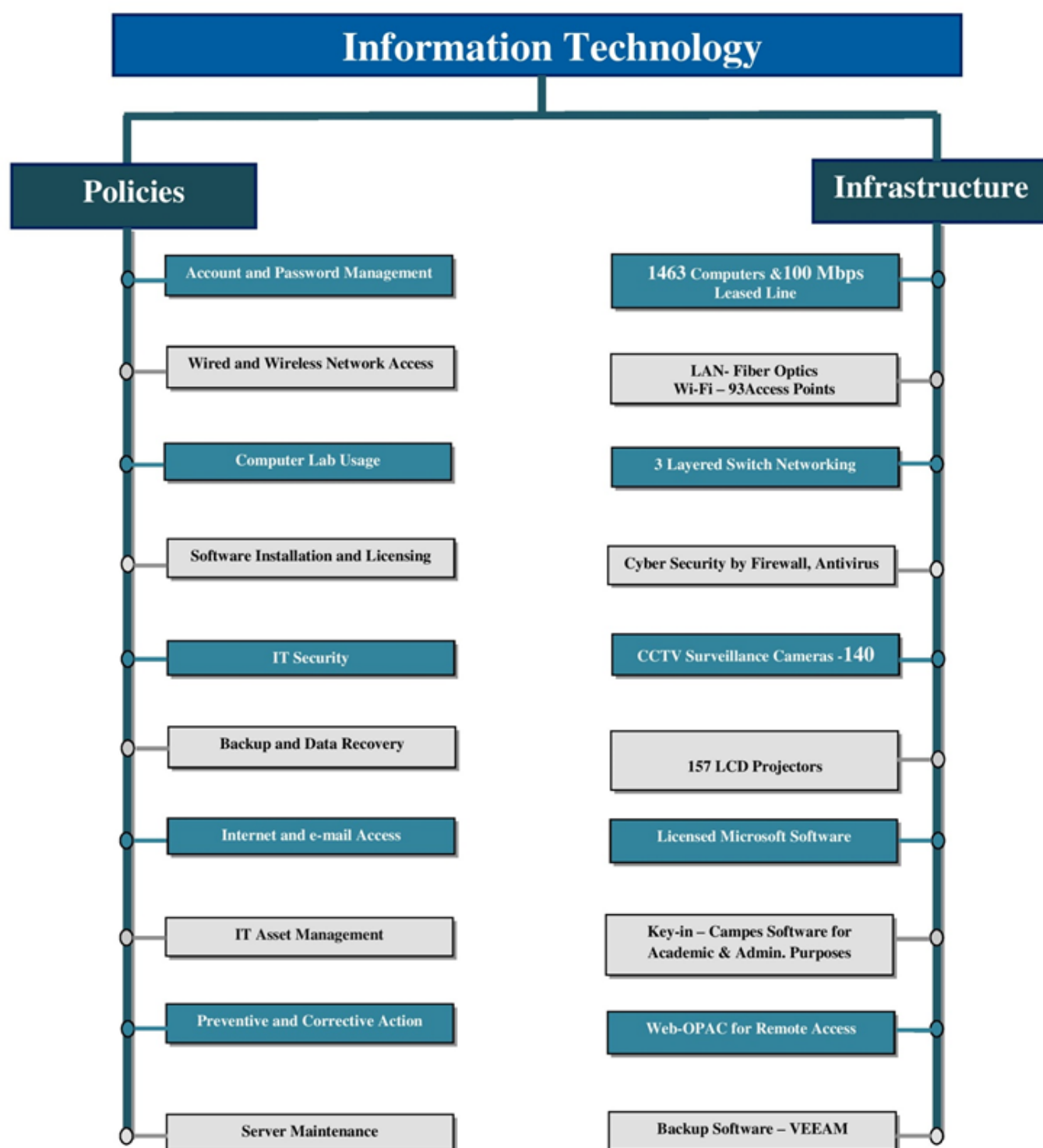


Fig.4.3.1 IT Policy and It's Infrastructure

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)**Response:** 4.78

File Description	Document
Upload any additional information	View Document
Student - computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution.**Response:** 750 MBPS

File Description	Document
Upload any additional information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: B. 3 of the above

File Description	Document
Upload Additional information	View Document
Institutional data in prescribed format	View Document
Link for Additional information	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years****Response:** 7.85**4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities**

excluding salary component year wise during the last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
81.33	123.27	122.93	107.33	97.52

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

Response: Affirmative

MAINTENANCE POLICY

The institution functions with well-established system for supervision and maintenance of physical, academic and supportive infrastructure. An exclusive administrative center for Infrastructure Planning and Development functions with full-time manager, civil and electrical maintenance engineers and an administrative officer for infrastructure augmentation and maintenance.

COMMITTEES FOR PURCHASE, MONITORING, UTILIZATION AND MAINTENANCE

The infrastructure planning and development division adhere to the standard operating procedures, plan the schedule of purchase and maintenance of physical, academic and support facilities.

- **Purchase Committee** is responsible for budgeting, purchase order and procurement of furniture, equipment, electrical and electronic gadgets and other requirements
- **Asset Management Committee** devises an effective framework for inventory
- **Maintenance Committee** ensures effective maintenance of infrastructure and other related facilities
- **IT Team** coordinates purchase and maintenance of computers and other IT facilities
- **Library Advisory Committee** suggests the requirements for library updation and upgradation
- **Sports Advisory Committee** provides guidelines for enhancement of sports facilities
- **Laboratory Safety Committee** gives guidelines on safety measures to be adopted
- **Website Committee** ensures updation of events and campus news on digital platforms
- **Transport Committee** plans routing and commutation and ensures safety

UTILIZATION OF PHYSICAL AND ACADEMIC FACILITIES

- Faculty and staff ensure optimum utilization of in-house facilities
- Classroom allotment/re-allotment are based on requirements
- Laboratories are allotted based on the department requirement
- Conference center and seminar halls are booked on request and used for co-curricular and extracurricular activities by associations, centers and clubs
- Library facilities support Group discussion, reading/referencing, presentation and effective utilization of books and on-line resources
- Recycle and Reuse of waste water is carried out by Sewage Treatment Plant (STP)
- Solar Panels harvest solar energy and generate 80kW of electricity
- Music room is utilized for regular practice
- Sports infrastructure is used for training and conduct of sports and games
- Campus Parking facilities for staff and students are under the surveillance of security personnel

MAINTENANCE OF INFRASTRUCTURE FACILITIES

The administrative team takes care of the maintenance of campus facilities. Requests for repair/maintenance is raised and monitored through back bone software.

Maintenance of Academic Spaces

- Classroom utilities are regularly monitored and well maintained
- Regular maintenance ensures safe drinking water facility in all floors

Library Maintenance

- All software in library is updated regularly
- Add-on facilities (modules) included based on need in the respective software
- Adequate maintenance to preserve library resources

Laboratory Maintenance

- Laboratories and its equipment maintenance ensures hassle free operations
- Stock registers are maintained for periodic stock verification
- Inventories are verified annually
- Obsolete and condemned equipment are identified and removed from stock after write-off
- Equipment are maintained in working condition through regular servicing and maintenance
- In-house trained technicians maintain computers, media equipment and other accessories
- Annual Maintenance Contract (AMC) are availed for selected items

Campus Maintenance

The housekeeping team takes care of the campus cleaning. Civil and Electrical maintenance divisions take care of their respective maintenance works. The garden management team maintains green campus.

- Electrical division installs and maintain electrical lines, solar panels and generators for uninterrupted power supply and audio/video systems for improved efficacy

- Elevators, UPS, CCTV and generators are maintained by AMC partners
- Water potability ensured by periodic maintenance
- Fire safety equipment and Sewage Treatment Plant maintained by in-house technicians
- Motor vehicles are serviced and maintained by the transport team

QUALITY POLICY ON MAINTENANCE AND UTILIZATION

Infrastructure development

To ensure adequate facilities for academic, co-curricular, extracurricular activities through a defined quality policy is in place

Maintenance

A well-defined maintenance policy ensures optimal usage of infrastructure facilities

Information Technology

The IT policy guarantees legal, secure, transparent and efficient usage of the IT facilities

Library

Need based acquisition, cataloging, circulation, maintenance and administration of books, periodicals and e-resources is reflected in the library Policy

Waste Management and Green Campus

Green Policy is framed to ensure green atmosphere, minimize the impact on environment, reduce pollution and waste

- Added two new academic blocks C1 & D1 with area of 91408 sq ft. and 228188.01 sq ft. respectively
- Established a new library with 36400 sq ft. and increased volume of 42549 books
- Established 5 new seminar halls
- Launched 23 centers
- Installed the 93 Wi-Fi access points
- Controller of Examinations section(12500 sq ft.) is functioning in new block C1 with advanced technological facilities by incorporating all safety and security measures
- Shuttle transportation for students enhanced by adding 9 new bus services
- Set-up Sewage Treatment Plant (STP) with processing capacity of 1 lakh liters
- MoU & One Composting pit for solid waste management
- Two new rain water harvesting system
- Utilizing Battery operated vehicles for sweeping and cleaning
- Pedestrian friendly campus
- 250 new Light –emitting-diode (LED) light fittings as energy conservation initiative
- 23% of total power consumption is generated through solar energy
- Rich biodiversity comprising 27 medicinal plants species, 18 species of birds, 11 species of butterfly.

- A holistic environment for learning
- NCS award by National Conservation Society Coimbatore in 2016-17
- Best Green Campus award by Nature Science Foundation in 2021

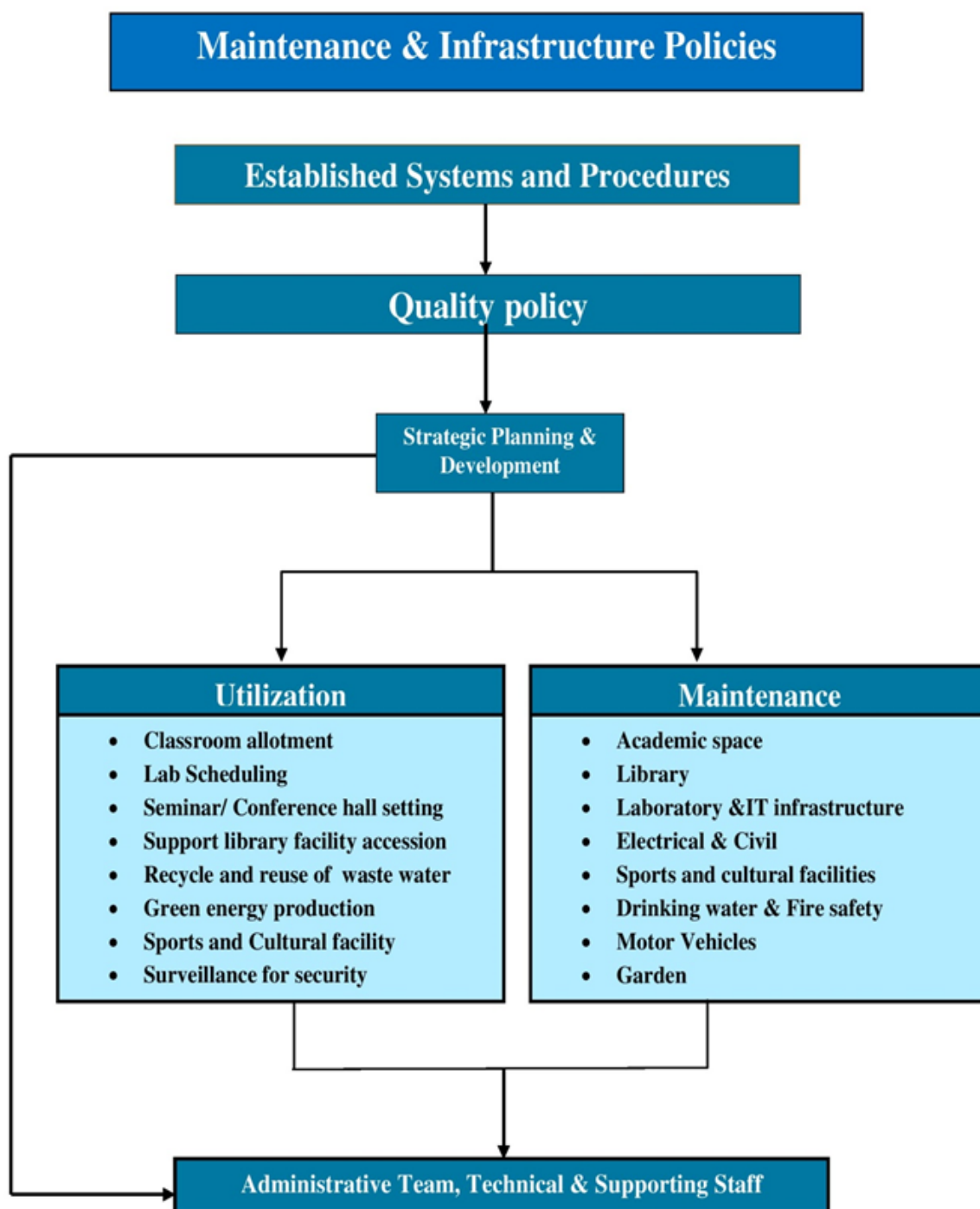


Fig.4.4.2 Maintenance Policy

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 2.34

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
150	172	156	127	165

File Description	Document
upload self attested letter with the list of students sanctioned scholarships	View Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution and non-government agencies during the last five years

Response: 56.43

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
5808	3356	3060	4016	2574

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document
Institutional data in prescribed format	View Document

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 22.62

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1828	2007	1060	1350	1265

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances

4. Timely redressal of the grievances through appropriate committees**Response:** A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 36.21**5.2.1.1 Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
852	798	743	676	604

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch).**Response:** 23.95**5.2.2.1 Number of outgoing student progressing to higher education.**

Response: 605

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 79.14

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
32	42	10	12	11

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
48	51	15	15	11

File Description	Document
Upload supporting data for student/alumni	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 243

5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
9	64	48	54	68

File Description	Document
Number of awards/medals for outstanding performance in sports/ cultural activities at inter-university / state / national / international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Response: Affirmative

STUDENT COUNCIL (SISYA FEDERATION)

SISYA FEDERATION is a student body with a group of volunteers actively work with faculty to promote a better learning environment. Students get an opportunity to express their views, develop leadership skills by organizing co-curricular and extracurricular activities.

FUNCTION OF THE STUDENT COUNCIL

- The council plays a vital role in expressing the collective views of students
- Students are given opportunity to organize events and activities
- Serve as editorial board members of institution magazine/newsletter/other publications
- Actively involved in research related activities
- Maintain peace and harmony in campus

STUDENT REPRESENTATION IN ACADEMIC BODIES

- **Academic Council** student representatives are inducted to offer suggestions relating to academics
- **Board of Studies** students are invited as members for syllabus and curriculum enrichment

STUDENT REPRESENTATION IN ADMINISTRATIVE BODIES

- **Internal Quality Assurance Cell (IQAC)** students are active members involved in quality enrichment
- **Student Quality Assurance Cell (SQAC)** helps in implementing the initiatives taken by the IQAC to provide holistic higher education

- **Principal Interaction Meeting** helps to build trust and understand the nuances of their needs

STUDENT REPRESENTATION IN OTHER BODIES

- **Office Bearers** Students are inducted as office bearers of research forum, associations, committees
- **Class Representatives** interact with administrators to share their views and grievances
- **Placement Representatives** coordinate the activities of center for training and placement
- **Training Young Mentor (TYM)** Mentor Students train peers for placement
- **Disaster Management** students render their care and support during the times of calamity

PARTICIPATION OF STUDENTS IN PUBLICATIONS

- **Publications** Students are members of the editorial board of the magazines and other publications
- **Tamil Osai** An annual magazine written and compiled by the students is published with ISBN number

STUDENT CLUBS

Three categories of student clubs are established for career enhancement, communication skills, leadership skills, social networking, organizational and management skills

Academic Clubs

- Clubs are founded on particular fields of study
- Students participate in events, forums or programs that develop their academic skills
- 10 clubs function under this category

Cultural Clubs

- Clubs bring together students who share common interests in particular hobbies
- Provide opportunities for students to experience both on-campus and off-campus activities
- 18 clubs function under this category

Research and Development Clubs

- Clubs bring together a community of peers sharing an interest in research
- Platform to explore the art of research in a specific domain
- 4 clubs function under this category

OTHERS

- **Societal Connect** a platform to inculcate the sense of social responsibility among students
- **Earn While Learn** makes students self-supportive by working after college hours

OUTCOME

NGPians emerge as best individuals with excellent leadership quality, team spirit, societal involvement, duty conscience and ethics through the platforms provided.

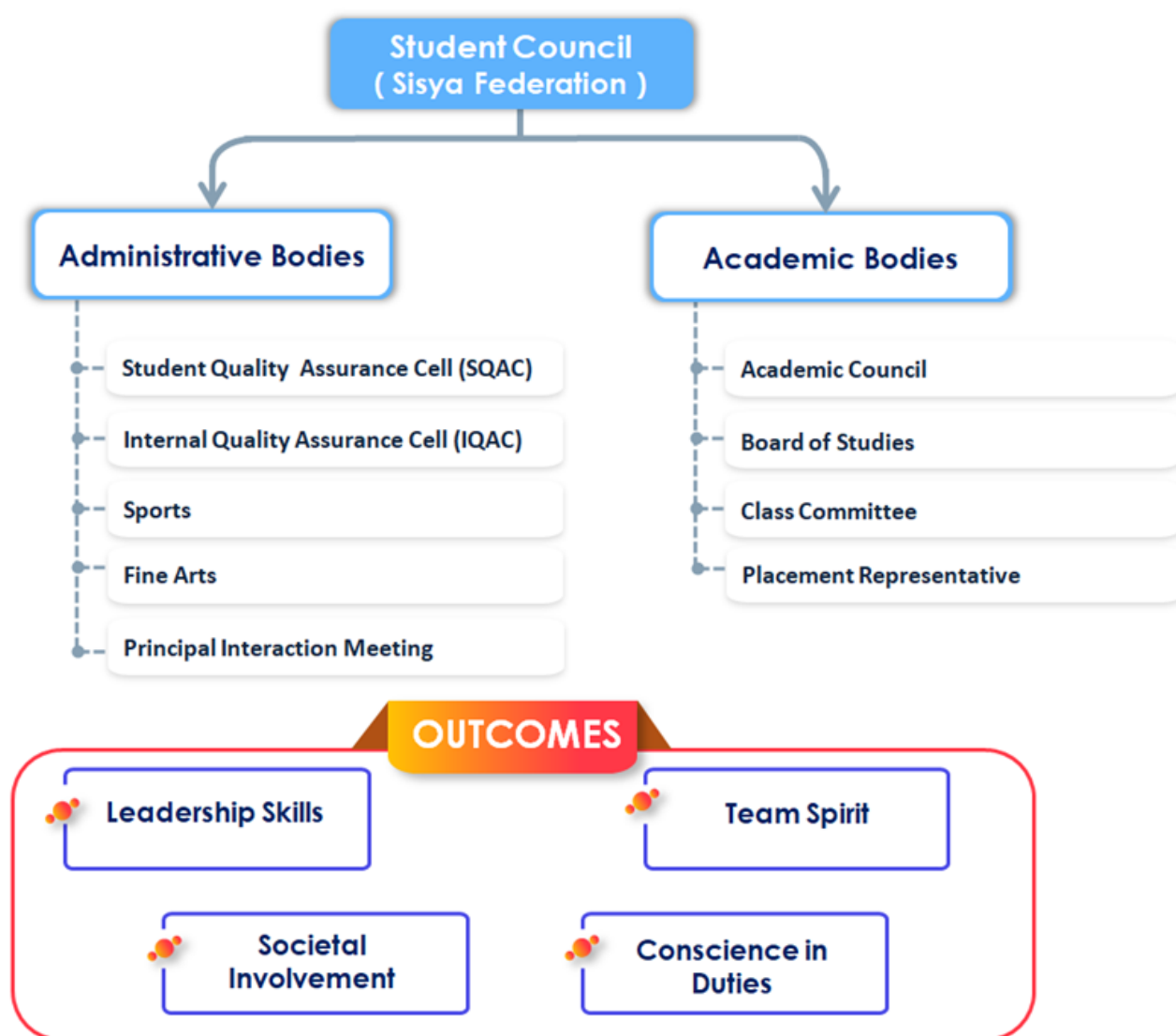


Fig.5.3.2 Student Council

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 15.8

5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
13	12	21	16	17

File Description	Document
Report of the event	View Document
Number of sports and cultural events / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

Response:

Response: Affirmative

Dr. N.G.P. Arts and Science College Alumni Association was registered under the Tamil Nadu Societies Registration Act 1975 on January 5, 2018 with the Alumni Association Registration Number 6/2018. The core purpose of Alumni association is to stay connected together and maintain relationship and rapport with the institution. It actively extends financial and general support to the overall growth and development of the institution.

