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|| Jai Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust (R)



Estd: 1986

SJC Institute of Technology

Chickballapur - 562 101, Karnataka

Divine Blessings

Paramapoojya Jagadguru Byravaikya Padmabhushana
Sri Sri Sri Dr. Balagangadharanatha Maha Swamiji



Blessings

Poojya Sri Sri Mangalanatha
Swamiji

Humble and Devout Pranams at
the Lotus feet of His Holiness
Paramapoojya Jagadguru
Sri Sri Sri Dr. Nirmalanandanatha
Maha Swamiji



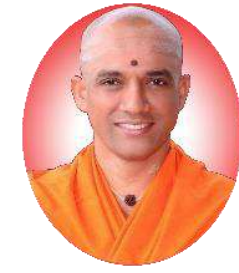
HEARTY WELCOME

25th March 2022

Hon'ble Chairperson and Members of NBA Expert Team



PROMOTERS



Sri Adichunchanagiri Shikshana Trust (R.)

Paramapoojya Jagadguru Byravaikya Padmabhushana Sri Sri Sri
Dr. Balagangadharanatha Maha Swamiji
71st Pontiff, Founder President

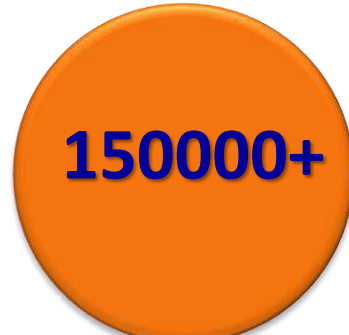
Paramapoojya Jagadguru Sri Sri Sri
Dr. Nirmalanandanatha Maha Swamiji
72nd Pontiff, President



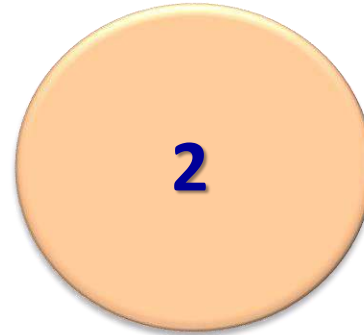
Founded



Institutions



Students



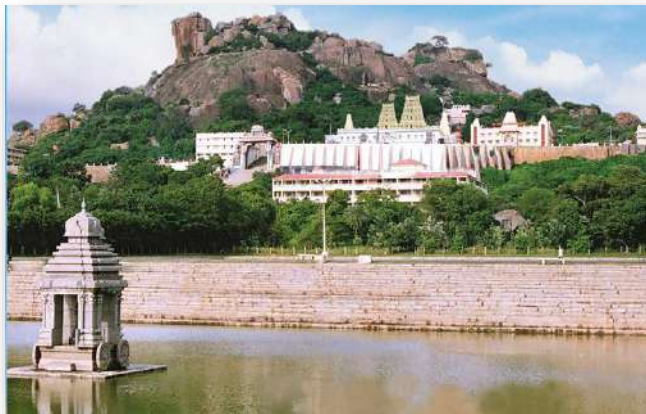
Medical



Engineering



Architecture



Sri Adichunchanagiri Mahasamsthana Math

- History of **2000** years, Blessed by lord **Shiva**, Follows **Natha** tradition with **Guru-Shishya** heritage
- Imparting **Quality Education** from **Primary** to **Professional Courses** with a special focus on young people of **semi-urban** and **rural areas**

SERVING THE SOCIETY with 8 A's

- AKSHARA** - Education
- ANNA** - Food
- AROGYA** - Health
- ARANYA** - Forest
- ASHRAYA** - Shelter
- AKALU** - Cattle
- ANUKAMPA** - Helping Hand
- ADHYATMIKA** - Spirituality

Approval, Affiliation and Accreditations Institutional Rankings



Established in 1986



Approved by AICTE, New Delhi



Affiliated to VTU, Belagavi



NAAC Accredited with B⁺⁺ Grade (2017 – 22)



UG programs – CSE, ECE & ME have been
Accredited by NBA (2018 - 21) and extended up to 30/6/2022
SAR Submitted: ISE, AE, CV

National Education Excellence
Award 2021 - *Most promising and
leading Engineering & Technology
College of the year 2021*,
Karnataka.



GOLD Rating



Band - Promising



4-Star Rating



32nd position among top
Engineering Colleges in India



15th Place among
Engineering Colleges in Karnataka





UG Programs Offered (8)



Computer Science and Engineering

- 1986
- 180

Accredited 2018-22



Civil Engineering

- 1986
- 90

Accreditation Sought



Electronics and Communication Engineering

- 1986
- 180

Accredited 2018-22



Mechanical Engineering

- 1986
- 60

Accredited 2018-22



Information Science and Engineering

- 2000
- 120

Accreditation Sought



Aeronautical Engineering

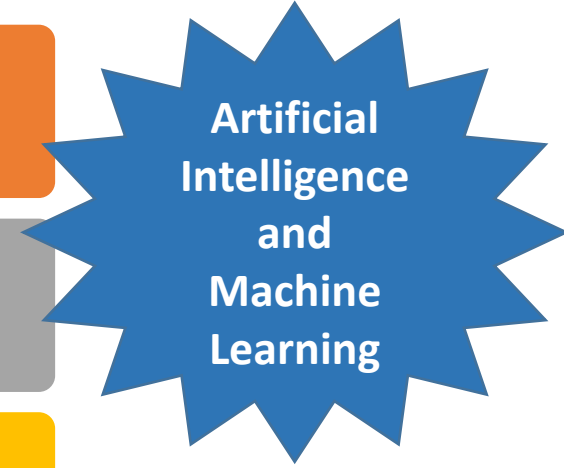
- 2014
- 60

Accreditation Sought



Aerospace Engineering

- 2019
- 60



Artificial Intelligence and Machine Learning

2021-22
60 Intake

Started

*Starting new Courses From AY 2022-23
BE in AI & DS with 60
BE in CSD with 60

*Reduction in Intake From AY 2022-23
BE in ME with 30
BE in CV with 60
BE in AE with 30
BE in AS with 30

* B.E. in **Civil Engineering(Kannada)** with an intake of 30 from 2022



PG Programs Offered and VTU Recognized R&D Centers



PG Programs (6)



Computer Science and Engineering

- 2006
- 18



Digital Communication and Networking

- 2002
- 09



Machine Design

- 2002
- 09



Structural Engineering

- 2010
- 18



Infrastructure Engineering and Management

- 2014
- 18



MBA

- 2000
- 60

R&D Centers (6)



Computer Science and Engineering

- 2010
- 14



Electronics and Communication Engineering

- 2010
- 11



Mechanical Engineering

- 2010
- 15



Civil Engineering

- 2010
- 12



Basic Science – Phy and Chem

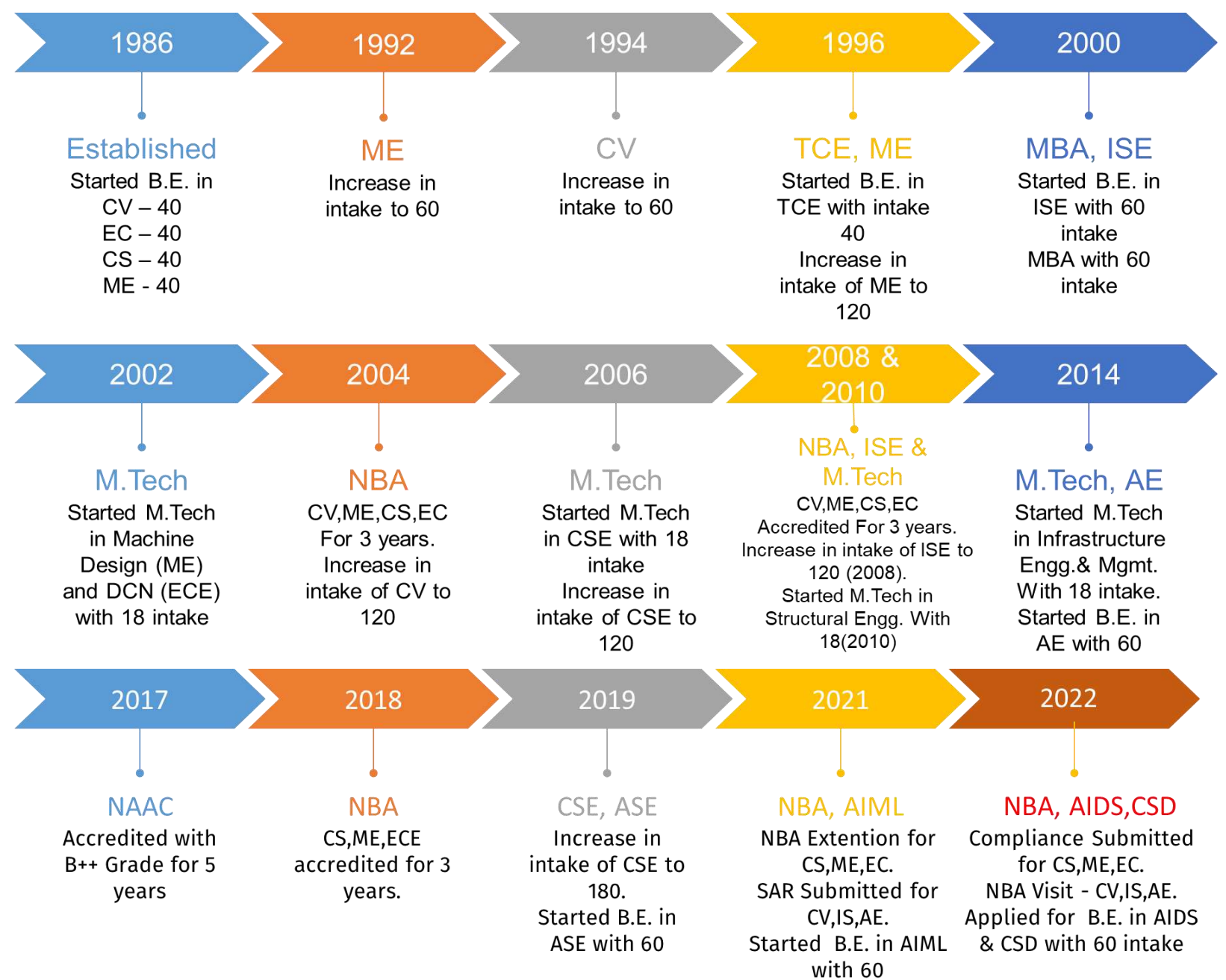
- 2011, 2013
- 11



MBA

- 2012
- 03

Major Milestones



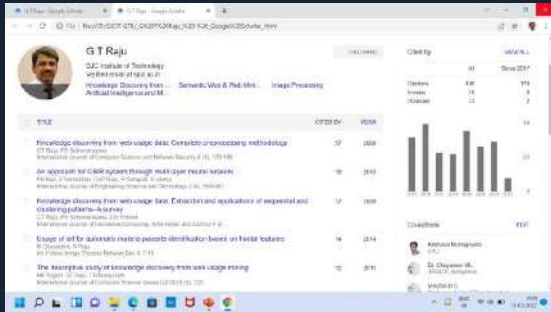
Intake - 160 to **840** **Programs: UG: 4 to 8, PG: 6 R&D: 6**
NBA Accredited Thrice and NAAC Accredited