ALUMNI ASSOCIATION

- **Alumni** of the institution are spread across the nation and globe
- **Four Chapters** are established and function effectively in Sri Lanka, Dubai, Tiruppur and Bangalore
- **Distinguished Alumni** is invited every year to hoist the National Flag on Republic Day celebrations
- **Alumni Reunion** is organized yearly on Republic Day to maintain the active network
- **Teacher's Day Celebration** is organized every year on September 5 to recognize the Gurus

AWARDS & HONORS BY ALUMNI ASSOCIATION

- **Distinguished Alumni Award** is given to an outstanding alumni who has excelled in his/her careers and made a difference in his/her community
- **Entrepreneur Award** is given to select individuals who have become successful entrepreneurs
- **Star Performer Award** is given to the best outgoing student of UG & PG Programmes

FINANCIAL CONTRIBUTION

- **Endowment Fund** Twenty Six endowment funds each with a sum of Rupees one Lakh is created in the respective departments
- **Scholarship** is given to the deserving students by alumni
- **Alumni Scholarship** A sum of Rupees One Lakh Seventy Two Thousand contributed by alumni towards scholarship and awards
- **Alumni Reference Book Bank** the alumni faculty and members of institution have contributed books to the college Central library

NON-FINANCIAL CONTRIBUTION OF ALUMNI

- **IQAC** Meritorious alumni are the active members of IQAC and give valuable suggestions for the institution development and students welfare
- **BoS** of all 32 disciplines include alumni to avail their expertise in syllabus updation, introduction of new courses and to improve teaching-learning
- **Sports Training** alumni volunteers provide coaching to the college sports team
- **Placement Readiness Programme** alumni share their professional experience to support the current graduates
- **Alumni with a passion for teaching** are appointed as faculty
- **Alumni News Letter** highlights the outcomes and successes of association activities



Fig.5.4.1 Alumni Association

File Description	Document
Any additional information	View Document
Link for additional information	View Document

5.4.2 Alumni financial contribution during the last five years (in INR).

Response: A. ? 15 Lakhs

File Description	Document
Any additional information	View Document
Link for additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Response:

Response: Affirmative

The institution is committed to provide value based education as stated in Vision and Mission. The governance ensures quality and excellence in teaching, research and outreach activities. The KMCRET Trust at the nucleus of governance is committed towards upliftment of students from rural populace and empowering women.

The management steers governance with representation by UGC representatives and University nominees, notable academicians, industry experts, employers, faculty, alumni and students. The institution functions with the guidance of Governing Body and Academic Council. The Statutory bodies namely Governing Body, Academic Council, Finance Committee and Board of Studies are constituted as per the norms of UGC/Government of Tamil Nadu/Bharathiar University, Coimbatore - Affiliating University.

The effective Leadership is evidenced at the institution due to the administrative and leadership skills acquired by Principal through Leadership for Academicians Programme (**LEAP**), Ministry of Education (MoE), Govt. of India both in UPenn (University of Pennsylvania, USA) & Tata Institute of Social Sciences, India and **Fulbright**-Nehru International Education Administrators Seminar fellowships, United States-India Educational Foundation (USIEF), USA.

The Internal Quality Assurance Cell (IQAC), Boards of Studies, Center for Curriculum Development (CCD), Deans and Heads of Departments contribute to policy making under the guidance of the Principal.

The IQAC monitors and ensures quality in all academic affairs. The CCD frames the academic regulations of the college incorporating the directions of UGC, TANSCH and Bharathiar University. It also identifies the need for new programmes and coordinates the functions of BoS. The BoS represented by identified academicians, industry experts and alumni frames and updates syllabus as per the identified needs.

The vision and mission of the institution are realized through effectual participation of faculty, staff and students as a team, under the leadership of the Principal. The following initiatives accomplish the mission of the institution

- Programmes to address the current industrial demands
- Upskilling through skill enhancement courses
- Inculcate research culture from under graduation
- Research promotion through seed money, incentives and awards
- Inculcate values and ethics through societal connect activities
- Functional MoUs to connect industries
- Impart employment and entrepreneurship skills
- Quality sustenance through Internal Quality Assurance Cell (IQAC)

Outcomes of Effective Leadership and Governance

De-centralized governance and effective leadership leads to academic excellence, skill development and character building.

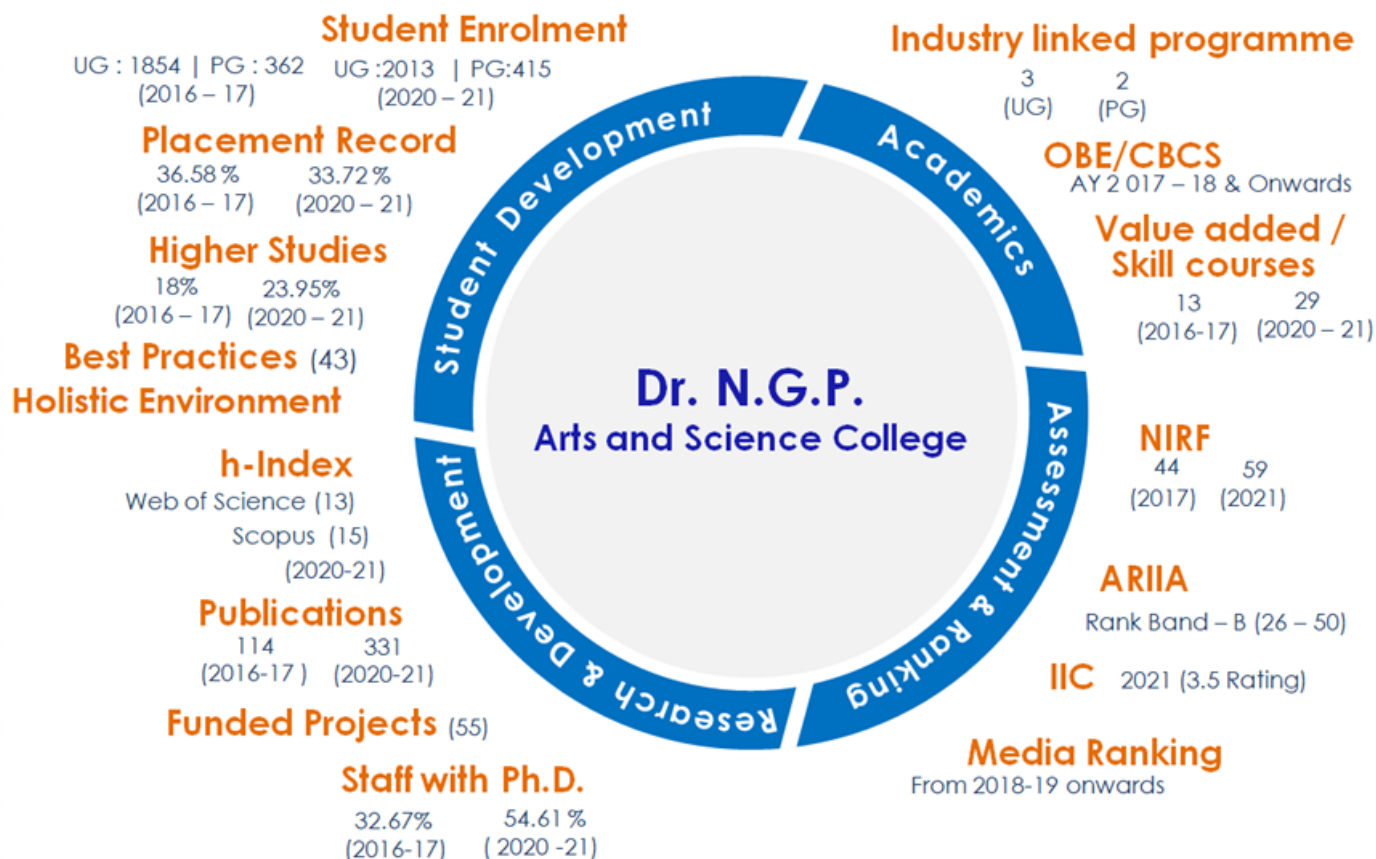


Fig 6.1.1 Outcomes Of Effective Leadership And Governance

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

Response: Affirmative

DECENTRALIZATION AND PARTICIPATIVE MANAGEMENT

The institution adopts decentralization and participative management in all academic and administrative

process by involving all stakeholders in planning, review and implementation of policies and guidelines.

Governing Body (GB) is the apex body to formulate and approve the strategic plans of the institution. The GB is represented by members from Board of Management, Chief Executive Officer, Nominees from UGC, State Government, Affiliating University, Educationalists, Senior Faculty and Principal as the ex-officio member secretary

Academic Council (AC) approves policies and matters relating to academics, research and development, co-curricular and extracurricular activities and forwards it to the Governing Body for ratification.

Principal effects policies and strategies approved by GB and AC. The Principal, as a team leader executes and monitors day-to-day affairs by delegating the administrative powers to Deans, HoDs, Convenors and Coordinators.

PARTICIPATIVE LEADERSHIP IN ACADEMIC AND ADMINISTRATIVE ROLES

Effective leadership of the institution is nurtured through decentralized and participatory management.

Dean - Academics is involved in curriculum design, development and Teaching Learning process.

Dean - Administration takes care of maintenance of infrastructure facilities, purchase of equipment, faculty appraisal, student feedback etc.

Dean - Student Affairs monitors Mentor-Mentee system, PTA meetings, student clubs, student grievance redressal, student code of conduct and campus residence.

Dean - Research and Development is involved in promoting research culture among staff and students.

Dean - Faculty Wise brings new initiatives and monitors systematic implementation of plans.

Controller of Examinations & team are responsible for Planning and Conduct of Examinations.

Heads of Departments are responsible for day-to-day functioning of department.

Convenors/Coordinators of all Committees/Centers/Clubs/Associations are involved in planning and conducting respective activities.

Faculty representation in all statutory and non-statutory bodies catalyzes the smooth function of activities.

Students are given roles in governance through representation in Board of studies, Academic Council, Student Quality Assurance Cell (SQAC), Student Council and in all Clubs and Associations.

Stakeholders of the institution play a vital role in decision making through feedback mechanism.

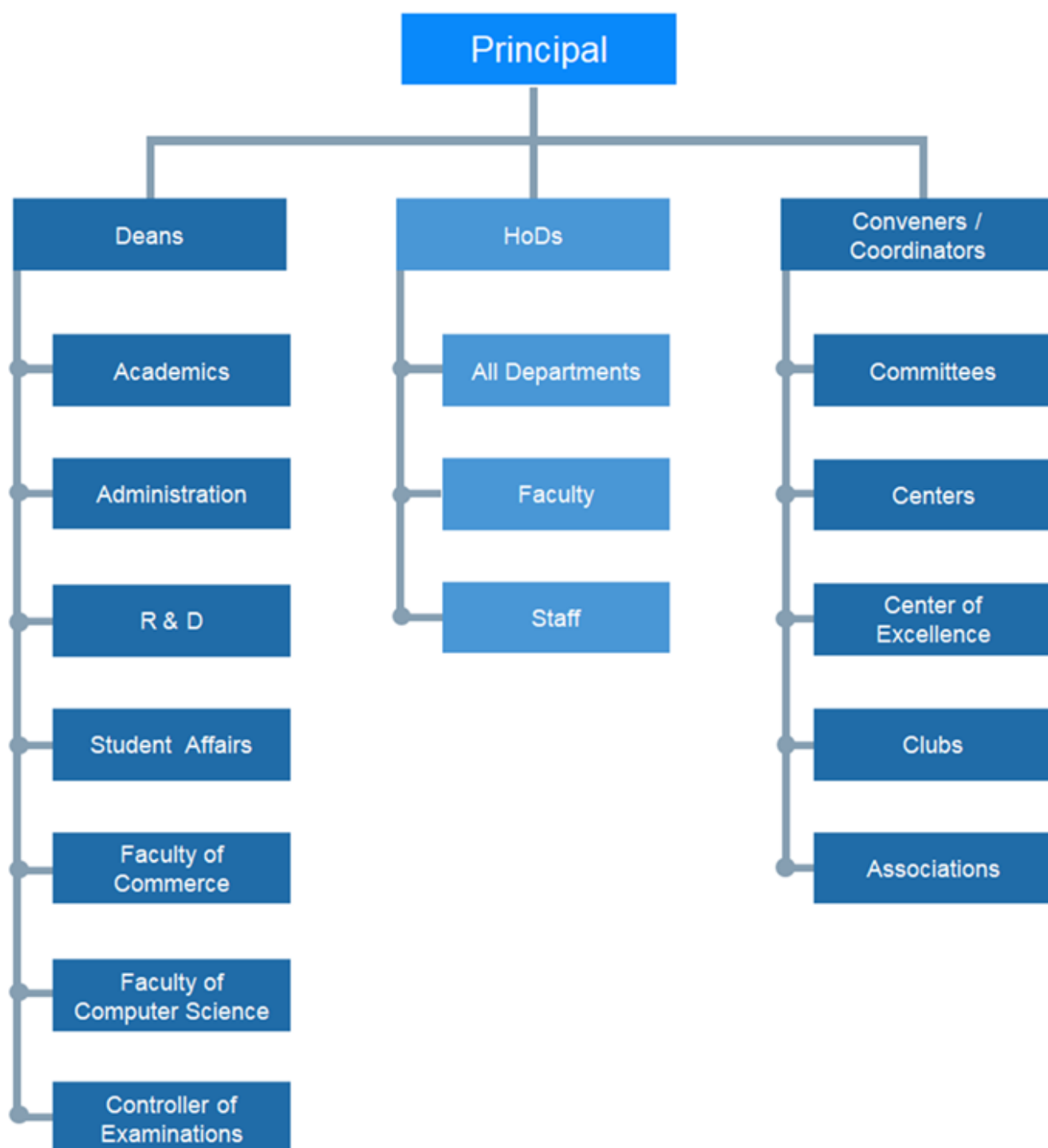


Fig. 6.1.2 Effective Leadership Chart

Administrative Officer supervises the office of administration and campus maintenance.

CASE STUDY:

Stakeholders Participation in Introduction of Computer Science with Data Analytics

The case study reveals the strategies adopted for the introduction of new programmes.

Principal constitutes a committee through Center for Curriculum Development (CCD) to investigate the

Regional, National and Global needs and opportunities for introduction of new programmes. The committee invites suggestions from industry, alumni, parents and faculty. CCD analyses the suggestions and submit recommendations to Principal. The observations laid down by the stakeholders indicated that Data Analytics is an emerging technology as indicated by the World Economic Forum. Principal submitted the proposal to start B.Sc. Computer Science with Data Analytics to GB for approval.

Draft Syllabus was placed for approval in Computer Science BoS. With due approval, the proposal was submitted to Bharathiar University. The Programme was introduced during the AY 2019-20 after inspection and approval by University.

File Description	Document
Any additional information	View Document
Link for strategic plan and deployment documents on the website	View Document
Link for additional information	View Document

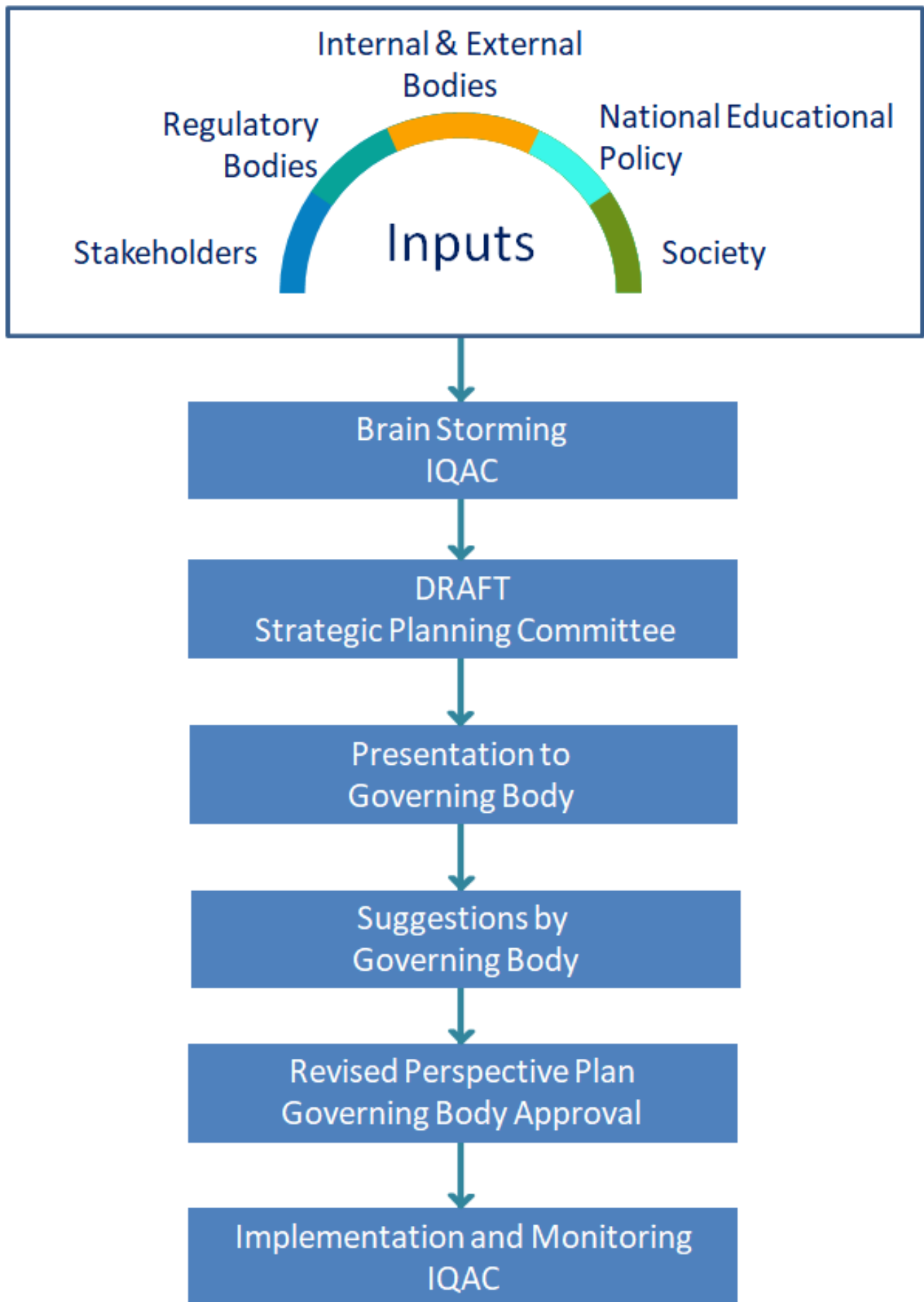
6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Response: Affirmative

The institution strives for academic excellence by adopting newer technologies, nurturing academic and research ambience, imparting industry-ready skills with focus on rural education and women diversity. The strategic plan of the institution encompasses the developmental parameters like infrastructure, academics, research, co-curricular activities and placement.

**Fig.6.2.1 Strategic Plan**

Perspective plan period of the institution

AY 1997-98 to 2006- 07	: Dr NGPASC Perspective Plan I
AY 2007-08 to 2016- 17	: Dr NGPASC Perspective Plan II
AY 2017-18 to 2026- 27	: Dr NGPASC Perspective Plan III

Thrust areas of perspective plan III mainly focuses on improvement of academics, research, collaboration and consultancy, student progression, faculty and staff development, societal connect, resource mobilization, development of infrastructure, institutional ranking and brand building.

Strategic Plan –III (2017-2027) comprises short- and long-term goals focusing on:

- Resource mobilization and utilization with adequate budget allocation
- Expansion of infrastructure and regular maintenance
- Sustainable green initiatives for environmental concern
- Assistance for economically disadvantaged students
- Promote sports and games through scholarships
- Unique Selling Points (USP) for brand building
- Quality sustenance through Internal Quality Assurance Cell (IQAC)
- Programmes to address the current industrial demands
- Design and Development of curriculum to meet global competencies(Industry 4.0 and World Economic Forum)
- Holistic progress through best practices, centers and clubs
- Inculcate values and ethics through societal connect activities
- Staff quality enrichment through academic development programs
- Functional MoUs to connect industries
- Inculcate research culture from under graduation
- Research promotion through seed money, incentives and awards
- Centers for student progression towards higher education
- Impart employment and entrepreneurship skills
- Training for placement in companies of repute

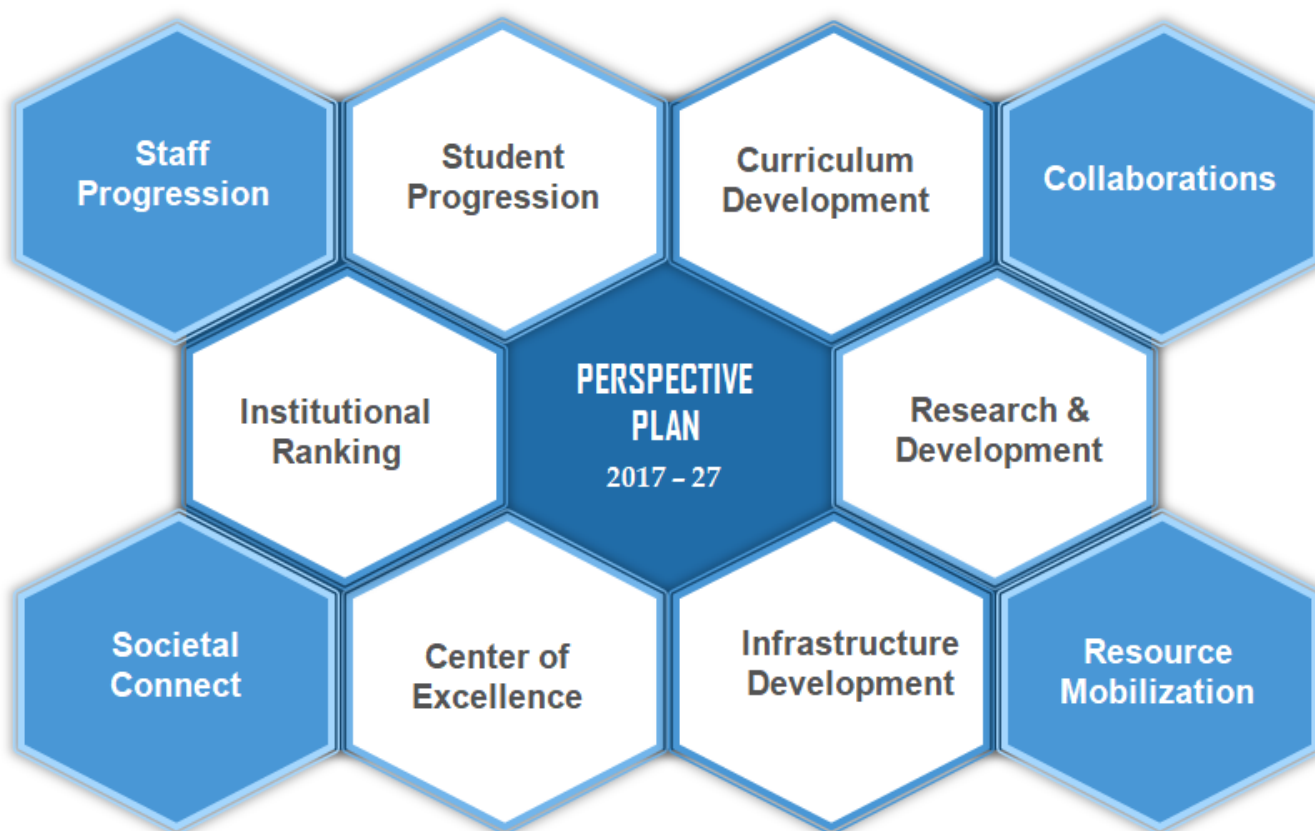


Fig.6.2.1 Perspective Plan

Schemes successfully implemented based on Strategic Plan-III:

INFRASTRUCTURE DEVELOPMENT

To provide a facilitative educational environment and foster innovation and scientific temper, the upgradation of infrastructure is concerned as a major element in strategic plan III.

Construction of Academic Blocks C1 and D1

Academic Block C1

The block includes an area of 91,408 sqft with 6 Floors, 3 Seminar Halls, 10 Staff Rooms and 22 classrooms which comprises the following facilities:

- Admission Office
- Center for IOT
- Center for Research
- Center or Skill Development
- Center for Value Education
- Center for Societal Connect
- Center for Distance Education
- NGPnnovation
- Teaching-Learning Center
- Office of COE
- Basement Parking
- Lecture Capturing Facility
- Hardware Lab
- Music Club
- Provision For Rainwater Harvesting

Academic Block D1

The block includes an area of 2,28,188.01 sq ft with 7 Floors, 1 Central Library, 2 Laboratories, 1 Seminar Hall, 10 Staff Rooms and 74 classrooms.

The amenities enriched during the plan period:

ICT Facilities

- 93 Wi-Fi
- 157 LCD

Green Campus

- 65000 sq ft. Lawn
- 80kW Solar Power
- 1,00,000 liter waste water recycling
- Pedestrian friendly pathway

Safety and Security

- 89 Fire extinguishers
- 36 Fire pump hoses
- 140 CCTV

Others

- Food court
- Additional Parking facility
- Additional bus plying to interior areas

New Departments and Programmes

Number of Programs started in 2016-17 : 11	
UG	02
M.Phil.	03
Ph.D.	05
Certificate Course	01

Number of Programs started in 2017-18 : 08	
UG	01
Diploma Course	05
Certificate Course	02

Number of Programs started in 2018-19 : 18	
UG	02
PG	01
Ph.D.	01
NCVRT Courses	14

Number of Programs started in 2019-20 : 67	
UG	01
PG	02
M.Phil.	01
Ph.D.	01
NCVRT Courses	04

Number of Programs started in 2020-21 : 06	
UG	02
Programmes Offered Under UGC National Skills Qualifications Framework (NSQF)	04



Fig.6.2.1 Short Term Goal



Fig.6.2.1 Long Term Goal

File Description	Document
Link for Strategic Plan and deployment documents on the website	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.**Response:****Response: Affirmative**

The institution functions through a well-structured administrative set-up guided and supported by statutory bodies and non-statutory bodies (35 committees - academic, administration, students support and research & development).

Governing Body, an apex body of the institution is constituted as per the guidelines of UGC, State Government and Affiliating University and Principal is the ex-officio member secretary. The primary responsibilities of the GB are

- Approval of Perspective Planning and quality policy
- Annual Budget Approval
- Approval for establishment of new infrastructural facilities
- Approval of new programs/initiatives
- Ratification of Academic Council minutes
- Staff Recruitment and Promotion approval
- Approval of committees, centers, clubs and centers of excellence
- Sanction of scholarships and freeships

Academic Council is chaired by the principal and adheres to UGC norms and meets twice a year.

- Approves the decision of BoS
- Recommends proposals for institution of new programs and industrial collaborations
- Approves the regulation for curricular, co-curricular and extracurricular activities
- Reviews and approves the academic calendar
- Approves the decisions of the result passing board
- Suggest and approves Research & Development initiatives

Board of Studies is chaired by the Chairman of the concerned board, adheres to UGC norms and meets twice a year.

- Frames syllabus
- Recommends skill /value-based courses
- Recommends need based industry collaborations

- Suggests pedagogies for innovative teaching-learning
- Approves the panel of examiners

Finance Committee is an advisory body to Governing body chaired by the principal. The committee adheres to UGC norms and meets twice a year. The committee's primary responsibilities include:

- Review and approve Budget estimate
- Review and approve Fee structure
- Monitor income and expenditure
- Present budget for new initiatives/ renovation and maintenance
- Present audit report to authorities
- Present student scholarships, freeships, concession etc.
- Allocation of funds for staff welfare
- Allocation of funds for research and development

Academic and Administrative committees

Administrative set-up is well structured and promotes decentralized functioning. The Secretary and Principal are nucleus of administration. Principal is assisted by Deans, CoE, Faculty wise Deans, Heads of Departments, Coordinators, Conveners and Mentors. The 35 non-statutory bodies also support Principal towards achieving the common goal of providing quality education and a promising career to students. IQAC recommends and monitors quality of academic and administrative tasks.

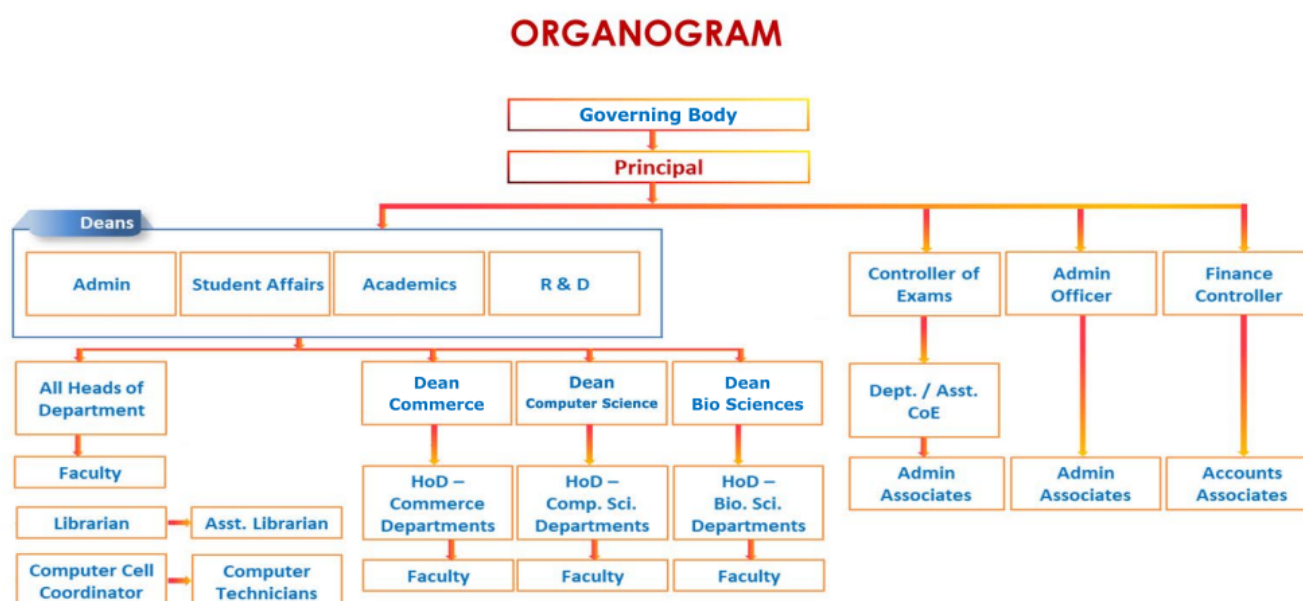


Fig.6.2.2. Organogram

Policies, Service Rules and Procedures

Well-defined Twenty One quality policies on different areas /functional domains like curriculum development, teaching-learning, examination, admission, HR, research, consultancy etc. drives to achieve sustained growth.



Fig.6.2.2. Quality policies

HR Policy

HR Policy of the college mandates roles and responsibilities for faculty and staff. It formulates rules and regulations for recruitment, joining, promotion and relieving, pay fixation, rejoining, attendance, compensations, and other benefits.

OUTCOME

The accomplishments reflect the effective and efficient participatory administrative set-up

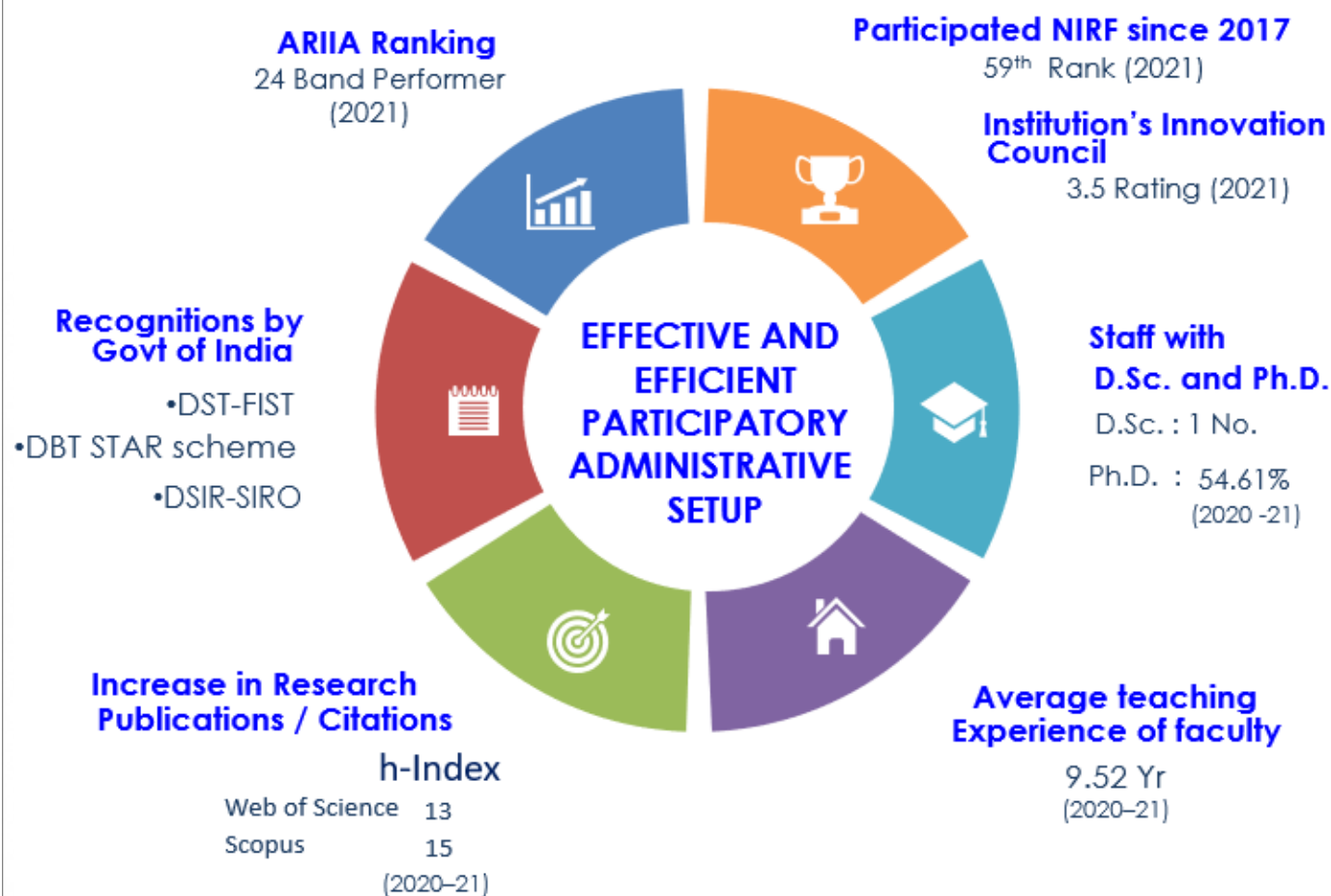


Fig.6.2.2. Administrative Setup

File Description	Document
Any additional information	View Document
Link for additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
Institutional data in prescribed format	View Document
ERP (Enterprise Resource Planning) Document	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff and avenues for career development/ progression

Response:

Response: Affirmative

The dedicated faculty and staff are the major strength of the institution. An inclusive environment ensures their physical and psychological well-being is taken care. Welfare measures are formulated and monitored by the HR department.

Monetary Welfare Schemes

- **Accidental Insurance** Faculty members are covered under the accidental group insurance
- **Medical Insurance** Faculty members who are insured through Kovai Medical Center and Hospitals (The New India Assurance Co. Ltd & The Oriental Insurance Company Ltd) are eligible to avail medical insurance in addition to 50% concession on in/out patient treatment
- **Seed Money** to undertake research for both faculty and students
- **Financial Support** to attend conference/seminar/refresher course/workshop/FDP/Travel-grant/Membership in professional bodies
- **Financial support** to file patent and copyright
- **Incentives** for M.Phil. and Ph.D. supervisors to encourage research
- **Research Incentives** for D.Sc./Ph.D. degree, Publications of research papers/books and patents/copyrights
- **Paid Leave on-duty** to avail summer fellowships funded by agencies
- **Consultancy Fund Sharing** with 40% to 60% incentive based on consultancy policy
- **Provident Fund** for faculty and staff
- **Special Gifts** to faculty and staff on their birthdays and special occasions

General Welfare Measures

- **Career Advancement Schemes** for periodic promotion of faculty adhering to UGC norms
- **Annual Performance Appraisal (APA)** for Career promotion and annual increment based on APA score
- **Faculty Improvement Program (FIP)** for completion of Ph.D. and Post-doc.
- **Awards and Recognition** on the eve of achiever's day to encourage their performance

- **Leave on-duty** for NPTEL/Swayam/NET/ SET/conferences/workshops/ seminars/ invigilation/boards of studies/paper valuation/external practical examiner/special lectures
- **Special Leave on-duty** for industrial training and consultancy work
- **Medical Leave** provided to faculty and staff
- **Vacation** during summer and winter
- **Fee concession** to wards of faculty and staff
- **Summer camps** for wards
- **Transport & Hostel** facilities complimentary for staff
- **Yoga and Fitness Center** facilities extended to faculty
- **Staff Sports and Games** are organized annually
- **Cafeteria** with an exclusive lounge for faculty and staff
- **Indian Bank and ATM** facilities within the campus
- **Personal Loan** with low interest rate to faculty and staff

Avenues for Career Development

- **Faculty Development Programmes** to improve knowledge and skills
- **Industry Internship and Training** to bridge industry-academia gap
- **Faculty Induction Programme** to facilitate faculty and staff to acclimatize to institutional policies



Fig.6.3.1 Staff Welfare Measures

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**Response:** 8.16**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
23	34	45	13	25

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**Response:** 8**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	6	6	16	9

File Description	Document
Institutional data in prescribed format	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**Response:** 81.91**6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
300	339	284	274	221

File Description	Document
IQAC report summary	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Response: Affirmative

The Finance Committee is constituted as per the guidelines of UGC and meets twice a year. Principal is the Chairman of the committee. The institution has a well-defined policy for internal and external audit. The department heads/library/coordinators of centers and centers of excellence/research and office of administration submit the proposed budget to the chairman of the finance committee well before the commencement of ensuing academic year. The consolidated proposed budget is analyzed by finance committee and the draft budget is submitted to Governing Body for approval. Principal communicates the sanctioned budget to the concerned. The finance committee reviews the utilization of the budget (prior to GB) and recommends reallocation of funds to Governing Body.