[Highlights](#)

Leadership



**Dr. G T Raju
Principal**



Education

- B.E., in CSE
✓ 1992, BU, 65%
- M.E., in CSE
✓ 1995, BU, 78%
- PhD in CSE
✓ 2008, VTU

Experience

- Teaching
✓ 29 years
- Research
✓ 16 years
- Industry
✓ 1 ½ years

Professional Experience

- Principal
- Vice Principal
- Dean, HoD, Professor
- VTU Nominee
- BOS/BOE Member
- Invited Speaker
- Subject Expert
- Reviewer, Chairperson
- DCS, LIC, PhD DC

Funded Projects / Books

- 12 Lakhs (PI)
✓ 1995-96, AICTE
- 9 Lakhs (Co-PI)
✓ 2011-12, VTU/AICTE
- 25 Lakhs (Co-PI)
✓ 2017-20, VGST
- 5 Tech. Books

Research Contributions

- Produced 18 PhDs
- Published 125+ Papers
- Guiding 6 Scholars
- 5 Patents

FDPs/Talks/Conferences

- Organized
 - 45+ FDPs
 - 3 International Conferences
- Attended
 - 72 FDPs
 - 45+ Conf
 - 55+ Tech Talks

Projects Guided

- UG – 95+
- PG – 55+
- MS – 2
- MCA – 15
- Mphil - 1

Awards

- Best Teacher Award (2011)
- Rajiv Gandhi Gold Medal (2015)
- Life time Excellence Achievement Award (2021)

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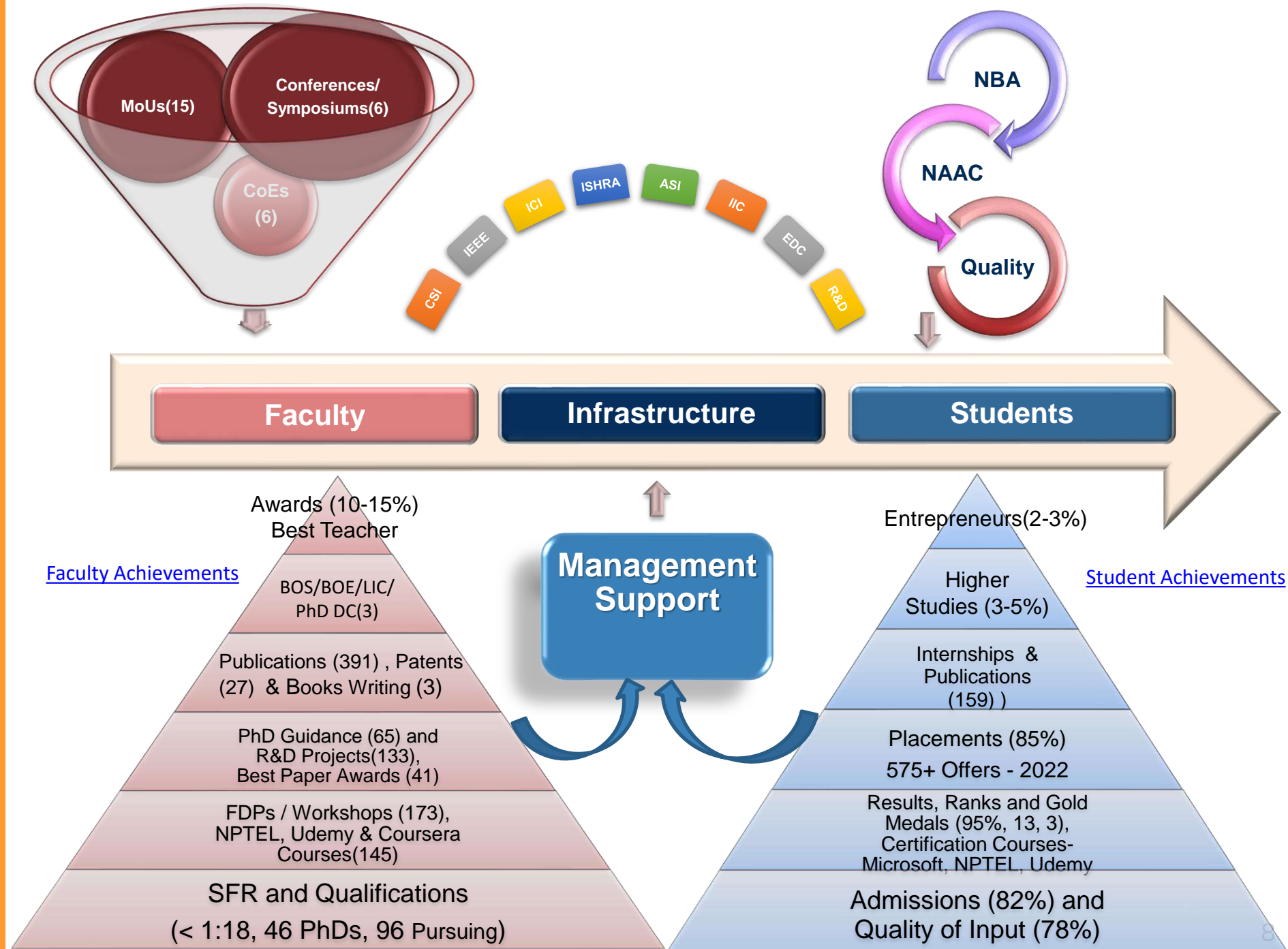
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DBLP: 13

Institution Achievements / Recognitions

“The *reputation* of an *Institution* is decided by its *Faculty* and *students' quality*”



Faculty Centric Policies & Utilization

Faculty Centric Policies & Utilization



- Pursue Higher Studies (100%, 5) , Corporate Training (6) & Research Work with on-duty leave (3)
- Writing Research Proposals
- Take up Consultancy with incentives (50-50%, 37+ Lakhs)

- Tuition fee (100%, 54), Transport fee for the children of our staff (100%, 21)

- Maternity leave(100%, 135, 22)
- Paternity leave(100%, 5, 2)
- Study Leave(100%, 5)
- CL, EL, EOL(100%)
- Medical leave(100%, 20)



Encouragement



Financial Assistance



Fee Concession



Facilities



Leave Provision

- Membership in Professional bodies(9)
- Publishing Papers(2.8 Lakhs)
- Medical Bills Reimbursement(3.6 Lakhs)
- Filing Patents
- Attending/organizing workshops, FDPs, STTPs, Seminars, and Conferences (Regn+Seed Money – 12 Lakhs)
- Subsidized transport facility (100%, 330)
- Gratuity(100%, 24)
- Group Insurance(100%)
- PF(37 LPY)
- Loan – Society (100%, 123)
- Accidental Insurance(3)
- Hostel stay(6)
- ESI (36 Lakhs)

Student Centric Policies & Utilization



01



Recognition

- Top Performers with Gift Vouchers and Cash Awards (5K, 3K, 1K)
- Members of Professional Societies(50%)

02



Financial Assistance

- Industrial trips(20),
- Sports & Cultural Activities (20 Lakhs),
- Fee Concession for needy students
- Publishing research papers (50%)
- Innovative Projects(2 Lakhs)

03



Facilities

- BGS R&D Centre – NAIN and KITS (45 Lakhs)
- MoUs with Industries
- CoEs , Library
- TBI-MSME
- Vidhyapragathi
- Hostels
- Grievance Cell
- NSS, NCC
- Accidental Insurance(13 Lakhs, 10 lakhs)
- Society
- SEED

04



DHI

- Web based Students' Management System (ERP)
- Course Registration
- Attendance & Marks Entry
- OBE Analysis, CIE Process
- Announcement of Results
- Progress Reports
- Feedback and Faculty Appraisal

05



Training & Counseling

- Career Guidance
- Training & Placement (HitBullsEye)
- Self-Study Component
- NPTEL, MOOC (180)
- Internships (100%)
- Start-ups(2)

Quality Assurance Initiative & Impact



Process	Parameter		
IQAC- Academic Audit	<ul style="list-style-type: none"> Teaching and Learning – Lesson Plan, Assignment Questions, Question Bank, Notes/Study Materials, Handouts Academic Performance Research – Publications and Progress Documentation – Personal, Academic and Course Files OBE Process - NBA and NAAC 		
IQAC – Administrative Audit	<ul style="list-style-type: none"> Admission Activity Plan Placement and Higher Studies Internship Records Dept. Activity Plan Institution Council Roles and Responsibilities DAB and PAC committees 	<ul style="list-style-type: none"> FDPs / Conferences Stakeholder feedback MoM of Functional Committees and Action Plan R&D Activities of Department Student Projects 	<ul style="list-style-type: none"> Mentoring Records Stock Book Co-Curricular Activities Visiting/Adjunct faculty Faculty Attendance
IQAC – Industry Institute Interaction	<ul style="list-style-type: none"> MoUs Industry Interactions / Visits 	<ul style="list-style-type: none"> Action Plan 	
IQAC – CIE - Question Paper Quality	<ul style="list-style-type: none"> Question Paper Pattern – Framing of Questions following the Bloom’s taxonomy covering concepts and types with relative marks weightage 	<ul style="list-style-type: none"> Identifying Slow learners and Fast Learners Scope for the critical thinking 	

Impact: Improvement of Quality in respect of Academic and Administrative activities

Quality Assurance Initiative & Impact



Process	Parameter
Research Council - Reviewing the status of PhD scholars	<ul style="list-style-type: none"> • Doctoral Committee Meetings • Problem statement, Objectives, Outcomes, Methodology • Progress • Publications
Research Council - Reviewing the Research contribution of Faculty	<ul style="list-style-type: none"> • Research Pursuing / Guidance • Publications • Funded Projects • Consultancy
IQAC - SWOC Audit	<ul style="list-style-type: none"> • Strengths • Weaknesses • Opportunities • Challenges of Individual, Dept and Institution
IQAC- 360 degree Feedback	<ul style="list-style-type: none"> • Academic • Placements • Infrastructure / Facilities • Support System • Faculty requirements on Knowledge Upgradation
IQAC-Feedback on faculty by Students	<ul style="list-style-type: none"> • Effectiveness of Teaching & Learning • Faculty Competencies
IQAC-Faculty Self Appraisal	<ul style="list-style-type: none"> • Teaching and Learning • Faculty Contributions • Documentation • OBE Process
Accreditation and Institutional Rankings	<ul style="list-style-type: none"> • NBA - SAR • NAAC - AQAR • NIRF - Data • ARIIA - Data

Curriculum & Teaching - Learning Process Implementation



- **BOS of VTU** will prepare the Curriculum Schemes by referring to
 - AICTE/UGC/VTU Guidelines
 - Professional body Guidelines such as IEEE/ ACM
 - Current requirements of the Industry
 - Stake Holders' Inputs
- **Revision of the Curriculum**
 - Industry/Market Requirements
 - Feedback from Stakeholders
 - Once in 3/4 Years
 - Minor Changes In Curriculum
 - Introduction Of New Electives
- **Academic Flexibility**
 - Choice Based Credit System
 - Total Credits
 - ✓ 2018 Batch - 175 (As per AICTE Guidelines)
 - ✓ Courses offered with 1/2/3/4 credits
 - ✓ Additional credits can be earned from add-on courses
 - ✓ Provision for transfer of credits when the students migrate
 - Lateral mobility only at the beginning of the third semester
 - Vertical mobility within the programmes

2018 Scheme Course Components	Curriculum Content (%)	Total number of Credits
Basic Science	15	25
Engineering Science	12	23
Humanities	03	6
Program Core	48	83
Program Electives	09	15
Open Electives	02	3
Project(s)	08	13
Internship/Seminars	02	2
Others (NPTEL/MOOC Elective)	01	5
Total	100	175

2021 Scheme Course Components

- NEP
- Ability Enhancement Courses
- Integrated Courses
- **160 credits**

Innovative delivery methods adopted to achieve the Learning Outcomes



Lectures Interspersed with Discussions



Course Projects/Mini Projects



Tutorials



Main Project



Industrial/Site Visits



Programming Assignments



Seminars



Debates



Written Assignments



Hands On Sessions



Self Study/Internship



Workshops/Invited Talks/Webinars



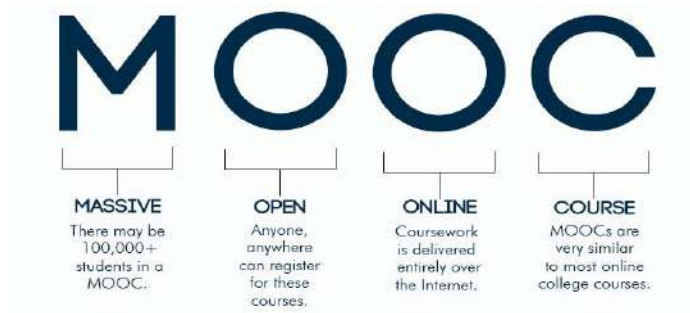
Case Study



Flipped Classroom



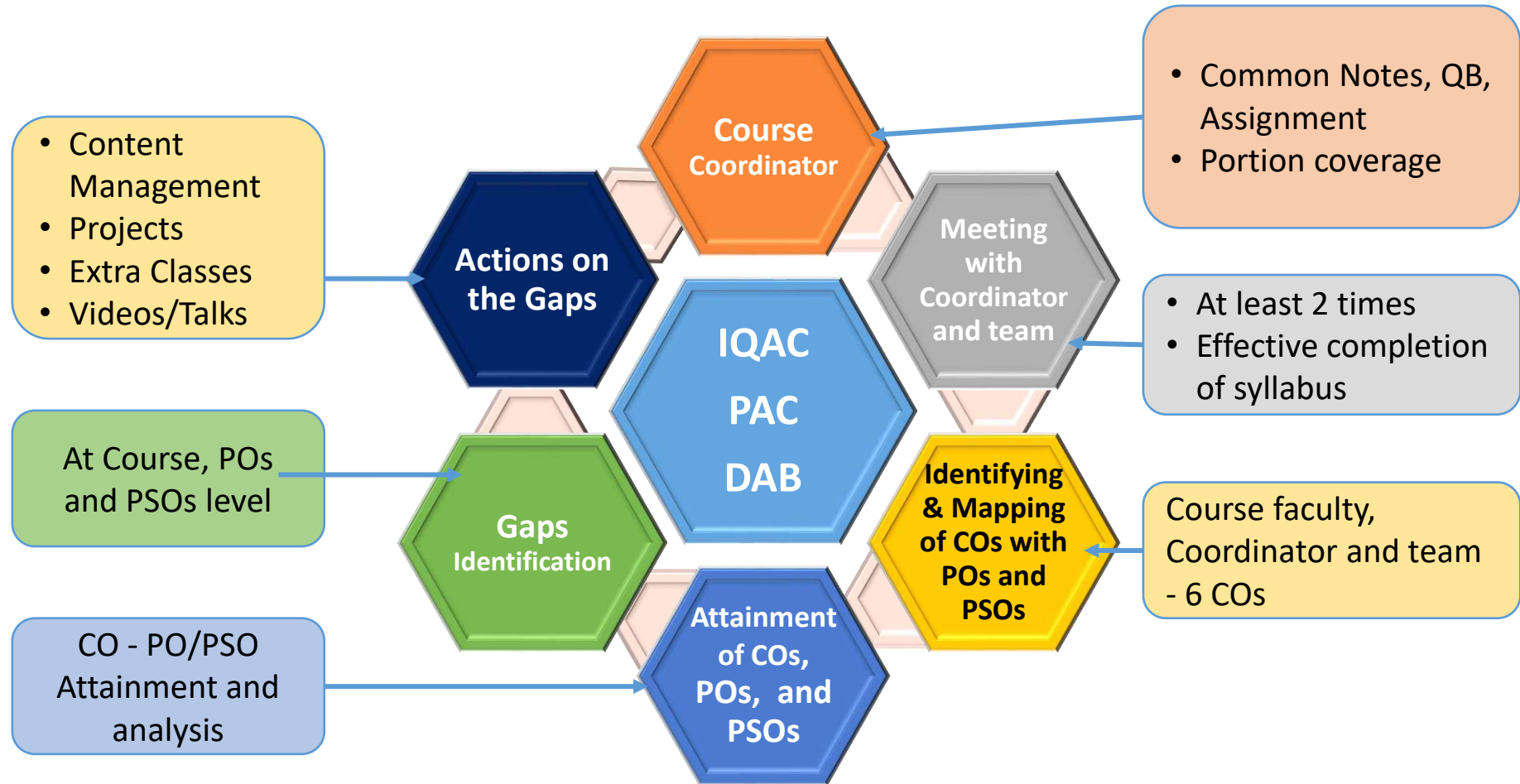
- Think-pair-share
- Prathiboditham
- Prathidwani
- Teach back
- Group discussion
- Context based learning



- Students are encouraged to register courses offered by NPTEL/ UDEMY/ COURSERA / EdX/ Microsoft/ etc.



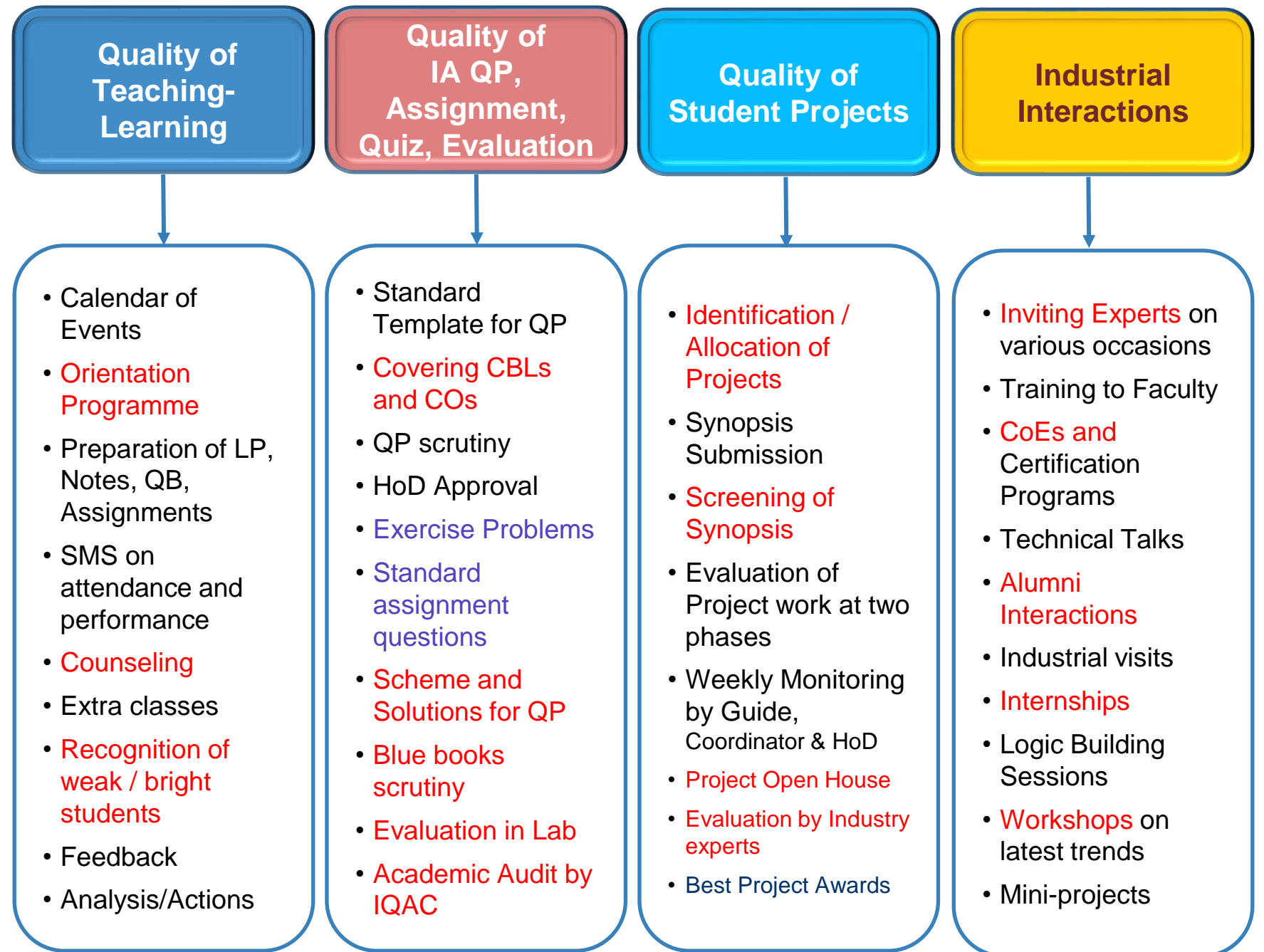
Compliance of the University Curriculum with POs and PSOs