INTERNAL AUDIT

- **Internal Audit** of the financial statements is conducted regularly
- **Auditing Documents** related to the accounts like voucher and invoice
- **Monitor** day-to-day operations, balance of assets and liabilities and legal requirements
- **Month-end** closing of book of accounts
- **Stock Verification Committee** checks the inventory of chemicals, equipment, computers and other resources
- **On-Time Payment** of Professional Tax, TDS, PF, ESI and GST
- **Review of Funds** received from the government agencies, passing of bills and timely submission of utilization certificate and statement of expenditure
- **Rectification** of audit queries after review, if any
- **Submission** of Quarterly, Half-yearly and Yearly Books of accounts to Statutory Auditors

EXTERNAL AUDIT

- **External Chartered Accountant** conducts statutory audit of accounts
- **Scrutiny** of bank pass book, cash book, purchase, payroll and other vouchers/bills/documents
- **Queries and Clarification** on observing the books of accounts-by-accounts team and Managing Trust
- **Audit Observations** by the external audit is carried out by the finance controller after discussion with accounts team.
- **Closing** of Trail Balance and Books of accounts
- **Preparation of Financial Statement** by finance controller
- **Approval** of the Finance statements by Managing Trust
- **Filing** of financial statement for the completed financial year
- **Transparency of Financial Report** is reflected on book of accounts

OVERVIEW OF THE FINANCE, ACCOUNTS & AUDIT

- **Bookkeeping:** Double-entry Bookkeeping
- **Systems:** Tally ERP SERVER – Version 6.5.4
- **Accounting Standard:** Indian Accounting Standards
- **Accounts Team - Qualification & Experience:** Graduate in B.Com. M.Com. PG Diplomas and MBA with more than 30 years of experience.

DETAILS OF EXTERNAL AUDIT FIRM

Mr. V. Chandra Mouli B.Sc., F.C.A.

Chartered Accountant-M.No: 21453

339 Variety Hall Road

Coimbatore 641001

Phone Number: 0422-2390894

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 69.34

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
14.89065	11.75905	14.08736	13.14158	15.45742

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Response: Affirmative

POLICY STATEMENT FOR MOBILIZATION OF FUNDS

To provide quality education and congenial environment, the institution has a sustainable mechanism of fund mobilization for state-of-the-art infrastructure, laboratories, center of excellence, centers, sports facilities, technology integration in teaching-learning, welfare measures for faculty/staff/student and effective co-curricular and extracurricular activities.

FUND MOBILIZATION

Resource mobilization and optimal utilization of funds are effected through the following:

- **Self-Financing** The institution is self-financed since its inception during the AY 1997-98
- **Trust Support** The visionary management extends financial support as per requirement
- **Borrowings from Bank** Additional Funds are mobilized through bank borrowings by the Trust
- **Fixed Deposits** Revenue is generated through interest from fixed deposits
- **Tuition Fee** The key source of funds generation is the fee collected from students without capitation or donation
- **Rental Revenue** Revenue is generated by extending the institution's premises for conduct of competitive examinations, ICAI, and other university/board examinations
- **Laboratory Facilities** Nominal charges are levied by extending the laboratory facilities to schools and other institutions
- **Consultancy Revenue** According to consultancy policy, 40 to 60 percent of total revenue generated is transferred to the institution
- **Other Revenues** Fee collected for Certificate verification and issue of Transcript

Government Funding

- **Grants** received from various schemes namely DST-FIST from Department of Science and Technology (DST) and DBT-STAR scheme from Department of Biotechnology (DBT)
- **Indo-German** project exchange project funded by DST-Deutscher Akademischer Austausch Dienst (DST-DAAD)
- **Research Grants** from UGC, Indian Council for Medical Research (ICMR), Indian Council for Social Science Research (ICSSR)
- **Grant** from IMPacting Research INnovation and Technology (IMPRINT), Government of India
- **Students Projects** from Tamil Nadu State Council for Science and Technology (TNSCST)
- **Seminar/Symposia/Workshop/Awareness** grants from DST, DBT, CSIR, ICMR, Entrepreneurial Development Institute of India (EDII), ICSSR, TNSCST
- **Swachh Bharath** Grant for clean India, Government of India
- **Grant** from All India Council for Technical Education (AICTE) Training and Learning Academy Faculty Development Program (ATAL FDP)

Alumni Contribution

- **26 Endowment Funds** each Rs.1,00,000 to conduct endowment lectures
- **Scholarships** to economically challenged students
- **Best Outgoing Student** awarded as star performer

Philanthropists/Individual/Trust

- **Cash Prizes** to encourage achievers in sports
- **Cash Prizes** to best performing school students organized on National Science Day by NGOs
- **Financial Assistance** for Sri Lankan students includes tuition and pre-diem expenditure

OPTIMAL UTILIZATION OF FUNDS

Infrastructure and Maintenance

- Development and maintenance of infrastructure
- Renovation and modernization of laboratory facilities
- Modernization of central library and its resources
- Maintenance of green campus and eco-friendly environment
- Facilities for renewable energy
- Development of sports amenities
- Furniture and stationery

Academics

- ICT facilities for enhanced teaching-learning
- Utilization of resources for the conduct of examinations
- Facilitate the functionality of 23 centers, 32 clubs, NSS and YRC
- Internet and Wi-Fi facility
- Maintenance of software and internet facilities
- Books and magazines for the central library

- Teaching aids/tools

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

Response:

Response: Affirmative

The IQAC aims to ascertain quality by initiating quality improvement strategies in a systematic manner.

- Curriculum Design
- Teaching-Learning
- Research and Development
- Faculty Enrichment
- Training and Placement
- Co-curricular and Extra-curricular Activities

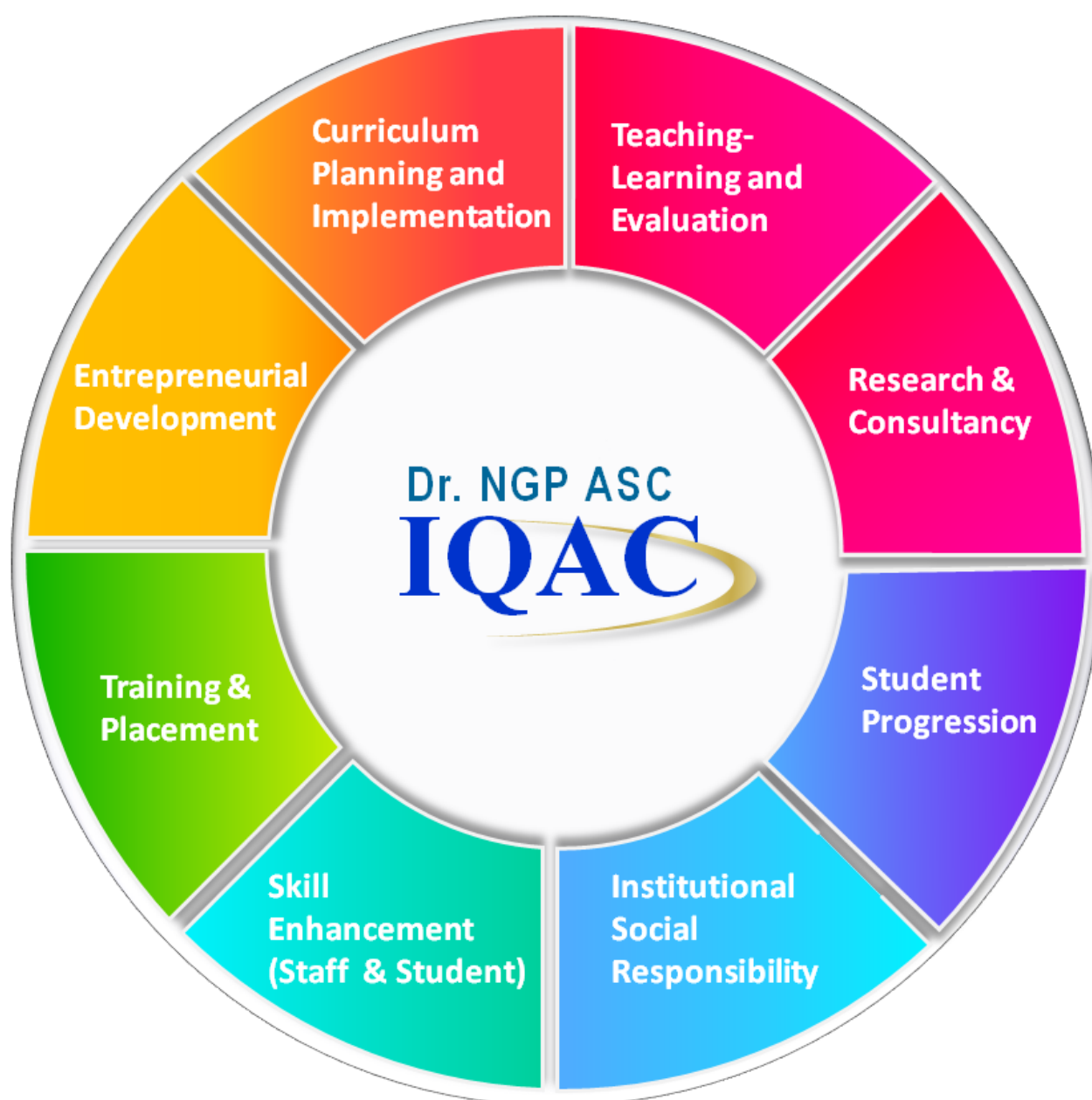


Fig. 6.5.1. IQAC

IQAC has initiated to adopt collaborative learning pedagogy for enhance learning through working together as team.

INITIATIVE – 1 COLLABORATIVE LEARNING

The significant methods used are:

Establishment of Consortium of Colleges

The consortium of three colleges namely Dr. N.G.P. Arts and Science College, Gobi Arts College and Vellalar College for Women established for faculty and student exchange and collaborative teaching – learning and research.

Connecting Industry to Classrooms

Opportunities for industry to connect to students identified to deliver real-world relevance and career exposure to students. Collaborative learning facilitated through Invited talks, Training by MoU partners, IIPC, Alumni talks and Elite talks by entrepreneurs

Visiting Faculty

Visiting Faculty from specialized areas extend their expertise to faculty and students. Departments of Medical Physics, Hospital Administration, Clinical lab Technology and Food Science and Nutrition engage physicians from KMCH to expose students to real-life experiences.

Outcomes of Collaborative learning

The above quality initiatives resulted in following outcomes

- Stimulates critical thinking and helps to clarify ideas through discussion and debate
- Creates an environment of active, involved, exploratory learning
- Promotes a culture where students can practice building leadership skills

To enhance learning experiences for students and develop independent critical thinking skills IQAC suggested incorporating research component in undergraduate curriculum

INITIATIVE – 2 UNDERGRADUATE RESEARCH

Lab on Project (LoP)

A single credit mandatory course introduced which is three semester-long research or creative project that students work on under the guidance of senior students and faculty mentor.

DBT STAR Scheme

The scheme provides unique exposure to students in the areas of experimental science. Activities are encouraged to inculcate interest in basic sciences. The facilities provided are:

- Centralized Instrumentation Facility
- DST-FIST sponsored Lab

Funded Student Project

Students are encouraged to apply for funding to support their research. Center for research supports students to identify funding opportunities and proposal writing.

Seed Money for Pilot Project

To promote research culture among students and faculty, seed money is provided.

IPR-Copyright

Awareness on IPR is given to students at undergraduate level. Ability enhancement course on IPR and

Research Methodology is mandatory during the final year of study.

Outcomes of Undergraduate Research

- A sum of 11.6 lakhs has been sanctioned to support 232 projects.
- Extension of DBT STAR Scheme for two years from AY 2021-22
- 1313 Lab on Projects completed

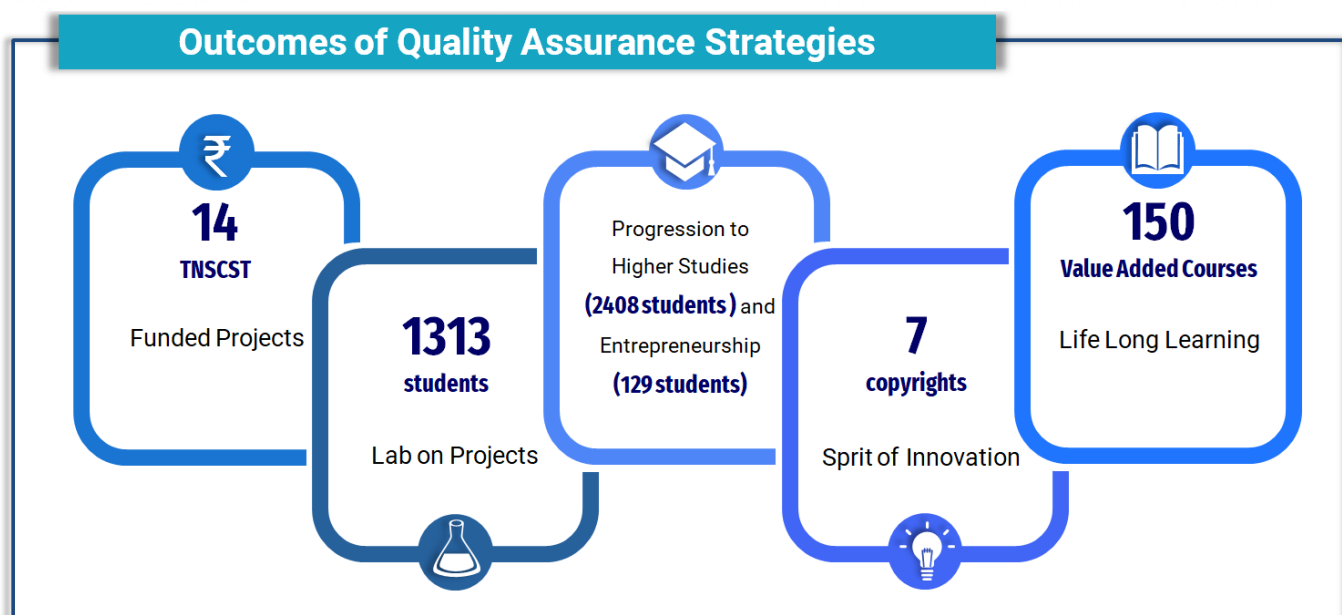


Fig. 6.5.1. Outcomes of Quality Assurance

INCREMENTAL GROWTH ATTAINED DURING THE ASSESSMENT PERIOD:

The effort of IQAC is evidenced in incremental growth of the institution in academic, administration, research and development and students' progression

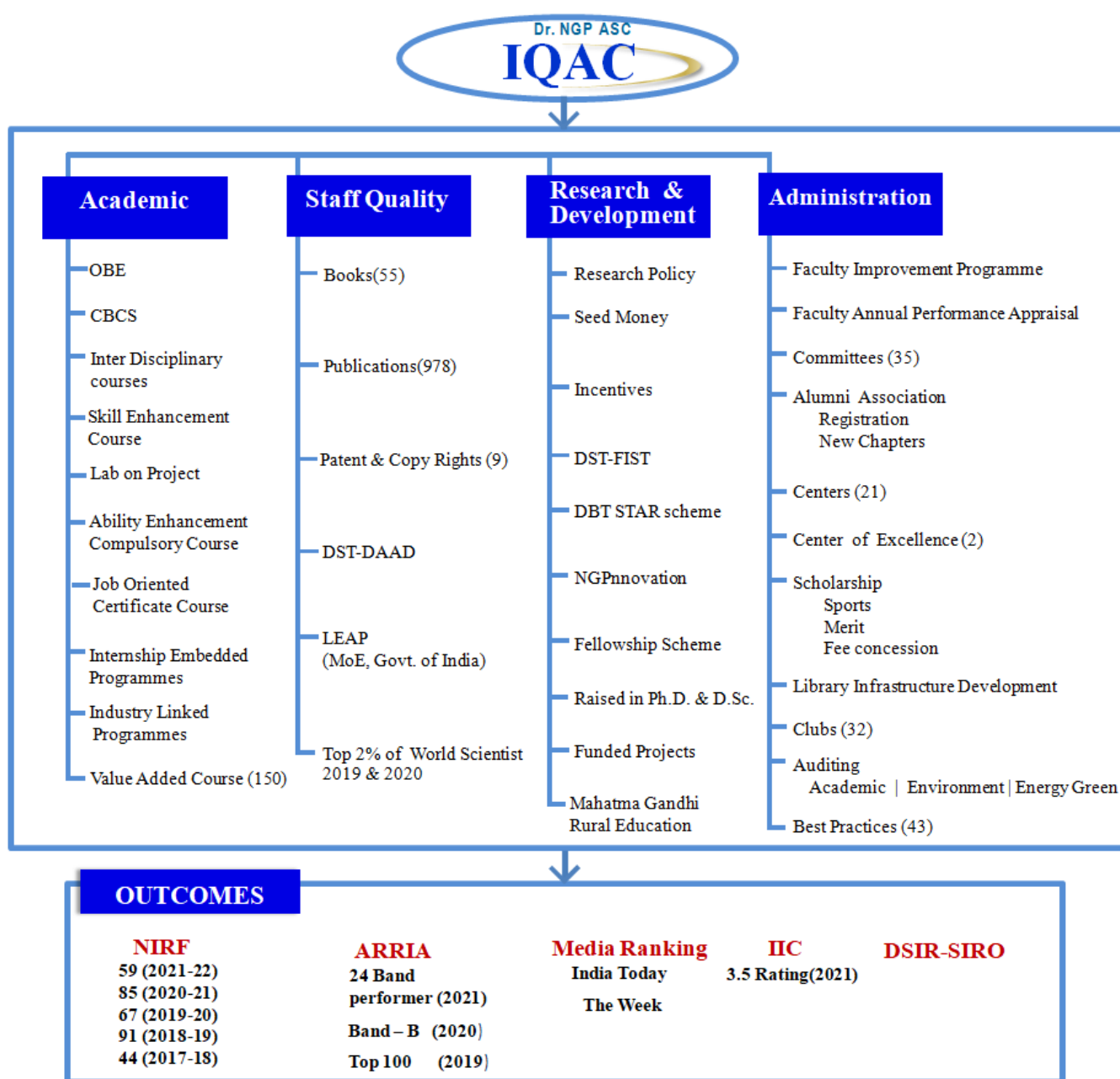


Fig.6.5.1. Incremental Growth Attained

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

Response: Affirmative

INSTITUTIONAL REVIEW MECHANISM

IQAC brings out a structured mechanism to review the Teaching Learning process at periodic intervals. Academic activities are planned in advance and reflected in Academic Calendar which is monitored and evaluated by Calendar Validation Committee. Academic and Administrative Audit, Finance Audit are conducted periodically to monitor and appraise the same. The annual Faculty Performance Appraisal comprises contributions towards Academic, Administrative and Research activities. Besides, 360-degree feedback mechanism is also followed for Academic evaluation.

Micro Planning and Review

- **Micro Planning** of the course is done at the beginning of the semester
- **Syllabus Completion** as per plan is recorded in the logbook with details of the course/ teaching plans specifying the topic, methodology adopted, allocated hours to handle particular topic by course handling faculty and reviewed by the Head of the department
- **Group Discussions**, MCQ Tests and Unit Tests are conducted after the completion of every unit
- **Log Book Audit Committee** audits the logbook periodically and submits a report to the Dean Academics and Principal
- **Rubrics Assessment** is based on classroom participation, library utilization, paper presentations, assignments and report preparations
- **Remedial Classes** are conducted to equip slow learners with peer teaching and additional assignments

Academic Audit

- **External Academic Audit** ensures adherence to course plan, innovative teaching methodology adopted, maintenance of academic records and quality of internal question paper
- **IQAC** reviews academic audit reports and suggests corrective measures to be adopted for the ensuing academic year
- **Class Committee Meetings** are regularly convened by Head of the Institution before the commencement of end semester examinations to receive feedback from students on the effectiveness of Teaching Learning process and the queries registered are addressed. Quality enhancement in academics is done through effective edification, monitoring and evaluation

CO/PO Attainment

- **Outcome-Based Education** the attainment levels are assessed through direct and indirect methods
- **Course Outcome Attainment** helps to propose suitable syllabus revision in the following academic year

360 Degree Feedback

- **Feedback on Faculty Performance** is received from Students, peers and HoD/Dean/ Principal

- **Final Grading** is done on a four-point scale and categorized as Grade A (3.41 – 4.00), Grade B (3.01-3.40), Grade C (2.51-3.00) and Grade D (below 2.50)
- **Reforms** are visualized in the teaching learning process viz., appreciation (Grade A), suggestions for improvement (Grade B), critical review for improvement (Grade C) and counselling & guidelines (Grade D) to improve their performance

Annual Performance Appraisal

- **Performance Based Appraisal System** is in practice to assess the contribution of faculty towards Academic, Administrative and R&D activities
- **Weightage** of 50 points is allotted to each component and the score serves as a mechanism for reviewing the individual faculty performance and consideration for promotion

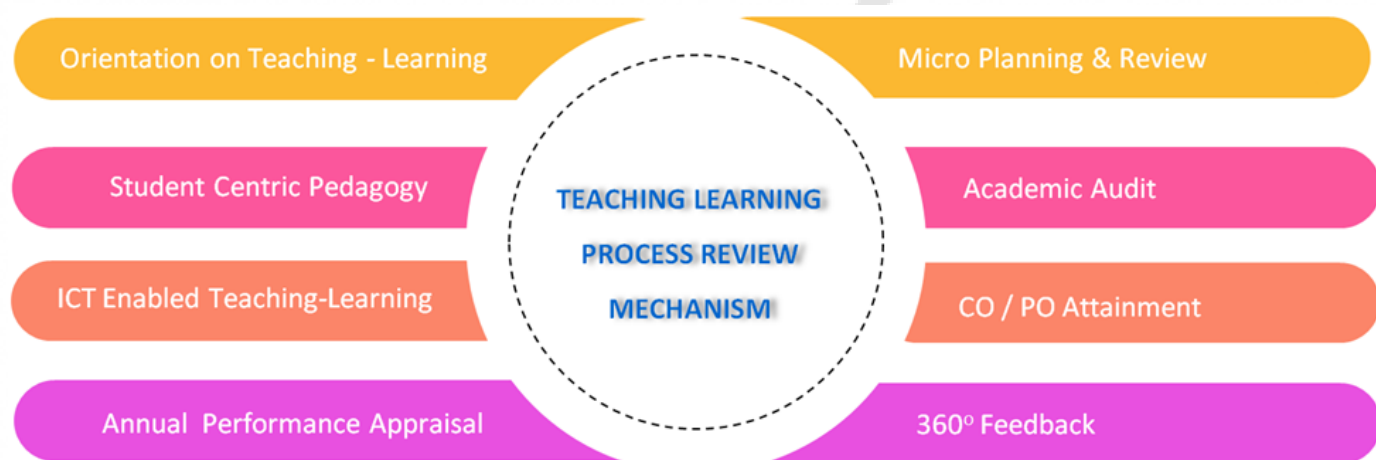


Fig.6.5.2 Teaching Learning Process Review Mechanism

IQAC initiative for improvement: ICT ENABLED TEACHING-LEARNING

The integration of ICT in teaching and learning provides better chances to enhance and optimize the delivery of curriculum. IQAC encourages the adoption of ICT enabled Teaching-Learning. In addition, faculty members are given insights into ICT tools through Faculty Development Programme.

ICT Teaching Nuances and Facilities

- **Platforms** like Google Classroom and Moodle are used to assist the ICT-enabled sharing of knowledge, facilitates students to involve in Group Discussions, helps to conduct hassle-free online MCQ (all courses) and General Awareness End Semester Examinations
- **Wi-Fi/Internet Connectivity** are enabled in all Classrooms, laboratories, seminar halls, conference/board rooms are equipped with overhead and LCD projectors
- **Flipped Classrooms** supports blended learning through Google classroom and Zoom platforms
- **Effective Learning Applications** like Edmodo, Kahoot, Moodle etc. are used to administer a customized e-learning forum to access, scale, and implement curriculum-based content and activities to redefine teaching methodology
- **Extra Credit** for completion of courses offered by MOOC, SWAYAM, NPTEL, UGC, IGNOU, NCERT, Course Era and Spoken Tutorial from IIT Mumbai
- **ICT Academy of Tamil Nadu** trains faculty on Digital Teaching Techniques. The institution promotes Faculty Development Program, workshops in association with ICTACT (Government

recognized) to enhance the ICT-oriented skills among students

INCREMENTAL QUALITY IMPROVEMENTS AND POST ACCREDITATION INITIATIVES

- Outcome based education implemented in Regulation R2 from the academic year 2017-18 and onwards
- Introduced industry linked and undergraduate and post graduate programmes
- Need based periodical revision of curriculum incorporating courses addressing employability, skills, entrepreneurship, lab on project for undergraduate research and internships for on-the-job training and ability enhancement compulsory courses to address cross cutting issues, generic electives to acquire knowledge in other disciplines
- Advanced learner course to pursue overseas internship for a period of one month
- Collaborative learning with Consortium of colleges established among three autonomous colleges for staff and student exchange
- Center for Industry-Institute partnership
- Apprenticeship embedded graduate Programs
- Industry embedded programmes with 6 months compulsory internship
- On the job experience through compulsory industrial training in medical physics, hospital administration and clinical lab technology
- Job oriented certificate courses with industry partners
- Centres (21) and Center of excellence (2)
- Skill enhancement of students for placement and progression to higher education
- Value added Courses (150) offered in thrust areas
- Academic audit (internal and external) conducted, reports analyzed and corrective measures taken
- Examination Reforms Committee constituted and reforms implemented based on the suggestions and recommendations
- Online examinations for CIA, ESE, evaluation and publication of results during pandemic
- Virtual classes during pandemic
- Students motivated to undertake MOOC courses and one extra credit awarded on completion
- Recognitions to research output, Research advisory committee screens and assists in submission of manuscripts earned faculty publications in reputed peer reviewed, indexed journals
- IPR awareness increased the patents and copyrights of staff and students
- 360-degree feedback from stakeholders obtained, analyzed and action taken
- Infrastructure facilities like laboratories, classrooms, seminar halls have increased
- Central instrumentation facility (DST-FIST) established to promote research
- Progression towards higher studies increased by the support of Center for career development

File Description	Document
Any additional information	View Document
Link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed

and used for improvements

2. Collaborative quality initiatives with other institution(s)

3. Participation in NIRF

4. Any other quality audit recognized by state, national or international agencies (ISO Certification)

Response: All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

Response: Affirmative

The institution is even though co-educational, it is evidencing an incremental enrolment of girl students for pursuing higher education in Tamil Nadu. The quintessence values, goals and policies ensure sensitization in the provision of facilities and conduct of curricular, co-curricular and extra-curricular activities towards Gender equity, safety and security within campus.

INCORPORATION AND STANDARDIZATION OF GENDER EQUITY

The institution's gender equity programs lead to empowerment, sustainable growth, and socio-economic reformation, in consonance with **policy statement of Rural Education with Women Empowerment**

- **Equal Representations** in academic and administrative responsibilities by women in various portfolios including Deans (60%), HoDs (46%), female faculty (62%) Coordinator of IQAC & Curriculum Development Cell, Academic Council (50%), BoS Members (59%), and Facilitators of Committees/ Clubs/ Centers (49%)
- **Highest Enrolment** of girl students among co-educational institutions in the state
- **Average Enrolment** of girl students during the accreditation period is more than 53.61%
- **Management** of the institution is governed by efficient leadership
- **Prioritization of Opportunities** for students to organize/participate in diverse events
- **Republic Day Parade** consistent State and National Level participation with financial support

Sensitization of Gender Equity

- **Student Induction Programme** conducts sessions to sensitize the new entrants on gender equity and grievance redressal mechanisms.
- **Gender Based Activities** are organized through Center for Equal Opportunity, Women and Gender Development, Women's Forum, Health Care Committee, and Anti-Sexual Harassment committee
- **Courses** on Human Rights/Women's Rights serve as principal initiatives of gender sensitization
- **Gender Sensitization** are conducted through International/ National conferences/ workshop/ seminar webinars and workshops
- **Health and Nutrition Awareness** like Breast Feeding, Breast Cancer, Premarital guidelines, Lactating Mothers, Product development through self-help group and diet pattern for transgenders disseminated among students
- **Observations** of International Women's Equality Day, Mother's Day, World Father's Day, International Women's Day, International Day of Zero Tolerance for Female Genital Mutilation, National Girl Child Day, Sister Nivedita Day are conducted annually
- **Mental Well-being** ensured among faculty, staff and students viz. World Suicide Prevention Day, International Yoga Day

- **Awards and Honors** for distinguished personalities on academic, research and co-curricular activities

FACILITIES FOR WOMEN

Safety and Security

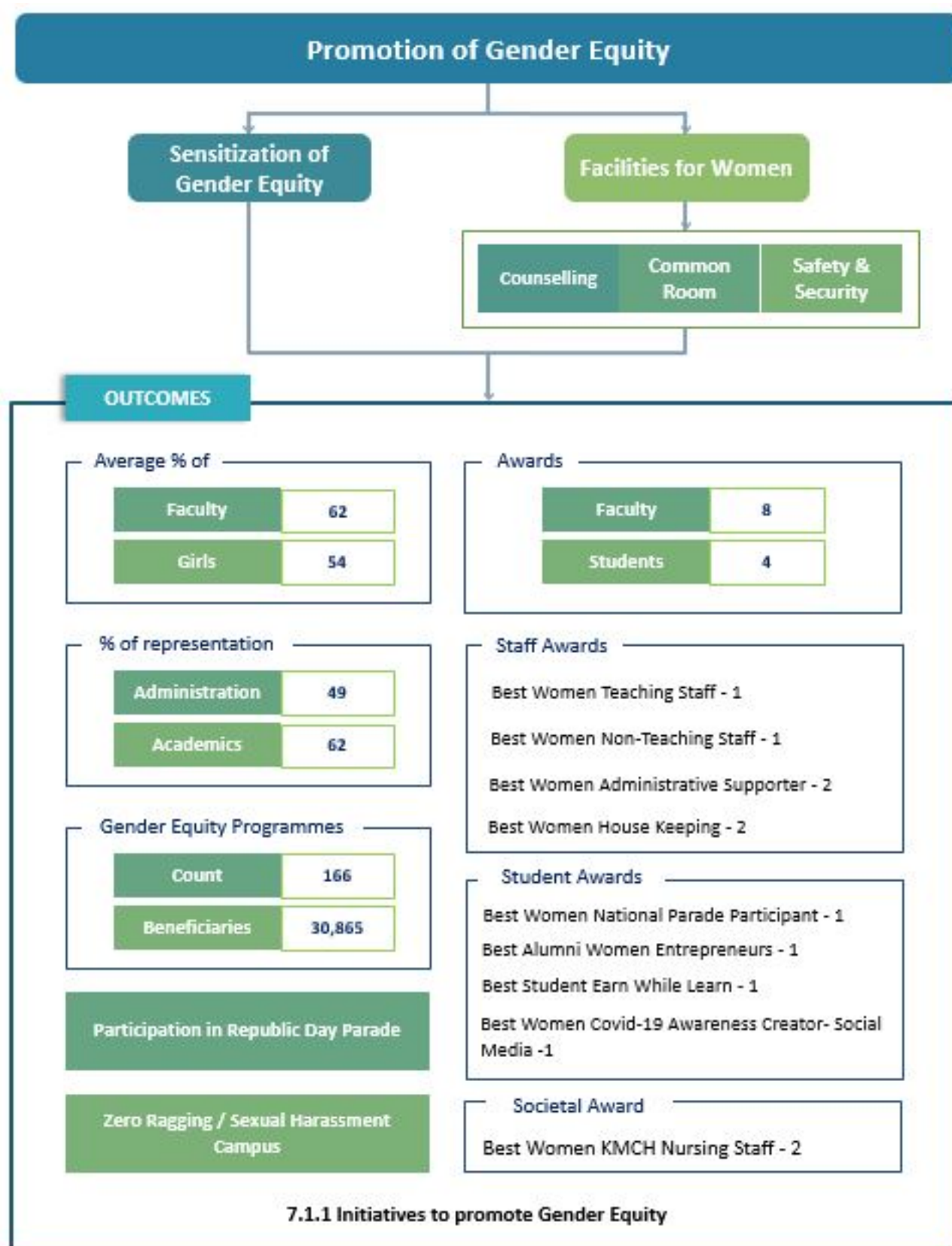
- **Anti-Sexual Harassment Committee** ensures secured ambience
- **Security** in campus with CCTV surveillance
- **Monitored Entry** of all vehicles and persons
- **Accompaniment** of women staff during educational trips
- **Mobile Kavalan App**, promoted by Tamil Nadu Police Department installed in all girl student's mobile to ensure safety
- **Separate Ladies' Hostel** with biometric monitoring of entry/exit and managed by Women Warden(s)
- **Transportation** facilities extended to interior places
- **Exclusive Vehicle Parking** for Women

COUNSELLING

- **Internal** counselling through mentors/ class tutor/ HoD / professional psychologist
- **External** counselling provided through KMCH hospital run by the Trustees of the institution
- **Career** counselling extended by Center for Academic and Career Development
- **Life-Skills** training offered by Center for Value Education

COMMON FACILITIES

- **Exclusive Gym Facilities** in Ladies' hostel
- **Medical/ Sick/ Retiring/ Common Rooms** for students and faculty
- **Multipurpose Recreation Hall**
- **Food Court/ Cafeteria**



File Description	Document
Annual gender sensitization action plan	View Document
Specific facilities provided for women in terms of: a.Safety and security b.Counselling c.Common Rooms d. Day care center for young children e. Any other relevant information	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: B. 3 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Response: Affirmative

The Green Environmental policy of the institution minimizes pollution by reduce, reuse and recycling. Usage of renewable resources wherever possible creates an eco-friendly campus.



WASTE MANAGEMENT

Solid Waste

- **Academic and Administrative** blocks have bins for waste collection
- **Sanitary Napkins** collected by M/s. Eco Trees India (P) Ltd. for disposal
- **Food Waste** from institution and hostel are used as animal feed M/s. Nagaraj Mini Pig Farm
- **Paper Waste** from the institution recycled by M/s. Rajam Enterprises
- **Campus Waste Management** is outsourced to the external agency M/s. No Disposal (Waste Value Chain)

Liquid Waste

- **Sewage Treatment Plant** with a treatment capacity of 1,00,000L/ Day is set-up
- **Treated Waste Water** is used in watering the 65,000 sq ft. greenery

E-Waste

The regular upkeeping of IT infrastructure by computer cell improves functional efficiency and lifespan thereby reducing e-waste generation.

- **Refurbishment** of e-waste for reuse
- **Exchange** of outdated computers with latest configuration
- **Disposal** of used batteries by M/s. Novateur Electrical and Digital Systems Pvt. Ltd.

Hazardous Chemicals and Radioactive Waste

- **Functional Measures** to deal with hazardous waste
- **Hazardous Chemicals and Radioactive Materials** not used in laboratories
- **Fume-hoods** used to handle concentrated acids
- **Media and Microbes** discarded through established protocols
- **Glass Wastes** collected separately and discarded
- **Acids and Bases** neutralized before disposal
- **Safety Guidelines** displayed in all laboratories

E-SERVICES

- **E-communication** for all academic and administrative affairs
- **Digital Academic Calendar** to communicate calendar of events anytime everywhere
- **Online MCQ** test for End Semester Examinations
- **Secured Payment Gateway** for fee payment
- **E-Publication** of results through institution website
- **Online End Semester Examination** during COVID-19 pandemic

GREEN CAMPUS

Energy Conservation

- **Energy Saved** by usage of LED lights, sensor-based lights in rest rooms, sensor-based water level indicators

- **Battery Operated Vehicles** for campus cleaning and transportation

Renewable Energy

- **Alternate Energy** power generation deploying 80 kWh solar cells generates 23% of total power requirement
- **Water Heater** in hostels operated using solar power
- **Solar Street Lights** installed in the campus

Green Campus

- **Lawn Area** of 65,000 sq ft.
- **63 species of Trees and Plants** irrigated by recycled water
- **Herbal Garden** with 27 varieties of herbal plants
- **Vertical Gardening** to synergize greening, reduce pollution etc.
- **Flora and Fauna** of the campus attracts more than 32 heterogenous species of birds
- **Terrace Garden** training to public by trained faculty through Institution Social Responsibility (ISR)
- **Single Use Plastic** banned to reduce plastic pollution
- **Produce from Organic Farming** sold to faculty, staff and students
- **BS6 Certified Buses** to reduce carbon emission
- **Common Commutation** initiatives to faculty, staff and students to reduce carbon footprints
- **Green Auditing** to sustain green campus

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Geotagged photographs of the facilities	View Document
Any other relevant information	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

- 1.Restricted entry of automobiles
- 2.Use of Bicycles/ Battery powered vehicles
- 3.Pedestrian Friendly pathways
- 4.Ban on use of Plastic
- 5.landscaping with trees and plants

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

- 1.Green audit
- 2.Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions / awards
- 5.Beyond the campus environmental promotion activities

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Response: Affirmative

The institution strives to imbibe tolerance and harmony in young minds. Various cells, centers, clubs conduct activities to amalgamate cultural, regional, linguistic and economic diversities.