Compliance of the University Curriculum with POs and PSOs



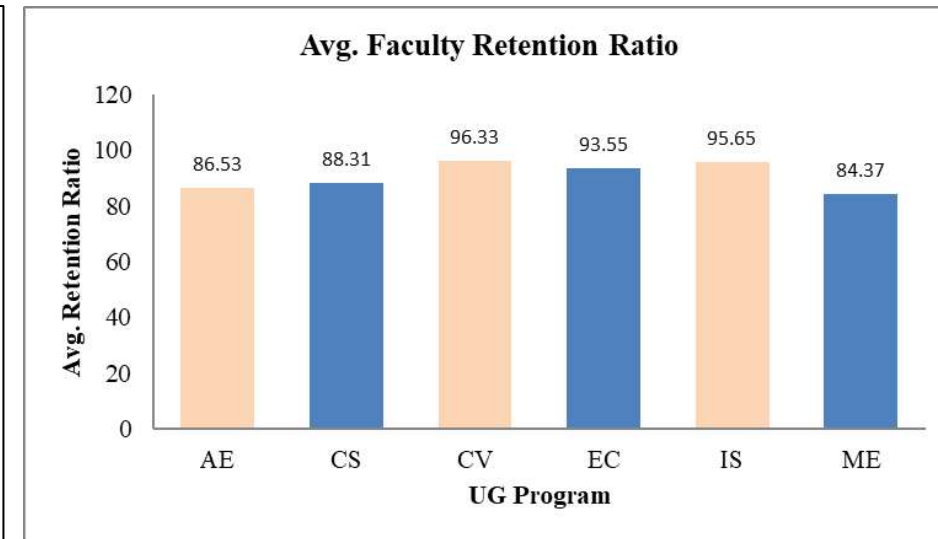
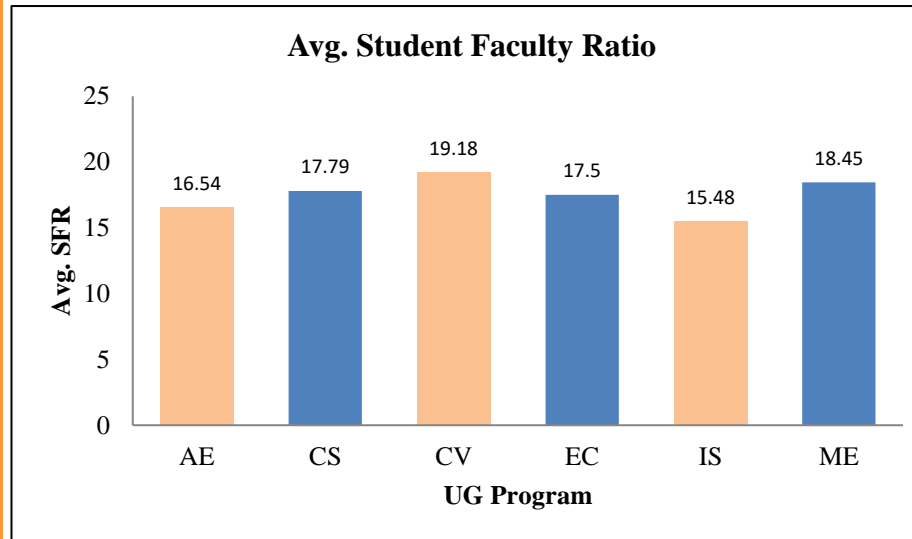
Quality of Teaching-Learning Process



FACULTY INFORMATION & CONTRIBUTION POINTS

UG Programs	CAY (2021-22)				CAYm1 (2020-21)				CAYm2 (2019-20)				CAYm3 (2018-19)				AVG SFR	AVG Faculty Retention Ratio
	P	AP	AS	TOTAL	P	AP	AS	TOTAL	P	AP	AS	TOTAL	P	AP	AS	TOTAL		
AE	1	2	8	11	2	1	10	13	2	1	11	14	0	1	12	13	16.54	86.53
CS	4	4	28	36	1	4	21	26	1	5	21	27	1	5	23	29	17.79	88.31
CV	2	3	23	28	2	3	23	28	2	3	24	29	3	3	24	30	19.18	96.33
EC	4	3	26	33	3	2	25	30	4	2	25	31	4	1	21	26	17.5	93.55
IS	2	1	21	24	0	1	21	22	0	1	22	23	0	0	23	23	15.48	95.65
ME	3	6	12	21	3	6	14	23	6	6	15	27	6	6	15	27	18.45	84.37
																	17.49	90.79

Institute Level Avg. SFR & Retention Ratio



Avg. SFR : 17.49

Avg. Retention Ratio : 90.79

Faculty details

Technical Support Staff



FACULTY INFORMATION & CONTRIBUTION POINTS



B.E Civil Engineering	
Number of Faculty	29
SFR (Past 3 Years)	19.18
Cadre Ratio	2 (Prof) : 0 (Assoc) : 27(Asst)
Cadre Ratio Marks	22
Faculty with Ph.D	03
Faculty with M.Tech	26
Faculty Qualification- Avg. Assessment (Past 3 Years)	12.03
Faculty Retention (Past 3 Years)	25
Faculty participation in FDPs/Training Pgms (Avg. Assessment Over 3 Years)	15
Number of Journal Publications – WoS/Scopus (Past 3 Years)	19
Number of Conference Publications- WoS/Scopus (Past 3 Years)	19
Number of Patents Published/Filed (Past 3 Years)	01
Number of Books/Book Chapters Published (Past 3 Years)	-
Sponsored Research Funding (Past 3 Years)-	5.70 Lakhs
Consultancy	9.7 Lakhs
Functional MoUs	10

FACULTY INFORMATION & CONTRIBUTION POINTS



B.E - Information Science and Engineering	
Number of Faculty	23
SFR (Past 3 Years)	15.48
Cadre Ratio	0 (Prof) : 1 (Assoc) : 22 (Asst)
Cadre Ratio Marks	10.4
Faculty with Ph.D	2
Faculty with M.Tech	21
Faculty Qualification- Avg. Assessment (Past 3 Years)	13.33
Faculty Retention (Past 3 Years)	25
Faculty participation in FDPs/Training Pgms (Avg. Assessment Over 3 Years)	14
Number of Journal Publications – WoS/Scopus (Past 3 Years)	41
Number of Conference Publications- WoS/Scopus (Past 3 Years)	10
Number of Patents Published/Filed (Past 3 Years)	04
Number of Books/Book Chapters Published (Past 3 Years)	01
Sponsored Research Funding (Past 3 Years)	4.8 Lakhs
Consultancy	-
Functional MoUs	05

FACULTY INFORMATION & CONTRIBUTION POINTS



B.E - Aeronautical Engineering	
Number of Faculty	13
SFR (Past 3 Years)	16.54
Cadre Ratio	2(Prof) : 1(Assoc) : 10(Asst)
Cadre Ratio Marks	25
Faculty with Ph.D	3
Faculty with M.Tech	10
Faculty Qualification- Avg. Assessment (Past 3 Years)	19.07
Faculty Retention (Past 3 Years)	92.3
Faculty participation in FDPs/Training Pgms (Avg. Assessment Over 3 Years)	15
Number of Journal Publications – WoS/Scopus (Past 3 Years)	18
Number of Patents Published/Filed (Past 3 Years)	03
Number of Conference Publications- WoS/Scopus (Past 3 Years)	11
Number of Books/Book Chapters Published (Past 3 Years)	02
Sponsored Research Funding (Past 3 Years)	2.65 Lakhs
Consultancy	15,000
Functional MoUs	02

**Summary of FDPs / STTPs / Workshops / Webinars Organized
During academic years 2018-19 to 2020-21**

Sl. No.	Departments	FDPs / Workshops	#Webinars	#Seminars	#STTPs	TOTAL
1	AE	01	11	00	00	12
2	ASE	01	08	02	00	11
3	Civil	01	17	26	01	45
4	CSE	07	02	03	00	12
5	MED	03	06	05	01	15
6	ECE	13	24	02	00	39
7	ISE	10	16	00	00	26
8	Phy, Chem Maths	00	13	00	00	13
TOTAL		36	97	38	02	173

**Number of Patents [Applied / Granted] by various
Undergraduate in last 4 years**

Academic Year	CE	ME	CSE	ISE	E&C	AE
2018-19	1	1	0	0	0	0
2019-20	0	0	0	1	6	0
2020-21	0	1	4	5	3	3
2021-22	0	0	2	0	1	0
	1	2	6	6	10	3

28 Patents

**FDPs / STTPs
/ Workshops
Organized**

**Patents
Filed/Published**

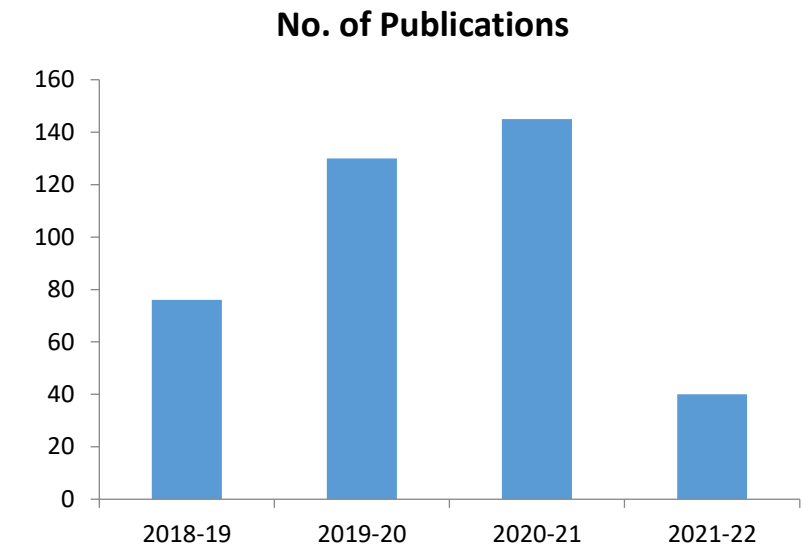


Research Paper Publications, Projects and Grants



Technical Paper Publication by various Undergraduate Programs

Academic Year	CE	ME	CSE	ISE	E&C	AE	AS	Science	Total
2018-19	24	7	18	4	23	0	0	0	76
2019-20	12	10	39	22	20	3	4	20	130
2020-21	22	12	33	14	23	16	6	19	145
2021-22	2	2	0	4	26	0	6	0	40
	60	31	90	44	92	19	16	39	391

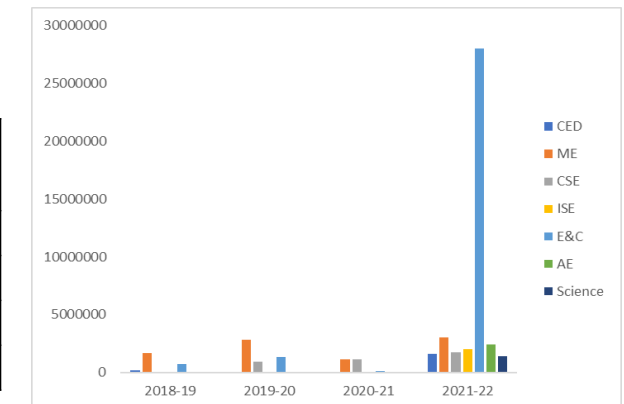


Research Projects executed by various Undergraduate Programs

Academic Year	CE	ME	CSE	ISE	E&C	AE	AS	Science	Total
2018-19	2	1	0	0	2	2	0	0	07
2019-20	5	7	4	2	10	1	0	0	29
2020-21	3	8	11	2	4	2	0	0	30
2021-22	17	2	35	1	9	2	0	1	67
	27	18	50	5	25	7	0	1	133

Research Projects Grants Received/Submitted by various Undergraduate Programs

Academic Year	CED	ME	CSE	ISE	E&C	AE	Science	Total in Lakhs
2018-19	188000	1667000	0	0	682500	10000	0	25.47
2019-20	22500	2825634	922513	10000	1303000	5000	0	50.88
2020-21	19000	1138050	1093890	10000	95000	10000	0	23.65
2021-22	1587000	3000000	1725000	2000000	28000000	2400000	1400000	401.1



STUDENTS' PERFORMANCE POINTS

Student Strength



Sl. No.	BRANCH	I	II	III	IV	Total
1	Civil Engineering	29	59	84	126	298
2	Mechanical Engineering	11	43	97	117	268
3	Electronics & Communication Engineering	177	184	190	196	747
4	Computer Science & Engineering	188	195	191	142	716
5	Information Science & Engineering	126	122	123	120	491
6	Artificial Intelligence & Machine Learning	62	0	0	0	62
7	Aeronautical Engineering	26	46	46	61	179
8	Aerospace Engineering	32	20	26	0	78
9	Master of Business Administration	60	56	0	0	116
10	M.Tech (DCN)	0	2	0	0	2
11	M.Tech (SCS)	0	3	0	0	3
12	M.Tech (MD)	4	3	0	0	7
13	M.Tech (IEM)	2	5	0	0	7
14	M.Tech (SE)	3	9	0	0	12
	TOTAL	720	747	757	762	2986
	GRAND TOTAL	1747 (Boys) + 1239 (Girls)				2986

STUDENTS' PERFORMANCE POINTS

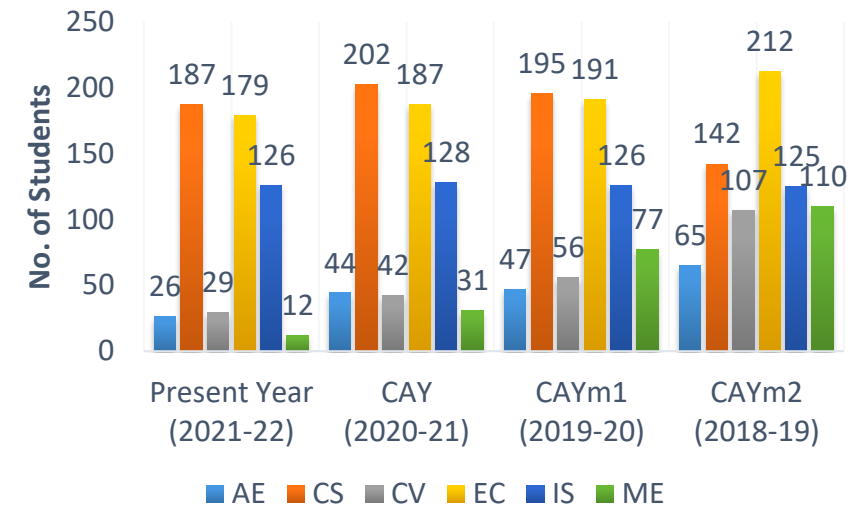
Admission and Enrollment Ratio



Number of Students admitted in the Program

UG Programs	Present Year (2021-22)	CAY (2020-21)	CAYm1 (2019-20)	CAYm2 (2018-19)
AE	26	44	47	65
CS	187	202	195	142
CV	29	42	56	107
EC	179	187	191	212
IS	126	128	126	125
ME	12	31	77	110

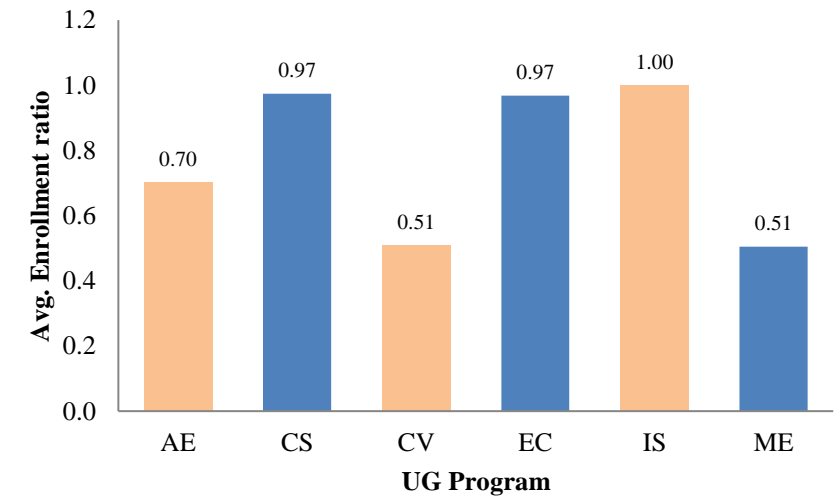
No. of Students admitted in the Program



Enrollment Ratio

UG Programs	Present Year (2021-22)	CAY (2020-21)	CAYm1 (2019-20)	CAYm2 (2018-19)	Average
AE	0.43	0.68	0.70	1.00	0.70
CS	0.99	0.97	0.94	0.99	0.97
CV	0.32	0.35	0.47	0.89	0.51
EC	0.94	0.94	0.98	1.00	0.97
IS	1.00	1.00	1.00	1.00	1.00
ME	0.20	0.26	0.64	0.92	0.51

Avg. Enrollment Ratio



Average : **77.67 %** from last **four** years

STUDENTS' PERFORMANCE POINTS

Success Rate with/without backlogs in stipulated period of Study

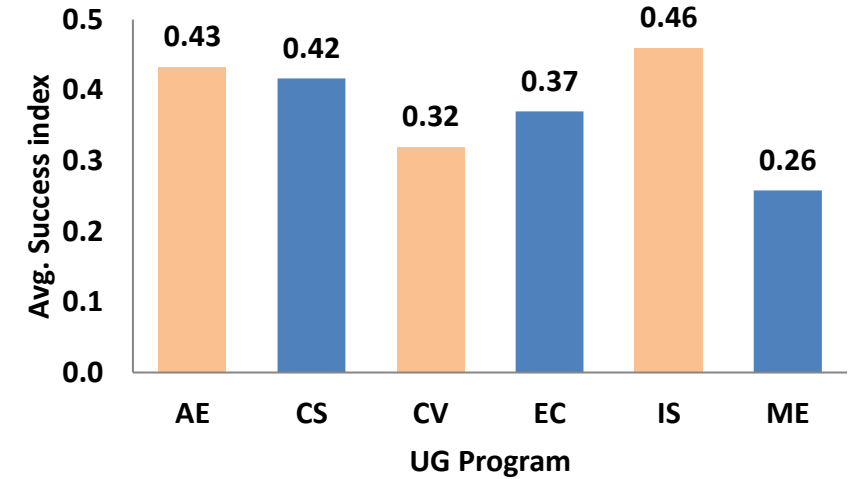


Without Backlogs

UG Programs	LYG (2020-21)	LYGm1 (2019-20)	LYGm2 (2018-19)	Average
AE	0.57	0.35	0.38	0.43
CS	0.38	0.41	0.46	0.42
CV	0.29	0.33	0.34	0.32
EC	0.45	0.36	0.30	0.37
IS	0.52	0.38	0.48	0.46
ME	0.31	0.29	0.18	0.26

Average : **0.38** (38 % from last three years)

Success rate without backlog in stipulated period of study

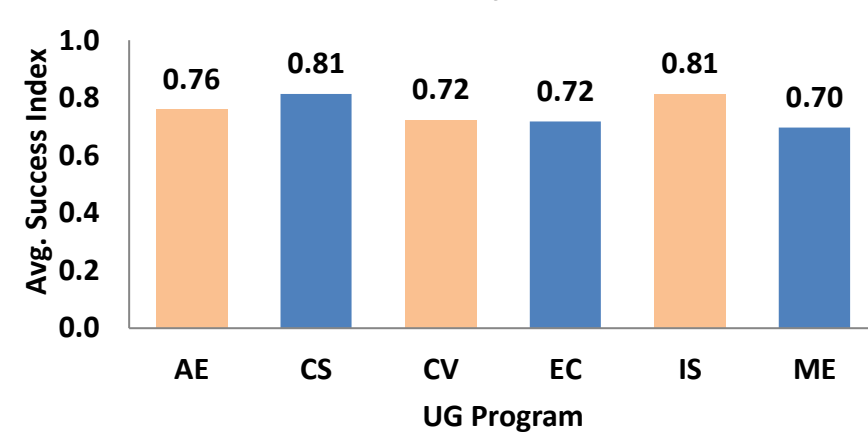


With Backlogs

UG Programs	LYG (2020-21)	LYGm1 (2019-20)	LYGm2 (2018-19)	Average
AE	0.79	0.73	0.76	0.76
CS	0.86	0.84	0.74	0.81
CV	0.82	0.69	0.66	0.72
EC	0.73	0.76	0.66	0.72
IS	0.83	0.75	0.84	0.81
ME	0.71	0.69	0.69	0.70

Average : **0.75** (75 % from last three years)

Success rate with backlog in stipulated period of study



STUDENTS' PERFORMANCE POINTS

Academic Performance in Third, Second and First Year



Academic Performance in Third Year of Students

UG Programs	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)	CAYm3 (2017-18)	Average
AE	7.36	5.76	6.56	6.09	6.44
CS	6.84	7.1	7.1	6.83	6.97
CV	7.36	7.69	6.57	7.35	7.24
EC	7.59	7.89	6.895	6.86	7.31
IS	7.03	6.71	6.20	6.36	6.58
ME	6.65	7.31	6.27	6.27	6.62

6.91

Academic Performance in Second Year of Students

UG Programs	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)	CAYm4 (2017-18)	Average
AE	6.34	5.46	5.12	6.53	5.86
CS	7.06	7.05	7.05	6.72	6.97
CV	6.12	6.84	5.56	5.52	6.01
EC	7	6.37	4.87	5.038	5.82
IS	8.64	8.96	6.89	6.6	7.77
ME	5.84	6.43	4.69	5.56	5.63

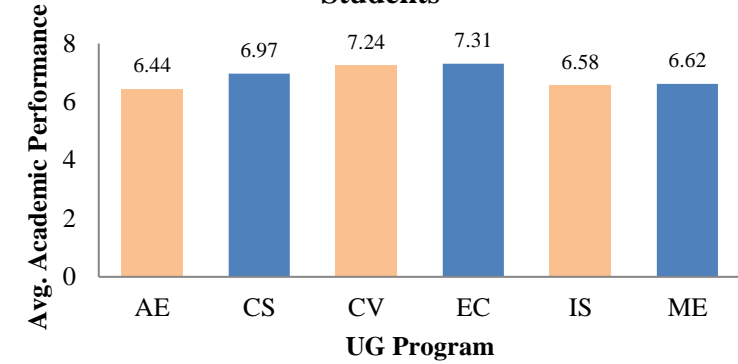
6.38

Academic Performance in First Year of Students

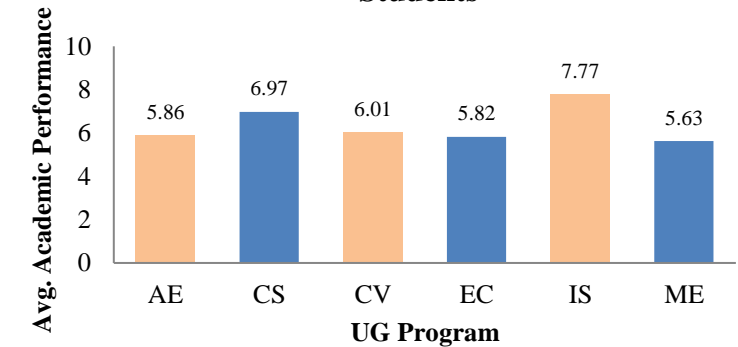
UG Programs	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)	CAYm4 (2017-18)	Average
AE	7.34	5.89	5.89	6.3	6.36
CS	7.68	7.42	7.42	6.73	7.31
CV	5.87	5.58	5.08	6.12	5.66
EC	6.78	6.854	6.14	6.52	6.57
IS	7.83	7.57	6.7	6.46	7.14
ME	6.40	5.75	4.47	6.19	5.70