PROMOTION OF CULTURAL DIVERSITY

- **Cultural Events** NGP Fest (Inter-department), Exotica (Inter-Collegiate), enables students to work in unison expelling diversities
- **Multicultural Festival** is held annually to celebrate cultural diversity
- **Gender Equity** is promoted through a range of collaborative programs held in the campus
- **Ethnic Food Culture** is appreciated through food expo and carnivals
- **National Handloom Day** is observed to promote handlooms
- **World Tourism Day** is observed to appreciate the cultural diversity
- **Alumni Chapters** in Sri Lanka, UAE (International), Bengaluru (National) and Tirupur (State-level) promotes diverse culture

PROMOTION OF REGIONAL, NATIONAL AND INTERNATIONAL LANGUAGES

- **National Language** (spoken Hindi) classes for all undergraduates
- **Regional Language (Tamil)** contributors are identified and recognized for their outstanding work

in Tamil through World Tamil Cultural Center and Ilango Adigal Tamil Mandram under the aegis of Center of excellence – Regional language

- **Regional Language (Malayalam)** is offered as optional language
- **Foreign Language** learning (French and German) is encouraged
- **English Proficiency** is improved through British English Council (BEC), Drama Club, Communication & Media Club, Presentation Club and 60/60 Club under the umbrella of Center for Language Learning

NAAC

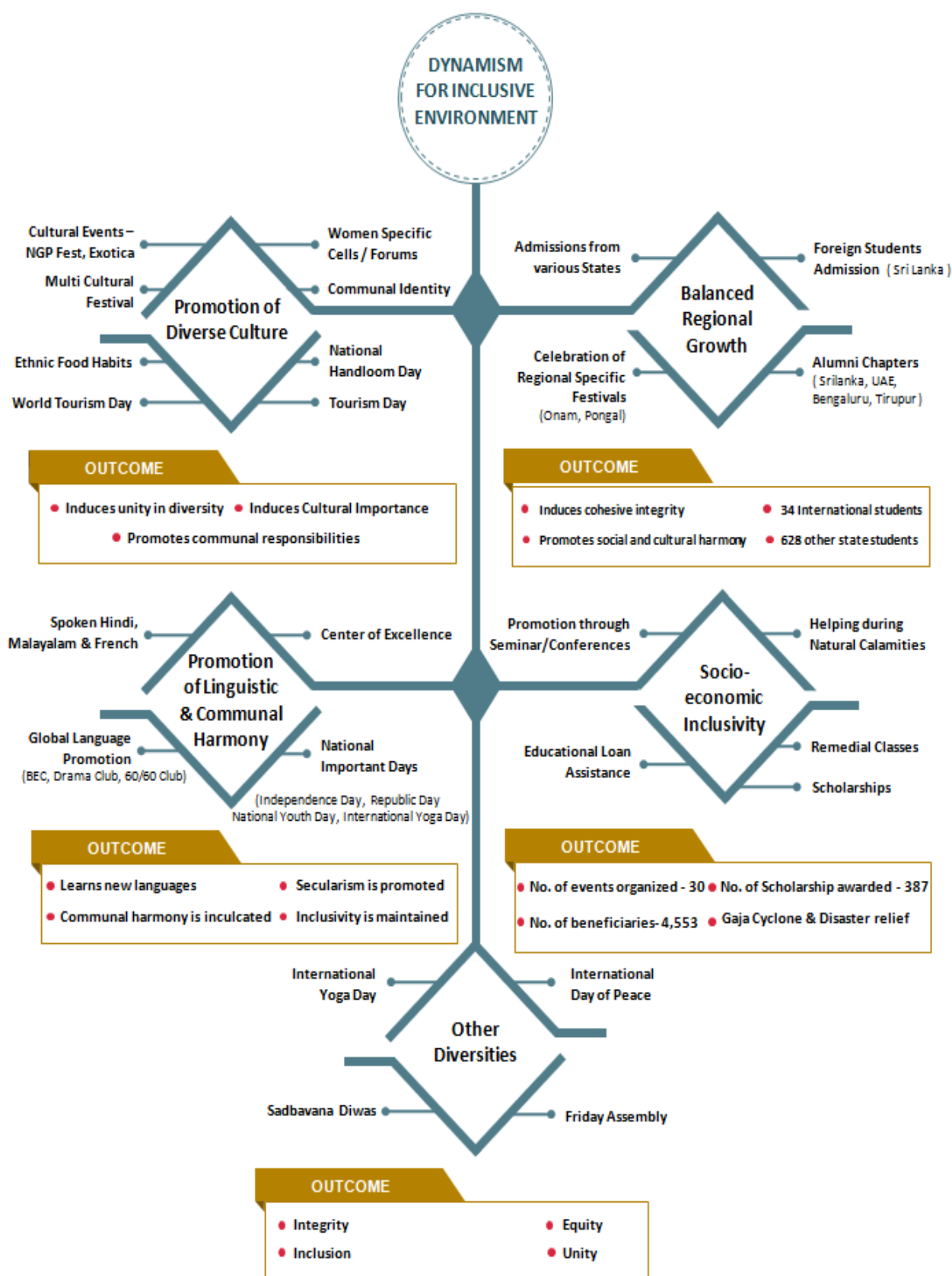


Fig.7.1.8 Dynamism for Inclusive Environment

PROMOTION OF COMMUNAL HARMONY

- **Patriotism** is expressed through celebrations and observations of Independence Day, Republic Day, National Unity Day, National Youth Day and Gandhi Jayanthi

- **Flag Day** is observed by donating funds to the National Foundation for Communal Harmony
- **Solidarity** is evidenced with uniform dress code on Friday
- **Quotes from All Scriptures** are read during Friday assembly
- **Grievance/Issues** if any addressed through committees/cells such as disciplinary committee, anti-ragging committee and student grievance cell

SOCIO-ECONOMIC INCLUSIVITY

The institution consciously ensures the upliftment of the economically deprived students by providing financial support and extra-care.

- **Social Values** are promoted through conference/ seminars/ workshops organized by centers/clubs/committees
- **Social Responsibility** is built through helping during natural calamities like Gaja cyclone
- **Disaster** relief amounting to Rs 3,81,000 provided to affected student
- **Educational Loan** assistance through bank exhibitions
- **Remedial Coaching Classes** for slow learners and rural students
- **Scholarships** for economically disadvantaged students
- **Extension Activities** organized to cater to the needs of the disadvantaged

OTHER DIVERSITIES

- **International Yoga Day** for physical and mental well being
- **International Day of Peace** to strengthen ideals of harmony
- **Sadbhavana Diwas** to prevent violence and promote goodwill
- **Friday Assembly** every week with uniform dress code

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Response: Affirmative

The management, administrators and faculty are the role models to proclaim constitutional obligations in the minds of budding students. The prime vision of institution is to transform the future citizens of our nation with right values, duty conscience and spirit of patriotism.

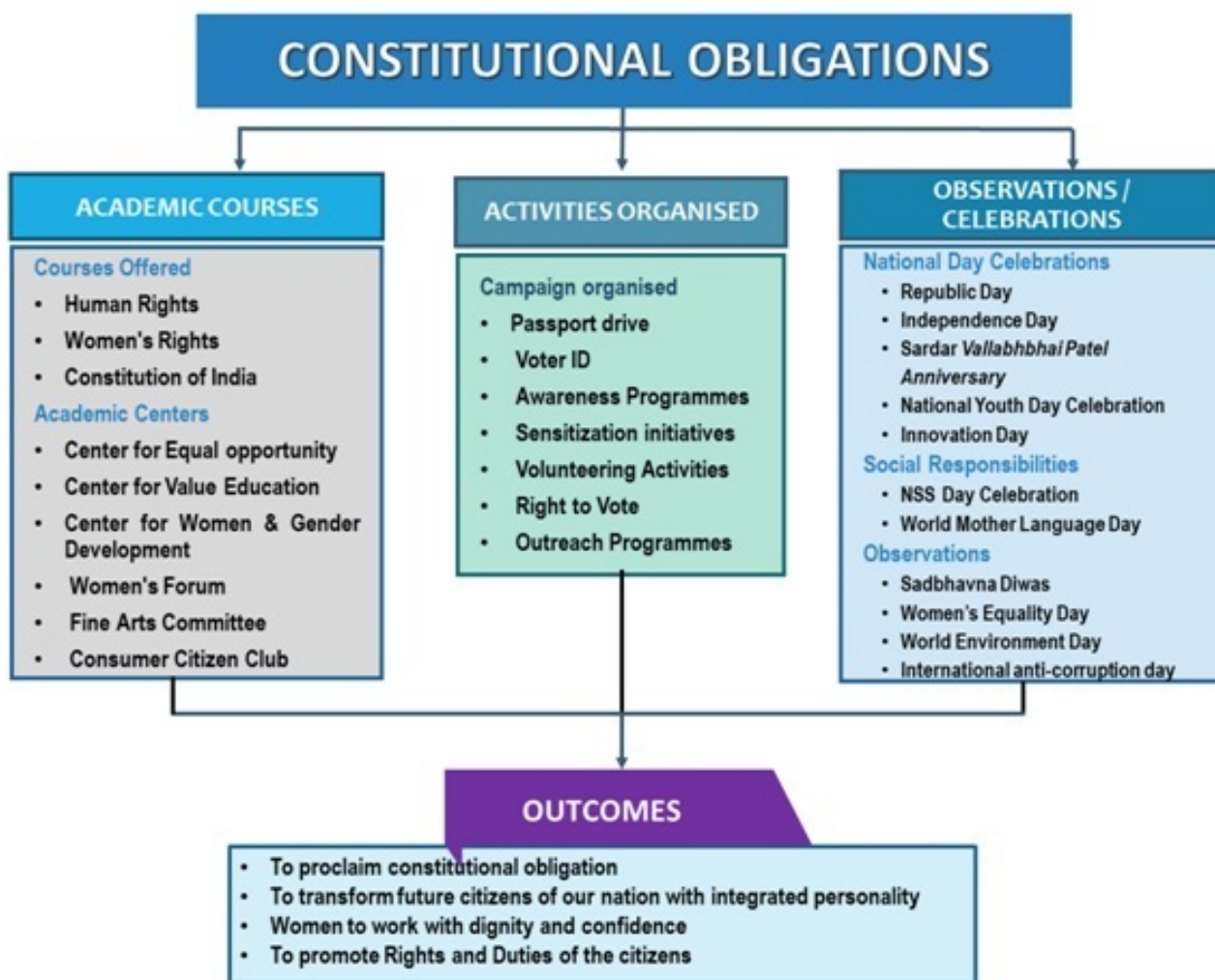


Fig.7.1.9 Constitutional Obligation

SENSITIZATION OF CONSTITUTIONAL OBLIGATIONS

Academic Courses/ Centers

- **Courses Offered** to emphasize constitutional obligations such as Women's Rights, Constitution of India, Human Rights, Environmental Studies, Economic and other Legislations -Part-IV offered in curriculum and totally **10,475** students were benefited
- **Clubs/ Centers/ Committees** serve as platforms to inculcate values, rights, and adaptation of diverse cultural heritage
- **Citizen Consumer Club** spreads awareness on consumer rights
- **Center for Equal Opportunity** promotes equal opportunity and non-discrimination
- **Center for Value Education** organizes various programmes to inculcate honesty and integrity
- **Center for Women and Gender Development** address gender issues, legal awareness, health and aspire to uplift women
- **Fine Arts Club** organizes programmes to promote arts and culture, improve creativity and expression of thoughts

Activities Organized

- **Awareness** on Sukanya Samridhi Yojana, Post Office saving scheme
- **Consumer Rights Sensitization** on consumer related disputes and redressal mechanism through citizen consumer club
- **Voters ID** Seva Centers organized in association with Government of Tamil Nadu to correct mistakes in the Voter ID
- **Campaigns organized** to render help in association with India Post for online application and corrections of Aadhar and PAN cards
- **Passport drive** in association with Passport Authority of India for the students aspiring to study abroad
- **Income Tax Online Filing** to sensitize citizenship obligation
- **Volunteering Service** for ensuring safety through Friends of Police (FoP)
- **Financial Literacy** workshops, awareness and webinars on Cashless transaction
- **Invited Lectures** on constitution obligations and citizen responsibilities
- **Field Visits** arranged to understand the mechanism of Rural Administration-Panchayat Raj
- **Free Covid Vaccination Camps** conducted for students, employees and public
- **Pre and Post Budget** discussion by students to understand the expectations and salient features
- **Hackathon/ Rally** to create awareness on health / Fit India / communicable and non-communicable diseases
- **Right to Vote** to spread the electoral responsibilities among public
- **Covid-19 Awareness** short films / handouts / brochure through digital platforms to stakeholders and public
- **Stock Exchange** hands-on training at National Stock Exchange, Mumbai
- **Import Export** hands-on training at major sea ports
- **Corporate Annual General Meeting** observations at KMCH

Observations/ Celebrations

- **National Day Celebrations** like Republic Day, Independence Day, Sardar Vallabhbhai Patel Birthday, National Youth Day, Dr.A.P.J.Abdul Kalam's Memorial Day, Innovation Day, Geneva Convention Day to strengthen the spirit of unity
- **Social Responsibilities** are inculcated by celebrating NSS Day and National Sports Day
- **Observations** of Sadbhavna Diwas, Women's Equality Day, World suicide prevention day, World Environment Day, Wild life conservation day, International anti-corruption day and International Day

File Description	Document
• Details of activities that inculcate values; necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Response: Affirmative

The institution sensitizes and raises awareness through commemoration/observation/celebration of International/ National days to inculcate cultural values, best picture of our nation, national unity, civic sense, environmental concern and contributions of predecessors in science, literature and arts, among faculty, staff and students.

PLANNING

- **Academic Calendar** Day of commemoration/ observation/ celebration are planned in advance and reflected in the academic calendar
- **Departments** plan and organize events relating to their domain
- **Centers/ Clubs** identify and organize events pertaining to their objectives
- **Association with Non-Governmental Organizations (NGOs)** to create awareness on health and hygiene
- **Popularization** of events through college website and all digital platforms

EVENTS ORGANIZED

In consonance with the vision of institution, diversified awareness programmes/ events organized. Handouts are distributed to impart the fundamental duties, responsibilities, to abide the constitution and respect its ideals. Besides, essay/slogan/poem writing, poster presentations, panel discussions, quiz, rally, Hackathon, camp, etc., are regularly organized.

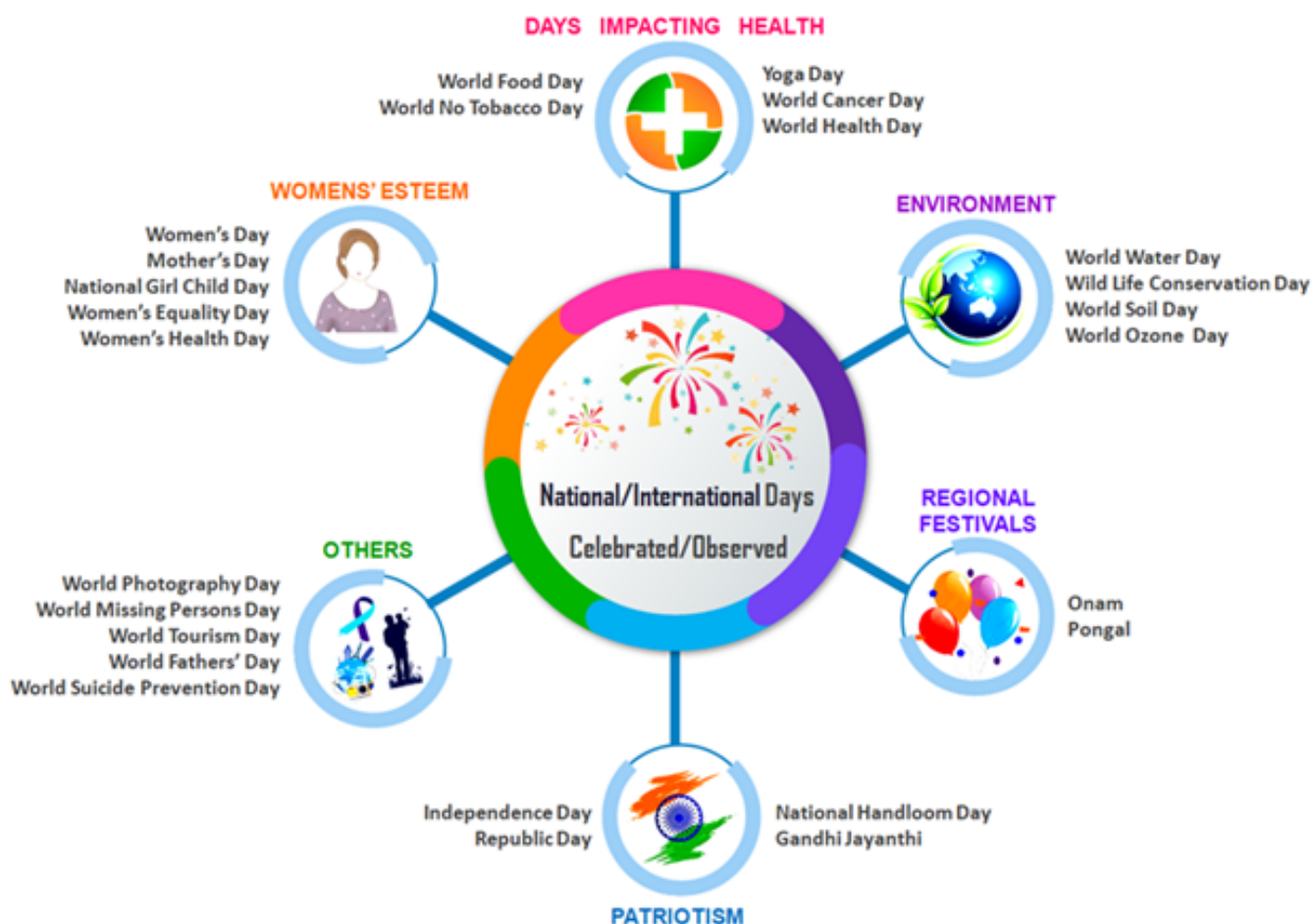


Fig.7.1.11 International / National Days Celebrated/Observed

Patriotism

- **National Days** like Independence Day, Republic Day are celebrated to honour our nation and its leaders
- **Observation** of Gandhi Jayanthi, Sadbhavana Diwas, Sardar Vallabhbhai Patel Birthday, National Youth Day, National Innovation Day, Kisan Diwas etc., to encourage national integration, peace, affection and communal harmony
- **Anniversary days** namely Teachers Day, National Mathematical Day, National Doctor's Day are observed to impart their significant contributions and achievements

Regional Festivals

- Pongal/Onam celebrated to acknowledge the almighty on harvest day

Women Esteem

- **Days of Honor** such as National Girl Child Day, International Women's Day, Mother's Day, Women's Equality Day are celebrated to recognize the significant contributions of women
- **Achiever Awards** the grit and determination of women progressing in career are applauded during **International Women's Day**

Days on Health Awareness

- Breast-Feeding Day, Cancer Awareness Day, World Food Day, World No Tobacco Day, International Yoga Day, World Cancer Day, World Health Day are observed in rural locations as directed by National Rural Health Mission, Government of India

Environment

- World Environment Day, World Water Day, World Pollution Control Day, Wildlife Conservation Day, World Soil Day, World Earth Day and World Ozone Day are observed to protect natural resources

Civic Sense

- National Voters Day** to create awareness on responsibility of citizens

Others

- Days** like World Photography Day, World Missing Persons Day, World Tourism Day, World Father's Day, and World Suicide Prevention Day are observed.