6.44

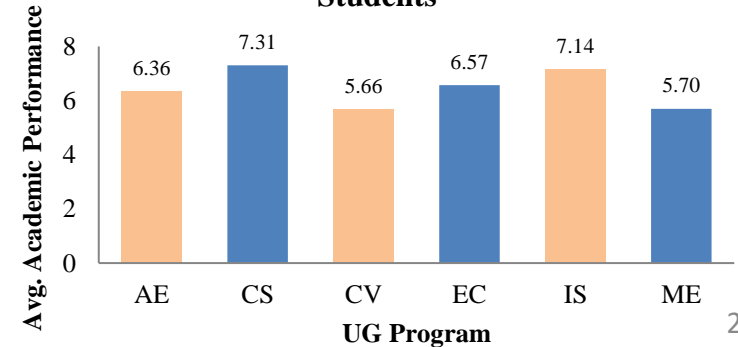
Academic Performance in Third Year of Students



Academic Performance in Second Year of Students



Academic Performance in First Year of Students



STUDENTS' PERFORMANCE POINTS

Placement Index

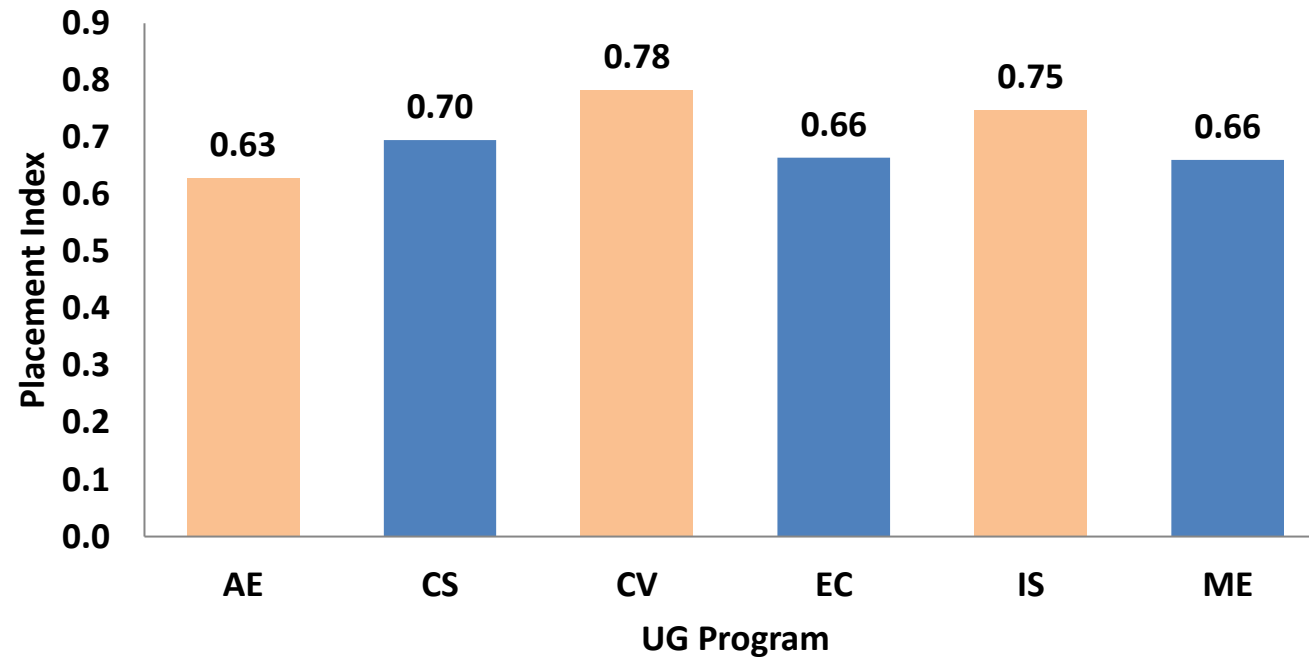


Placement Index

UG Programs	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)	CAYm4 (2017-18)	Average
AE	0.69	0.55	0.59	0.68	0.63
CS	0.70	0.68	0.68	0.72	0.70
CV	0.6	0.82	0.85	0.86	0.78
EC	0.72	0.59	0.65	0.71	0.66
IS	0.69	0.90	0.70	0.70	0.75
ME	0.62	0.69	0.63	0.70	0.66

0.70

Placement Index



[Placement Details](#)

STUDENTS' PERFORMANCE POINTS



B.E – Civil Engineering				
Enrollment Ratio	56.95			
Success Index (Without Backlog)	0.32, 09 Marks			
Success Index (With Backlog)	10.45			
Performance in 2 nd and 3 rd Year - Average API	8.96 and 10.8			
Number of Students Placed in Companies	15 (2021-22)	56(2020-21)	79 (2019-20)	84(2018-19)
Number of Students admitted to Higher studies	04(2020-21)	07 (2019-20)	08 (2018-19)	
Number of Students turned Entrepreneurs	05			
Assessment Points for placement	33.73			
Professional Societies	<ul style="list-style-type: none"> • 03 • IGBC • ACCI • ICI 			
Number of Training/Guest Lectures Organized (Past 3 Years)	25			
Number of Awards Won (National /International)	26			
Number of UG students publications - WoS/Scopus (Past 3 Years)	38			

STUDENTS' PERFORMANCE POINTS



B.E - Information Science and Engineering				
Enrollment Ratio	1.0			
Success Index (Without Backlog)	0.39, 9.75 Marks			
Success Index (With Backlog)	0.74, 11.05 Marks			
Performance in 2 nd and 3 rd Year-Average API	7.52 and 6.83			
Number of students Placed in Companies	102 (2021-22)	72(2020-21)	69(2019-20)	47(2018-19)
Number of students admitted to Higher studies	04 (2020-21)	06 (2019-20)	05(2018-19)	
Number of Students turned Entrepreneurs	01			
Assessment Points for Placement	0.73			
Professional Societies	<ul style="list-style-type: none"> • 01 • CSI 			
Number of Training/Guest Lectures Organized (Past 3 Years)	22			
Number Awards Won (National /International)	10			
Number of UG students publications - WoS/Scopus (Past 3 Years)	17			

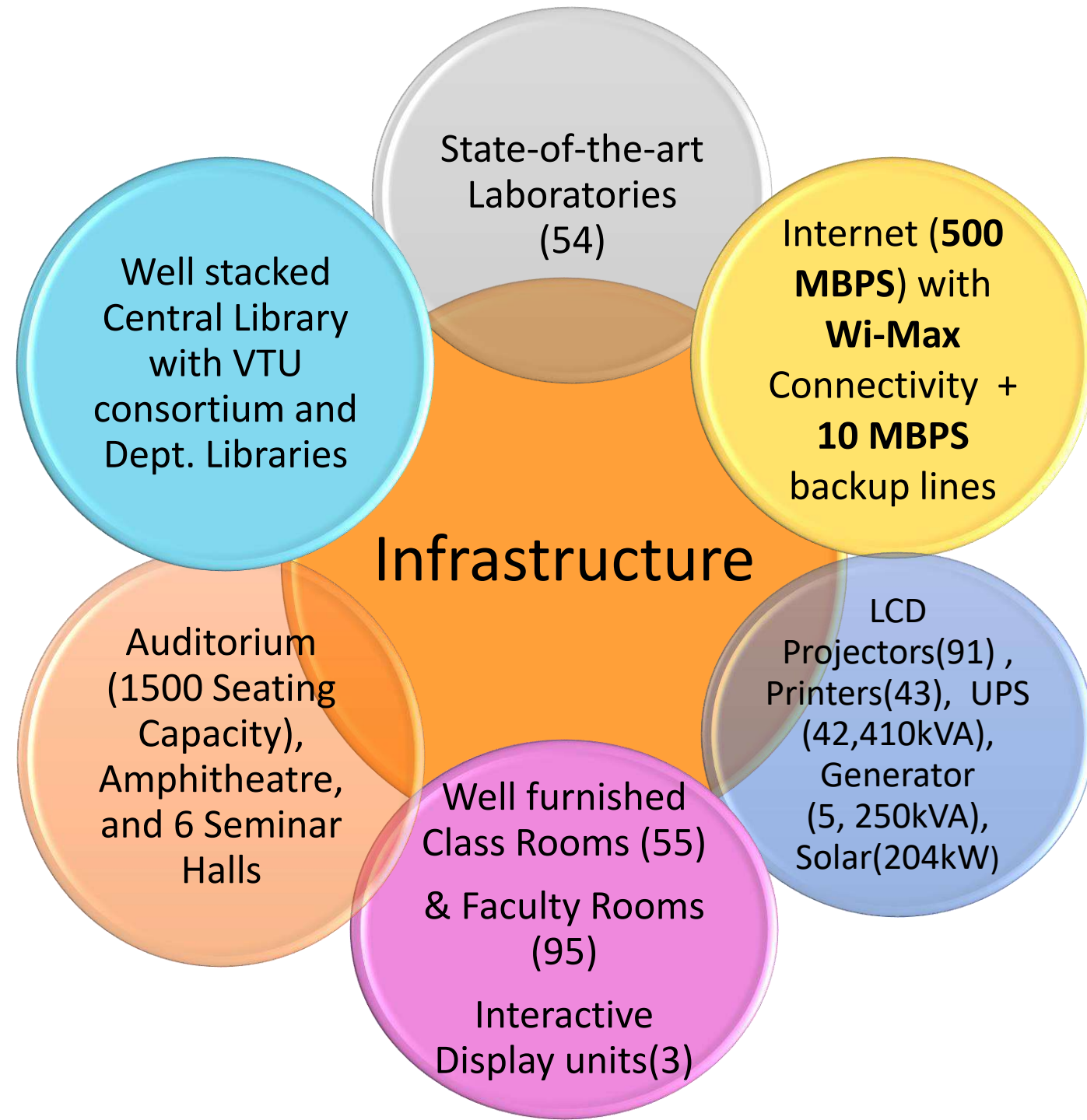
STUDENTS' PERFORMANCE POINTS



B.E – Aeronautical Engineering				
Enrollment Ratio	0.84			
Success Index (Without Backlog)	0.36, 09 Marks			
Success Index (With Backlog)	0.76, 11.40 Marks			
Performance in 2 nd and 3 rd Year -Average API	6.35 and 6.52			
Number of Students Placed in Companies	08(2021-22)	28(2020-21)	22(2019-20)	27(2018-19)
Number of Students admitted to Higher studies	04(2020-21)	03(2019-20)	06 (2018-19)	07(2017-18)
Number of Students turned Entrepreneurs	03			
Assessment Points for Placement	24.26			
Professional Societies	<ul style="list-style-type: none"> • 01 • AESI 			
Number of Training/Guest Lectures Organized (Past 3 Years)	11			
Number Awards Won (National /International)	06			
Number of UG students publications - WoS/Scopus (Past 3 Years)	16			