OUTCOME

- Ninety-one activities conducted by departments, centers and clubs to observe National and International days of importance
- Awarded Best Celebration for Breast feeding promotion by International Baby Food Action Network's (IBFAN) & Breastfeeding promotion network of India
- Clean environment award by Nature Conservation Society, Coimbatore
- Best green campus award by Nature Science Foundation
- Appreciations for student's service through NSS
- Nine representations in National/ State Republic Day Parade
- Imbibes the ideals of our great leaders to lead life with integrity, dignity, harmony and peace

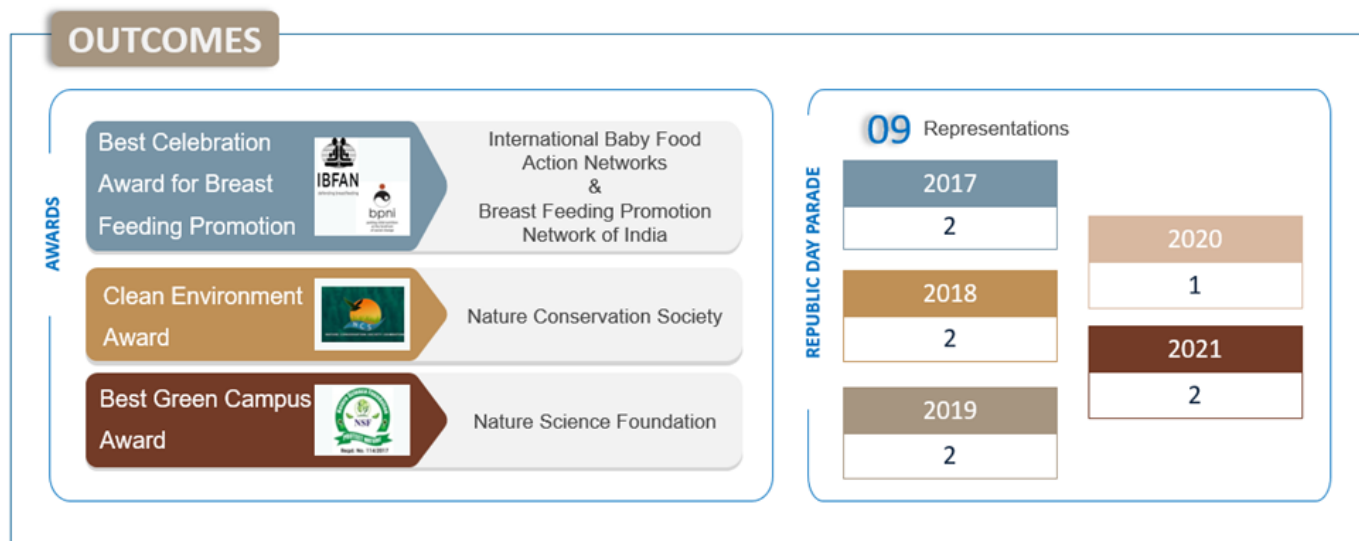


Fig.7.1.11 Celebration Outcomes

File Description	Document
Geotagged photographs of some of the events	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Response: Affirmative

The Best Practices at DRNGPASC

BEST PRACTICE- 1

Title of the Practice: Enhancing Student Learning Outcomes through Innovative Practices using I-Can and I-Con Clubs

Objectives of the Practice

The classroom is made up of students with mixed abilities where majority of the students are from the rural background representing the middle and lower middle socio-economic groups. To avoid psychological division and students as particular type of learners the institute has instituted two clubs I-Can and I-Con clubs to support slow and advanced learners. The objective is to make all students admitted to the institution equipped and competent.

I-Can Club

- To motivate every student to understand the importance of education and make them perform better
- To monitor the academic performance of slow learners, offer counselling and conduct remedial classes
- To teach specific learning techniques to build their confidence and focus on career development

I-Con Club

- To motivate advanced learners to strive for higher goals
- To support career enhancement through guidance, resources, and activities
- To motivate academic performance by steering them to attend conferences/ seminars/ workshops and publish research papers
- To undertake research both in-house and grant-in-aid

The Context

The institution fosters a learner-centered approach of teaching-learning methodologies in association with clubs specifically I-Can and I-Con clubs.

I-Can club helps students having low comprehensive and retention with counselling, ensures availability of additional study materials, tutorials, discussions, remedial classes, and enhancement of communication skills.

I-Con club for advanced learners focuses on enabling them to participate in group discussions/ technical quizzes/ webinars/ conferences to improve their presentation and questioning skills. The club support the capacity enhancement of students partaking higher education and research. Outbound training Programme are organized to enhance experiential learning and prospects in higher education and research.

Practices followed

Different mechanisms are used to identify the learning levels of students. Students at the entry level are assessed for communication and mathematical skills through pre-test, training, and post-test. Performance in Continuous assessment and class are also analyzed and used as criteria to identify students with high and low scores and devising strategies for effective learning experience for all categories.

I-Can Club Practices

The club focuses on providing additional inputs for the slow learners to bridge learning difficulty with a well charted support system.

- **Intensive coaching** in their domain-specific subjects by mentor, Special assignments, exclusive tutoring by the subject handling faculty
- **Personalised counselling** through respective mentors/class tutors to increase their confidence
- **24x7 learning** through ICT enabled Teaching Learning process enables students to take up studies through digital platforms
- **Peer-teaching** 'peer-to-peer learning activity' binds the students of the I-Con Club to assist and introduce their learning strategies to the students of the I-Can Club
- **Remedial coaching** by giving assignments and tests to gauge their quality improvement
- **Training on computer skills** extended to hostel students beyond college hours
- **Video lectures & Course materials** are additionally provided for self-study to make them understand the concept better

I-Con Club Practices

The club kindles a spirit of curiosity for new learning by providing guidance about the avenues of opportunities available in the campus for academic and career development

- **Research** works are converted to peer-reviewed publications with the guidance of their supervisors/ mentors
- **Competitive examinations** participations in TANCET, Banking, Insurance, Taxation, Group I and TNPSC are encouraged
- **Presentation/ Participation** in symposium/conference/seminar, quizzes, poster presentations, and

webinars

- **Seed money** promoting research with faculty guide
- **Professional bodies** membership is encouraged to enhance their domain specific academic pursuit
- **Extra credits** awarded for enhancing their language skills through Business English Certificate (BEC), online courses, learning foreign languages/ Hindi, certifications in typing and short-hand, best presentations in conferences/ seminars, publications in journals, mobilizing funds from agencies, completion of value added certificate programmes, self-study courses, advanced learner course, and representation in State/ National level celebrations etc.

Evidence of Success

I-Can Club

- **88% of overall Pass** in the academic performance shown steady increase in all the programmes
- **Counselling** given for mental well-being and to enable them in preparing for their examinations and coping up with their peers
- **Peer learning activities** promoted learning practice and new learning ideas in yielding better results

I-Con Club

- **Papers published** publication of their research works in reputed journals shown as gradual progress
- **Students passing competitive exams** (TANCET, Banking, Insurance, Taxation, Group I and TNPSC)
- **Two thousand three hundred and two** extra credits awarded
- **Seed Money** amounting to Rs.11.6 lakhs given to students to take up in house research

Problems Encountered and Resources Required:

- Students from vernacular medium find difficulty in understanding English. Bilingual explanation is delivered after class hours
- Some students are withdrawn, to avoid students being labelled as poor performers, care is taken to treat students equally in the class along with continuous mentoring, personal counselling and engaging in group learning activities

Notes (Optional):

I-Can Club

- 562 activities conducted
- 848 Students benefitted

I-Con Club

- 126 activities conducted
- 416 Students benefitted



Fig.7.2.1 Best Practice- 1: I-Can & I-Con CLUB

7.2.1 I-Can & I-Con Student Feedback

I-Can Club Student Feedback - Video Link



[Mr. E. Surakshan](#)
[191CO054](#)
[III B.Com. 'A'](#)



[Mr. R. Ranjan](#)
[191MT016](#)
[III B.Sc. Mathematics](#)



[Ms. V. Nandhinishree](#)
[191BT031](#)
[III B.Sc. Biotechnology](#)



[Ms. Dheepika S](#)
[191AT014](#)
[III B.Com. A&T](#)

I-Con Club Student Feedback - Video Link



[Ms. Cathrin G](#)
[201PH021](#)
[II B.Sc. Physics](#)



[Ms. K. Kavi Priya](#)
[191BM122](#)
[III B.B.A. CA](#)



[Mr. Deepan](#)
[191CE008](#)
[III B.Sc. Chemistry](#)



[Mr. Naveen M](#)
[191CR133](#)
[III B.Com. CS CA](#)

Fig.7.2.1 I-Can and I-Con Club Students Feedback Videos

BEST PRACTICE- 2

Title of the Practice: Enhancing industry readiness through Skill Enhancement Courses

Objectives of the Practice

The persistent demand for employability skills mandated to offer skill-based courses in thrust areas with an objective to develop work-ready graduates.

Skill enhancement courses are offered to:

- Provide skill components on par with national expectations
- Develop communication and interpersonal skills
- Open up new avenues with MoU partners

- Impart technical and soft skills
- Build the habit of continuously improving skills, competencies and knowledge

The Context

The World Economic Forum recommends that employees will require constant reskilling or upskilling. While some jobs are disappearing, the same technology is transforming and creating new jobs at the same time with a dire need for upgrading skills. In line with Pradhan Mantri Kaushal Vikas Yojana (PMKVY) and emerging skills identified by the World Economic Forum (WEF) adequate measures are taken to impart industry-relevant skill training.

The Practice

The institution offers varied skilling components under different clusters including technical and soft skills. Opportunities are created to enhance skills through various modes, apart from regular academic activities.

TECHNICAL SKILLS

- **Diploma and Post Graduate Diploma Courses** in Hospital Records Management, Logistics Management, Food Safety & Quality Control, Cyber Security, Web Designing, Data Science computer skills, communication, Clinical Laboratory Techniques, Clinical Research and Data Management, Bioinformatics, Hospital Health Care Management are offered at the institution and certified by Bharathiar University
- **Job Oriented Value-Added Courses** are conducted all through the year in various domains. Eighty-Two courses have been offered by industry experts and MoU partners.
- **Dr NGP Vocational Training Centre** approved by the National Council of Vocational and Research Training (NCVRT) offers 18 courses under different sectors such as computer and information technology, computing technologies, data analytics, cookery and confectionery, cutting, tailoring, dressmaking and fashion designing and secretarial practices
- **Online Courses** offered by SWAYAM/ NPTEL/ MOOC/ Spoken Tutorial, Coursera, mandatory for all students
- **ICTACT (ICT Academy)** an initiative of the Government of India in collaboration with the state Governments to enhance job skills offer courses at our institution to suit the needs of industry
- **National Skills Qualification Framework (NSQF)** supports diploma courses in organic farming, property accounting, bakery and confectionary and medical underwriting and summarization
- **Entrepreneurship Cell** invites successful entrepreneurs and industry experts to motivate students and encourage entrepreneurship
- **Institution-Industry Partnership Cell** creates avenues for MoU with industry

SOFT SKILLS

- **Communication** - VERSANT English Test (conducted by Center for Training and Placement), British English Certificate (BEC), helps in effective communication and leadership
- **Communicative English** as a part of the curriculum enlightens LSRW skills of all undergraduate students
- **Language Enrichment** activities like Just a Minute, Role Play, Picture Talk, Creative Writing, Listening Comprehension, Group Discussion, Debates etc. for language competency
- **Quantitative Aptitude** course offered to all second-year students to improve logical and analytical

skills

- **Skill Enhancement Courses (SEC)** provide hands-on-training, competencies, skills, etc.

Evidence of Success

- Total NPTEL Certificates Received: 3783

Topper Certificate: 33

Elite Certificate: 789

Gold Certificate: 21

Silver Certificate: 230

Certificate of Completion: 2710

- The efforts towards upskilling students is evident in Placement Record

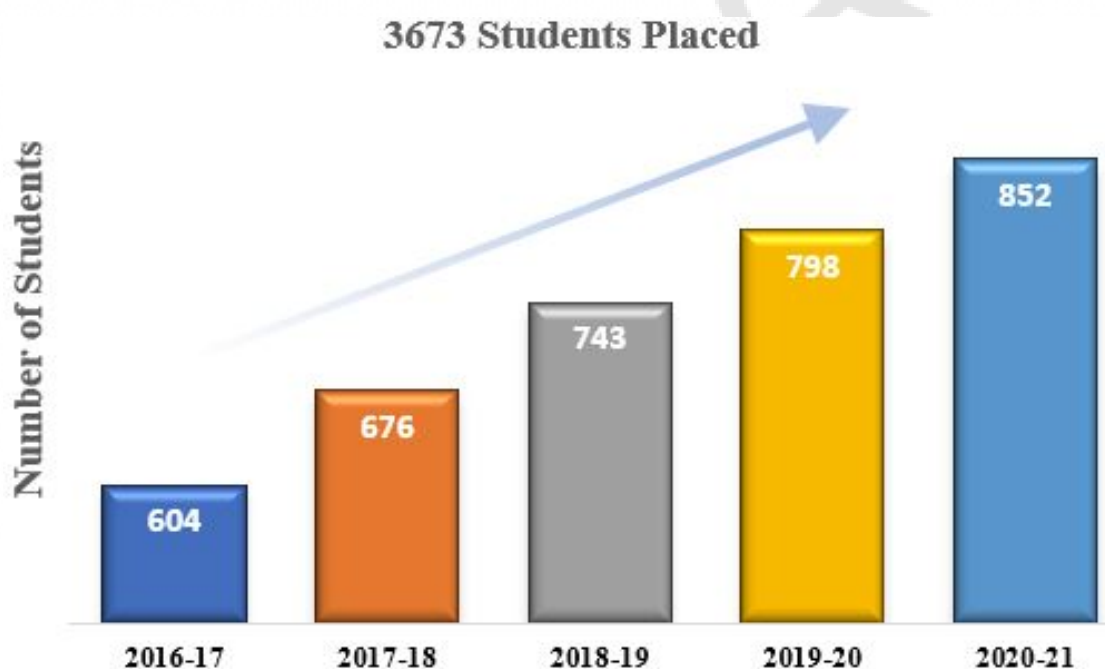


Fig. 7.2.1. Placement Records

Problems Encountered and Resources Required:

- Training the vernacular medium learners to attain expertise in English language is a real challenge
- Balancing curriculum and skill-based courses is challenging to few students
- Student's involvement during pandemic is difficult
- Availability of external experts in imparting skills is limited

Notes (Optional):NIL

VISION

To instil Character in the minds of the students by providing value Based Education to manifest the perfection already in them and to enable them to excel by providing Quality Higher Education and Research opportunities on par with International Standards

KNOWLEDGE	SKILL	VALUES	ATTITUDE
Communicative English	Diploma / PG Diploma	Centre for Value Education	Clubs/Centres/Cells
Communication Oriented Training	Job Oriented Certificate Courses	Ability Enhancement Compulsory Course (AECC)	Department Associations
Language Entertainment	Dr NGP Vocational Training Centre		Extension Activities
Skill Enhancement & Quantitative Aptitude	Digital Courses	Entrepreneurship Cell and Institution Industry Partnership Cell	Educational Visits
	ICTACT		
Skill Enhancement Courses (SEC)	National Skills Qualification Framework		
	Lab on Project (LOP)		

APEX SKILLS OF WORLD ECONOMIC FORUM (WEF)

Analytical Thinking	Innovative Thought	Active Learning	Leadership
Complex Problem Solving	Lateral Thinking	Originality	

OUTCOMES

Students improvement in academic performance for the last 5 years	3673 placement upswing last 5 years																								
<table><tr><td>2016-17</td><td>85.75 %</td><td>2019-20</td><td>92.35 %</td></tr><tr><td>2017-18</td><td>82.94 %</td><td>2020-21</td><td>97.15 %</td></tr><tr><td>2018-19</td><td>86.08 %</td><td></td><td></td></tr></table>	2016-17	85.75 %	2019-20	92.35 %	2017-18	82.94 %	2020-21	97.15 %	2018-19	86.08 %			<table><tr><td>2016-17</td><td>604</td><td>2019-20</td><td>798</td></tr><tr><td>2017-18</td><td>676</td><td>2020-21</td><td>852</td></tr><tr><td>2018-19</td><td>743</td><td></td><td></td></tr></table>	2016-17	604	2019-20	798	2017-18	676	2020-21	852	2018-19	743		
2016-17	85.75 %	2019-20	92.35 %																						
2017-18	82.94 %	2020-21	97.15 %																						
2018-19	86.08 %																								
2016-17	604	2019-20	798																						
2017-18	676	2020-21	852																						
2018-19	743																								
Shoot up of students achievements in inter departmental, intra departmental and inter collegiate events	129 Spin-offs on growth last 5 years																								

Fig.7.2.1. Best Practice- 2: Skill Enhancement Courses

Additional Best Practices followed at Dr. N.G.P. Arts and Science College are detailed below.

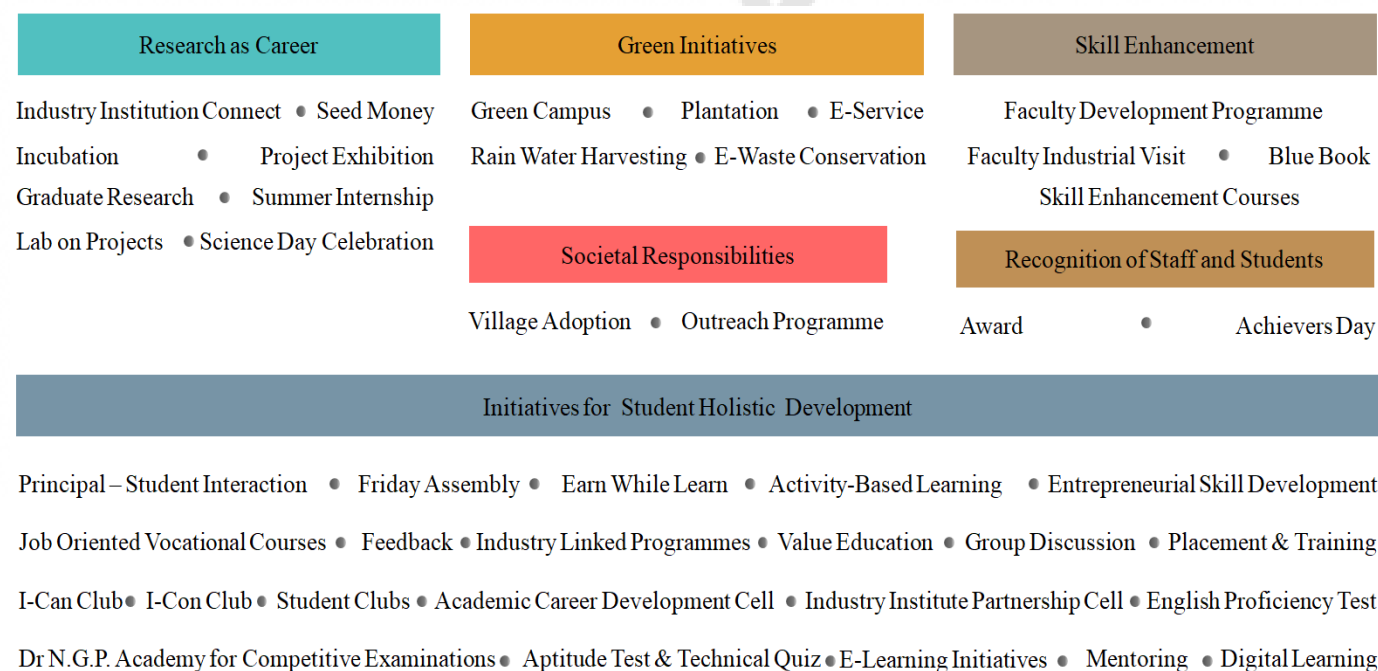


Fig. 7.2.1. 43 Best Practices

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Response: Affirmative

EMPOWER RURAL POPULACE WITH FOCUS ON WOMEN EMPOWERMENT

The institution is committed to providing quality higher education encompassing capacity building for knowledge economy towards progress of rural populace particularly socio-economically disadvantaged groups with special focus on rural women. Rural women are provided with educational opportunities to become economically and socially equal.

Dr. N.G.P. Arts and Science College was established (1997-98) in a rural environment, Kalapatti Village (recently included in Coimbatore corporation limit) with a motto of educating rural community (*The future of India lies in its villages - Mahatma Gandhi*). Majority of the students are from the rural belts of Coimbatore, Erode, Tirupur and Nilgiris Districts and are from socio-economically disadvantaged in terms of education and women empowerment.



Fig.7.3.1 Rural Education and Women Empowerment

RURAL EDUCATION

The faculty takes measures to orient the higher secondary students on the importance of higher education and the opportunities at our institution through various outreach programmes. This has resulted in 41% of

students from rural backgrounds to secure admission during the accreditation period with 17% Scholarship and Fee Concession for economically-backward and wards of ex-servicemen. In addition, 157 Sports Scholarships was awarded for outstanding sports performers.