Facilities

Infrastructure



Facilities & Technical Support



GOVERNANCE

Governing Council



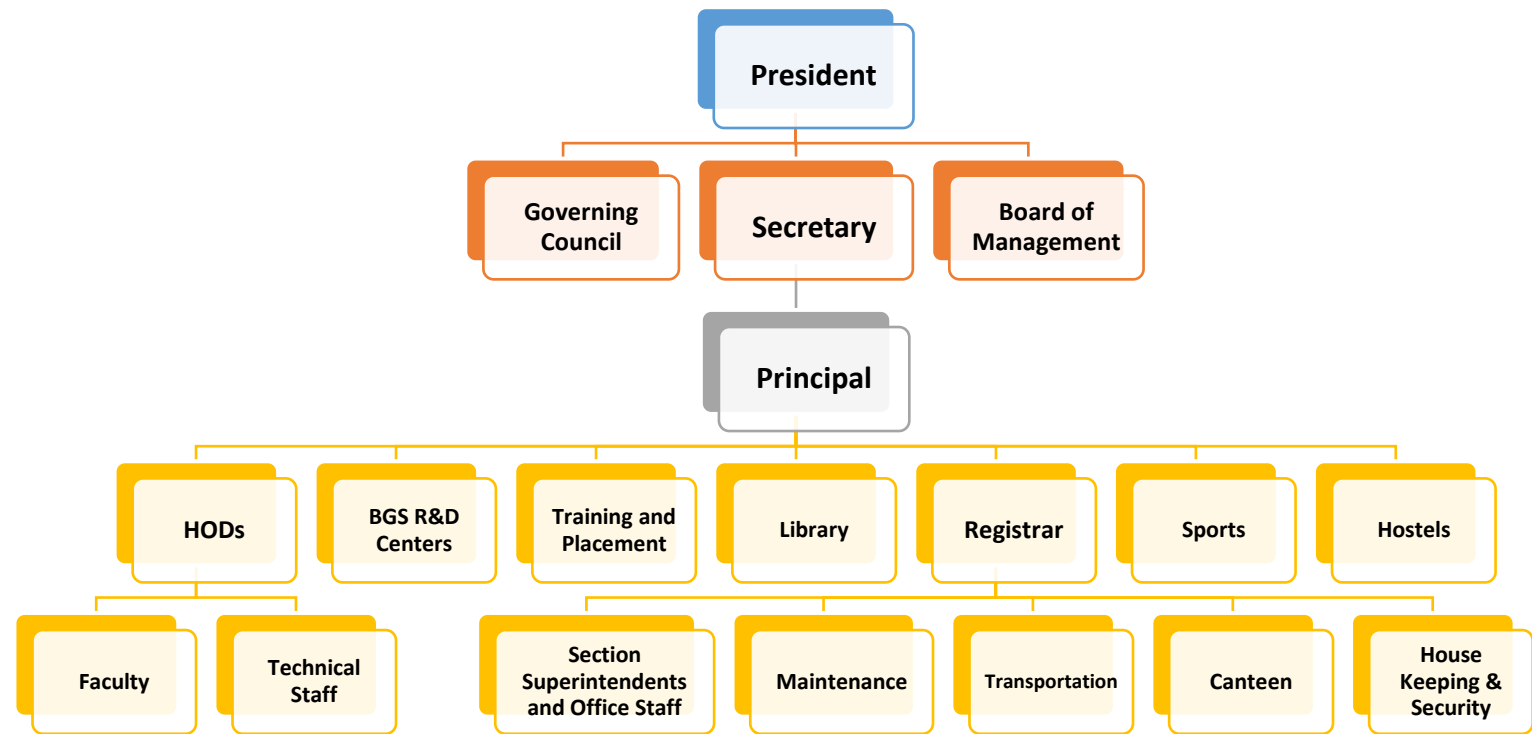
Governing Council Members

Sl. No.	Name	Designation	Status
1	Sri Sri Sri Dr. Nirmalanandanatha Maha Swamiji	President, Sri Adichunchanagiri Shikshana Trust ®	Chairman
2	Dr. K P Srinivas Murthy	Doctor	Member
3	Sri K Govindraaj	Hon'ble Member of Legislative Council, Govt. of Karnataka	Member
4	Sri Anil G V	Industrialist	Member
5	Sri P R Srinivas	Industrialist	Government Nominee
6	COL Dr. B S Dhaliwal	Director(Academic), Guru Nanak Group of Institutions, Bidar	VC Nominee
7	DTE Bengaluru	DTE	Government Nominee
8	Regional Director, AICTE	Regional Director, AICTE	AICTE Nominee
9	Prof. P K Maha Pathra	Professor	AICTE Nominee
10	Dr. G T Raju	Principal	Member Secretary

[Administration and Functional Committees](#)

GOVERNANCE

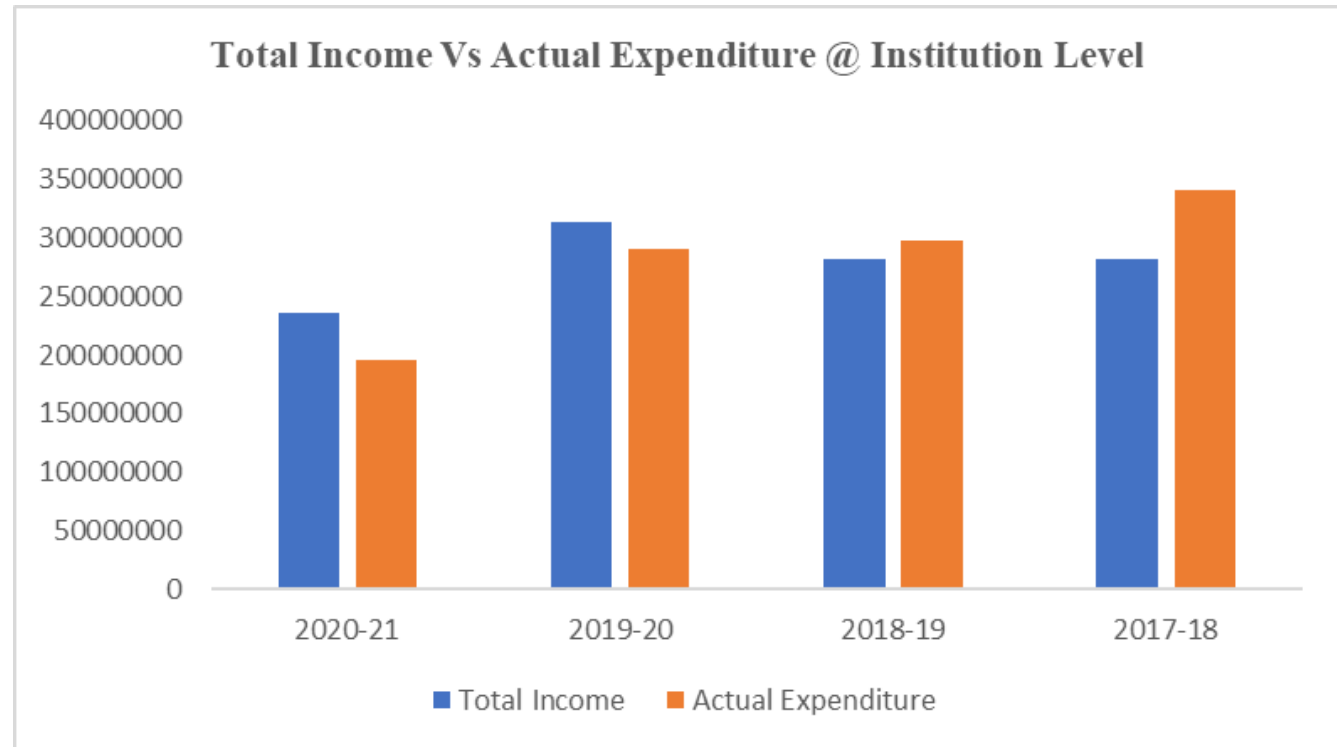
Internal Organizational Structure and Financial Resources



- Internal Sources of Funds
 - Tuition Fees
 - Bank Interest
- External Sources of Funds
 - Funding Agencies for Research Projects
- An audited statement is published in the college website
- For Contingencies, Departments will send indent to the Registrar
- Indenting system for Canteen & Photocopying
- Budget is Prepared as per the requirements of the Institute in consultation with Principal/Heads of the Departments
- The college has a mechanism of internal and external auditing appointed by the Management

Income and Expenditure Utilization (in Rupees)

SL. No.	Academic Year	Total Income	Actual Expenditure	% Utilization	Expenditure per Student	Total Number of Students
1	2020-21	235847913	195618442	82.9	70493	2775
2	2019-20	313208949	290208332	92.7	107723	2694
3	2018-19	282588774	297510687	105.3	110970	2681
4	2017-18	282180941	340063802	120.5	132423	2568



Budget v/s Expenditure (in Rupees)



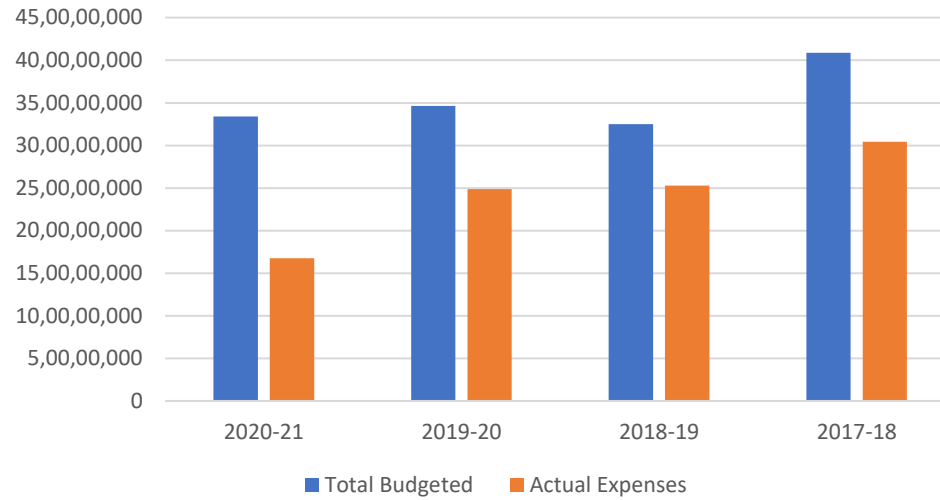
Item / Head of A/C	2021-22 *		2020-21		2019-20		2018-19	
	Budget	Expenditure	Budget	Expenditure	Budget	Expenditure	Budget	Expenditure
Infrastructure built-up	5,13,38,265	10,19,200	3,93,42,869	14,80,000	2,96,83,789	1,72,69,423	2,81,39,787	2,38,96,834
Library	11,00,000	1,91,332	7,09,250.00	8,16,713.00	16,85,000.00	11,83,296.00	22,35,000.00	17,08,633.00
Laboratory Equipment	2,78,61,400	68,53,010	2,64,45,025	56,96,796	4,48,03,834	1,24,73,138	5,58,33,465	1,39,28,198
Laboratory Consumables	15,93,851	1,51,615	20,79,243.00	3,29,204.00	12,93,792.00	3,66,874.00	20,07,722.00	6,50,599.00
Teaching & Non-Teaching Staff Salary	18,88,15,911	12,77,09,214	17,96,26,389	11,93,60,733	17,67,74,795	15,23,57,687	16,27,24,820	14,66,36,876
Maintenance and Spares	1,75,000.00	54,680.00	1,75,000.00	45,720.00	1,75,000.00	3,06,348.00	1,40,000.00	2,12,863.00
R&D	22,50,000	12,42,626	23,65,000.00	10,89,110.00	34,37,165.00	10,81,911.00	46,55,160.00	12,41,551.00
Training and Travelling	70,72,000	45,02,763	57,50,000.00	49,69,582.00	95,57,000.00	87,72,745.00	94,00,000.00	81,28,059.00
Miscellaneous Expenses for Academic Activities	4,65,28,900	3,62,26,835	7,74,72,594.00	3,37,78,825.00	7,89,30,010.00	5,48,12,945.00	5,99,44,210.00	5,66,76,525.00
Total	32,65,60,327	17,78,96,595	33,39,65,370	16,75,66,683	34,65,20,385	24,86,24,367	32,50,80,164	25,30,80,138