The rural students enter into a new unfamiliar environment with a little knowledge of college eco-system. Therefore, to welcome new students to Higher Education, introduce them to facilities and resources available within institution, Student Induction Programme (SIP) is conducted. This prepares them for smooth transition.

Students from vernacular medium find it difficult to communicate in English and Bridge Courses are organized by the Department of English for enhancing language competency. The 60/60 club provides training on conversing in English for 60 male and 60 female students. Other clubs like, Youngistan Club, Communication and Media club, Presentation club and Drama club improves communication, creativity and leadership skills. VERSANT Tool facilitates students to understand their level of English proficiency and acquire necessary Training. Students who develop communication skills are encouraged to undertake Business English Certificate (BEC) offered through Center for Language Learning.

Students perform inadequately due to various reasons like average cognitive abilities, language barriers, inability to articulate their understanding of the subject, etc. Different strategies like Personalized counselling, Bilingual teaching, I-Can Club, Peer teaching for curricular transaction is adopted to provide meaningful learning experiences for all levels of learners. Students are supported to take up part-time jobs in sister concerns and other organizations.

Advanced learners are provided with seed money to undertake pilot projects, guidance for higher education and competitive examinations. Value Added Courses are organized to develop soft/technical skills and to make students industry-ready. Awards and Recognitions encourage promising students to perform better in curricular and co-curricular activities.

Placement and Training Cell conducts rigorous activities to develop soft skills in students. Center for Competitive Examinations prepares students to take up state and central public service commission/bank examinations.

WOMEN EMPOWERMENT

The Institution believes that rural upliftment and women empowerment can be achieved through education.

If you educate a man, you educate an individual, but if you educate a woman, you educate an entire family.

There is no denying of the fact that the institution has made a noteworthy progress by empowering rural women by opening up higher education where 51% women students from rural background contribute to the total strength. Scholarship for Women by management and various government schemes encourages women to pursue higher education. Commuting services reach rural villages. Exclusive Hostel Facilities for women enables students from distant rural areas to pursue education. Mentoring and Counseling help students overcome barriers and to stay motivated. Women are educated on their social, legal and economic rights. Anti-Sexual Harassment Cell ensures safe environment for the students. Meritorious Alumni from rural background with a passion for teaching have been given opportunities and 15 faculty recruited out of whom 8 are women.

OUTCOME OF RURAL EDUCATION AND WOMEN EMPOWERMENT

The institution's march towards providing quality higher education to rural students has resulted in the following outcomes:

ACADEMIC OUTCOMES

Details of rural students during the Assessment Period

- Admission of Rural Students - 41% (5152 / 12397 students)
- Admission of Women Students - 54 % (6565 / 12397 students)
- Admission of Rural Women Students - 51% (2631 / 6565 women students)
- Graduation of Rural Students (2016-19,2017-20,2018-21) - 39% (2348/5977) of total graduates (UG), 41% (610/1501) of total graduates (PG)
- Graduation of Rural Women Students - 20% UG (1189/5977), 29% PG (437/1501)
- Participation in National Celebrations
 - Integration Camp
 - International: 1
 - National: 8
 - Republic Day Parade
 - National :4
 - Regional:6
- Drop out : Nil

PLACEMENT AND HIGHER EDUCATION

- Employment of Rural Students - 38% of total placements
- Employment of Rural Women - 14% of total placements
- Rural Entrepreneurs - 5%
- Rural Women Entrepreneurs - 1%
- Progression to Higher Education - 20 % of students

HAPPINESS INDEX

The state of happiness index is obtained from rural alumni through annual survey to understand their personal wellbeing.

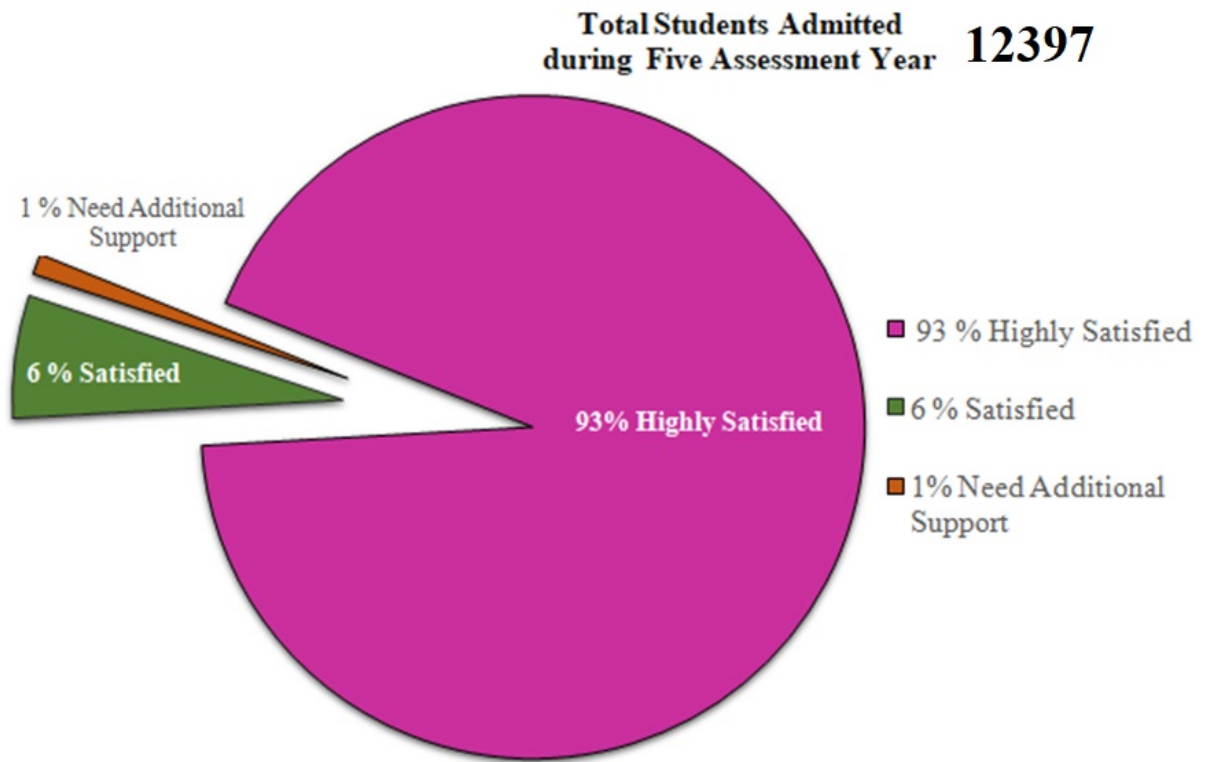


Fig. 7.3.1. Happiness Index

- Alumni Testimonial

SAMPLE TESTIMONIAL

Sample testimonials received from rural alumni:

1/27/22, 9:55 AM

Dr. N.G.P. Arts and Science College Mail - Testimonial



Dr NGP ASC Alumni Association <alumni@drngpasc.ac.in>

Testimonial

1 message

Dhatshayani Ananth <reyshwa@gmail.com>
 To: alumni@drngpasc.ac.in

Thu, Jan 27, 2022 at 9:54 AM

Name : Dhatshayani. A

Batch : 2017-2020

Department : Computer Technology

Testimonial : "As an Associate Analyst at Deloitte India, which is one of the top four consulting firms in the world, I should extend my gratitude to my college and all my inspiring mentors who helped in discovering the talent in me and paved a way to groove myself to a greater extent. During my college days I was introduced to so many BEC courses which helped me especially during my interviews. I participated in more than 100+ intercollegiate events and as a dancer, I was so proud that I got a chance to showcase my talent with vibrant confidence on the stage. I was supported by my mentors not only in academic aspects but also in terms of noncollegiate activities. I solemnly loved my time at Dr.N.G.P. Arts and Science College."

Thank you!



IMG-20220127-WA0007.jpg
 307K

Fig.7.3.1 Sample Testimonial

- Video and audio records

7.3.1 Alumni Videos



Mr. Yogeshwarapradeep M
B.Sc. Physics
Batch: 2016-2019



Ms. C. Sumitha
M.Sc. Microbiology
Batch: 2018-2020



Mr. B. Aswinkumar
M.Sc. (Medical Physics)
Batch: 2019-2021



Ms. Dharani Ramasamy
B. Com CS CA
Batch: 2016-2019



Ms. Akshaya P
B.A. English
Batch :2017-2020



Mr. Naveen S
B.Com CA
Batch: 2017-2020



Ms. B. Sindhuja
M.Sc., Microbiology
Batch: 2016-2018



Mr. Soorya Narayanan S
BBA CA
Batch: 2014-2017



Mr. S. Logesh
BBA CA
Batch: 2018-2021



Ms. Anupriya B
BBA CA
Batch: 2017-2020

OTHER DISTINCTIVE FEATURES

The other important distinctive features of the institution areas given in figure

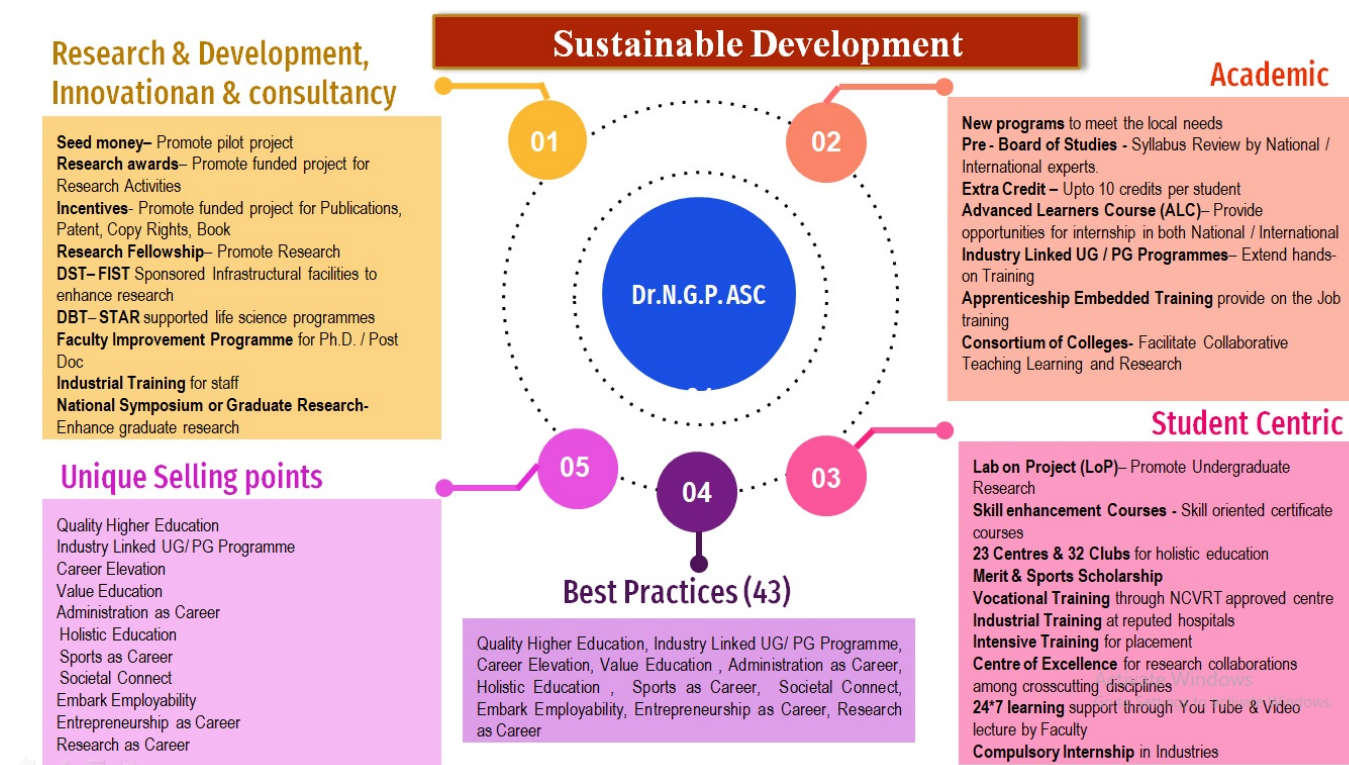


Fig.7.3.1.Other Distinctive Features

File Description	Document
Any other relevant information	View Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

POST ACCREDITATION INITIATIVES AS PER THE PEER TEAM REPORT (PTR) OF SECOND CYCLE

- Choice Based Credit System with Outcome Based Education introduced in Regulation 2 (R2) during academic year 2017-18 and onwards
- Bridge courses designed and implemented to minimize the performance gap of different category of learners.
- Remedial and coaching classes offered through I-Can club with a focus on providing additional inputs for slow learners to bridge learning difficulty
- Students equipped for corporate jobs by providing value added certificate courses, industry training during program, mandatory internships and intensive training for placement
- Value added certificate course on communicative Hindi offered
- Members from industry inducted in Board of Studies
- Research policy introduced to promote research with incentives for research projects, patents, publications and Seed money and Faculty Improvement Programme (to pursue Ph.D./Post Doc.). Enhancement of research facilities augment publications in peer reviewed indexed journals
- Interdisciplinary research undertaken and supported by seed money
- Alumni association registered during the AY 2018-19 and international chapters created. Alumni extend financial support for creation of endowment, placement training and scholarships
- Salary package rationalized to retain qualified faculty

Concluding Remarks :

The vision of the management, dedication and commitment of faculty, and achievements of students have contributed largely to emerge as a premier institution in India. It plays a significant role in transforming students especially those from rural background by inculcating values and competency and empowering women with education and skills.

The institution has consistently set high academic standards by offering an evolving curriculum on par with regional and global industry demands. Outcome Based Education implemented to encourage students to engage deeply in what they learn and be aware of the intended outcomes at the end of their academic experience.

An innovative ecosystem developed in teaching learning fosters experiential and blended learning to enhance opportunities for employability and entrepreneurship. The Centers of Excellence and academic/research centres facilitate research promotion.

Research culture is nurtured from undergraduate level through special initiatives and policies. Faculty research constantly encouraged through incentives, seed money and awards. Industry association through MoUs provide opportunity for intensive training to upskill students.

Faculty are oriented on latest teaching pedagogy, skills in emerging areas, ICT usage and counselling skills.

The advanced teaching tools available in campus facilitate faculty to transfer knowledge, skills, attitude and values to students.

Sports is an integral part of holistic education where talents are identified and special scholarships are provided to deserving students along with adequate sports infrastructure and training.

NGPnnovation encourages creativity, innovation and risk acceptance, identifying business thereby encouraging entrepreneurship and start-ups.

The institution is committed to adopt sustainable practices towards reduce, recycle and reuse waste in campus.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.3.2	<p>Number of value-added courses for imparting transferable and life skills offered during last five years.</p> <p>1.3.2.1. How many new value-added courses are added within the last five years Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>29</td><td>63</td><td>34</td><td>11</td><td>13</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>27</td><td>61</td><td>32</td><td>9</td><td>11</td></tr></table>	2020-21	2019-20	2018-19	2017-18	2016-17	29	63	34	11	13	2020-21	2019-20	2018-19	2017-18	2016-17	27	61	32	9	11
2020-21	2019-20	2018-19	2017-18	2016-17																	
29	63	34	11	13																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
27	61	32	9	11																	
1.3.3	<p>Average Percentage of students enrolled in the courses under 1.3.2 above.</p> <p>1.3.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>4688</td><td>5748</td><td>5258</td><td>3675</td><td>3757</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>637</td><td>1585</td><td>964</td><td>276</td><td>2293</td></tr></table>	2020-21	2019-20	2018-19	2017-18	2016-17	4688	5748	5258	3675	3757	2020-21	2019-20	2018-19	2017-18	2016-17	637	1585	964	276	2293
2020-21	2019-20	2018-19	2017-18	2016-17																	
4688	5748	5258	3675	3757																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
637	1585	964	276	2293																	
2.1.2	<p>Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)</p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>1585</td><td>1465</td><td>1395</td><td>1325</td><td>1285</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	2020-21	2019-20	2018-19	2017-18	2016-17	1585	1465	1395	1325	1285	2020-21	2019-20	2018-19	2017-18	2016-17					
2020-21	2019-20	2018-19	2017-18	2016-17																	
1585	1465	1395	1325	1285																	
2020-21	2019-20	2018-19	2017-18	2016-17																	

1485	1323	1247	1147	1128
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2.4.3 **Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**

2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification : 3818.16

Answer after DVV Verification: 3589.52

3.4.2 **Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years**

3.4.2.1. How many Ph.Ds are registered within last 5 years

Answer before DVV Verification : 234 3.4.2.2. Number of teachers recognized as guides during the last five years

Answer before DVV Verification : 94

Answer after DVV Verification: 88

3.5.1 **Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).**

3.5.1.1. Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3.25	2.25	4.25	4.09	4.00

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
5.03	5.98	13.86	7.41	4.00

3.6.2 **Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years**

3.6.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
57	16	9	14	34

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17

3	10	6	4	2
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4.1.3	<p>Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)</p> <p>4.1.3.1. Number of classrooms and seminar halls with ICT facilities Answer before DVV Verification : 157 Answer after DVV Verification: 156</p>																				
4.2.4	<p>Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year</p> <p>4.2.4.1. Number of teachers and students using library per day over last one year Answer before DVV Verification : 585 Answer after DVV Verification: 503</p> <p>Remark : Input edited referring ledger footfalls uploaded by HEI</p>																				
4.4.1	<p>Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years</p> <p>4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs) Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>85.93</td><td>136.8</td><td>132.7</td><td>139.36</td><td>129.69</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>81.33</td><td>123.27</td><td>122.93</td><td>107.33</td><td>97.52</td></tr></table> <p>Remark : Input edited referring data uploaded by HEI</p>	2020-21	2019-20	2018-19	2017-18	2016-17	85.93	136.8	132.7	139.36	129.69	2020-21	2019-20	2018-19	2017-18	2016-17	81.33	123.27	122.93	107.33	97.52
2020-21	2019-20	2018-19	2017-18	2016-17																	
85.93	136.8	132.7	139.36	129.69																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
81.33	123.27	122.93	107.33	97.52																	
5.3.1	<p>Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.</p> <p>5.3.1.1. Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years. Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>9</td><td>65</td><td>49</td><td>56</td><td>70</td></tr></table>	2020-21	2019-20	2018-19	2017-18	2016-17	9	65	49	56	70										
2020-21	2019-20	2018-19	2017-18	2016-17																	
9	65	49	56	70																	

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
9	64	48	54	68

Remark : Input edited referring e copies of awards and excluding participation certificates

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

5.3.3.1. Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
19	13	21	16	17

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
13	12	21	16	17

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

6.3.4.1. Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
300	339	284	274	223

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
300	339	284	274	221

2.Extended Profile Deviations

Extended Form Deviations					
ID	Extended Questions				
1.1	Number of students year-wise during last five years				
	Answer before DVV Verification:				
	2020-21	2019-20	2018-19	2017-18	2016-17

6995	7009	7010	6452	5676
------	------	------	------	------

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6995	7009	7010	6452	5676

1.2 Number of outgoing / final year students year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2526	2402	2128	1909	1651

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2526	2036	2129	1910	1596

2.1 Number of courses in all programs year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2210	2142	1974	1765	1682

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2210	2142	1905	1765	1682

2.2 Number of full time teachers year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
401	360	335	334	306

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
393	360	335	334	306

3.5 Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1627.63	1880.81	2012.49	1600.13	1428.31

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1164.52	1549.86	1669.67	1289.56	1131.62

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