* Receipts and Payments of present year to till date

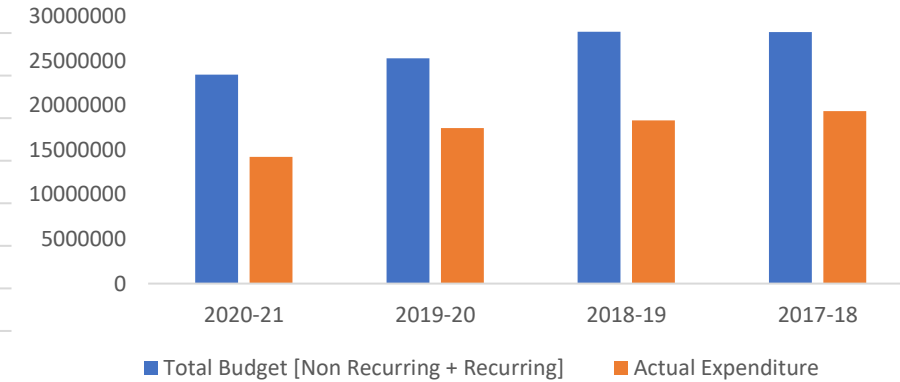
Budget v/s Expenditure (in Rupees)



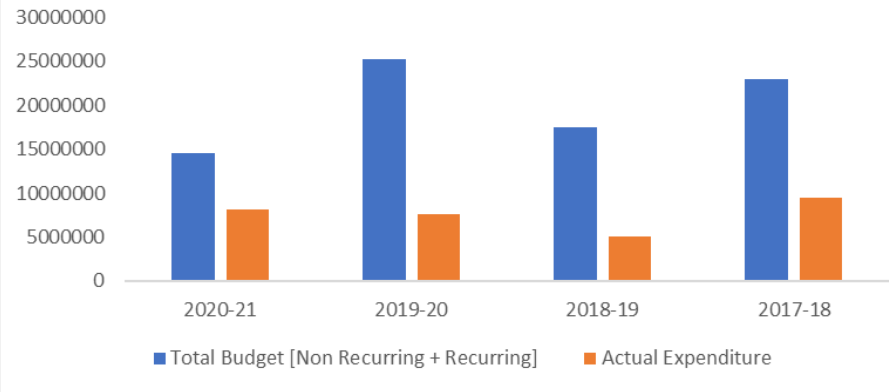
Budget allocated and Actual Expenses



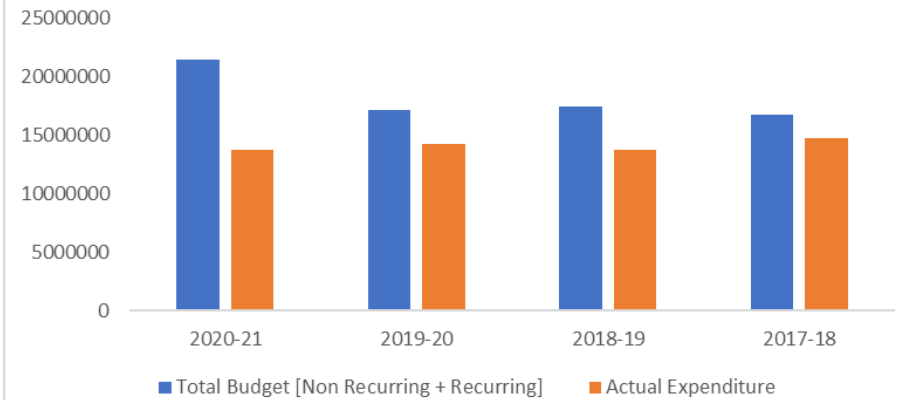
Total Budget allocation and Utilization of Civil Engineering Program



Total Budget and Actual Expenditure for the previous year of Aeronautical Engineering Program



Total Budget and Actual Expenditure for the previous year of Information Science & Engineering Program



Vision and Mission



VISION

Preparing Competent Engineering and Management Professionals to Serve the Society

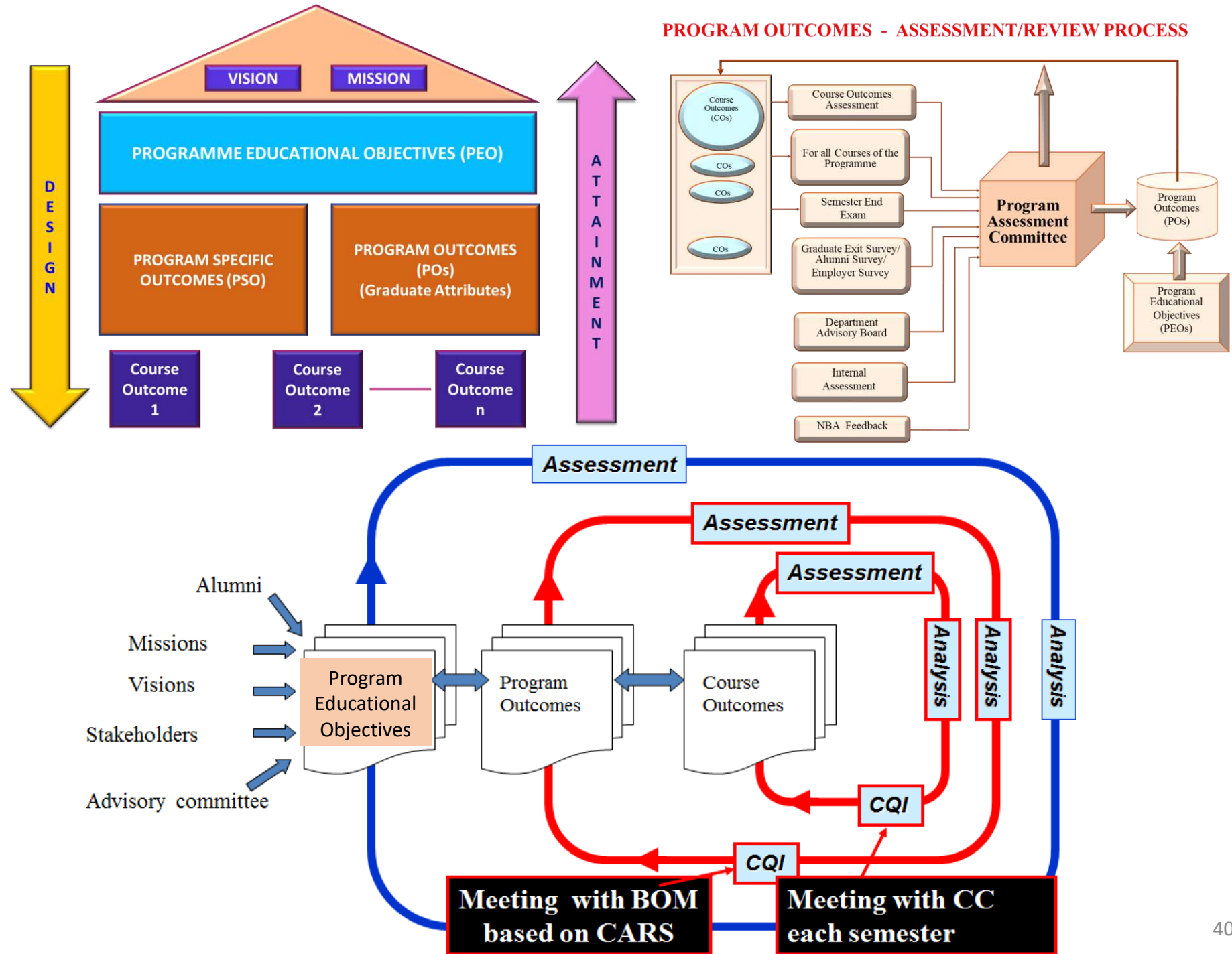
MISSION

- Providing Students with a Sound Knowledge in Fundamentals of their branch of Study.
- Promoting Excellence in Teaching, Training, Research and Consultancy.
- Exposing Students to Emerging Frontiers in various domains enabling Continuous Learning.
- Developing Entrepreneurial acumen to venture into Innovative areas.
- Imparting Value based Professional Education with a sense of Social Responsibility.

OBE

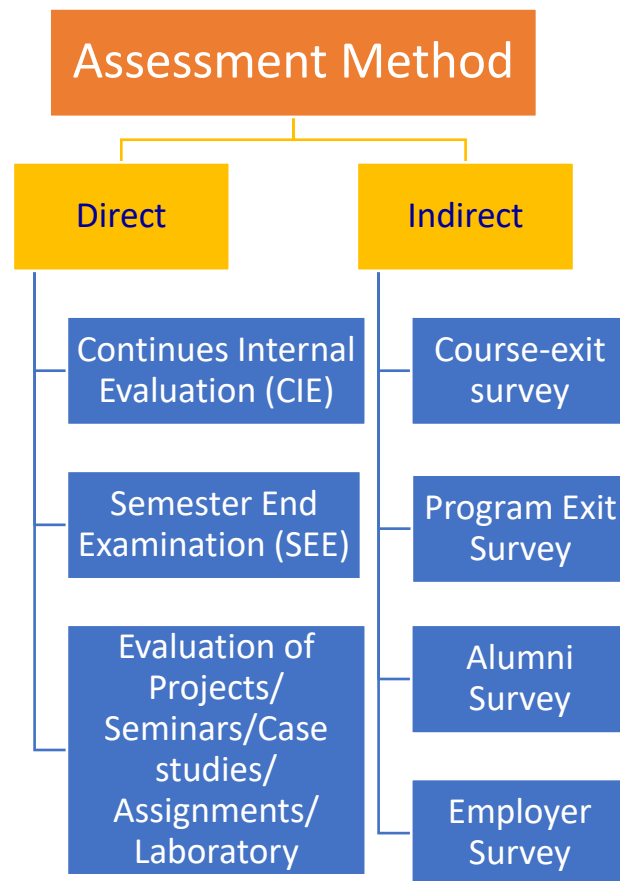
Program Educational Objectives

Process, formulation and attainment



OBE

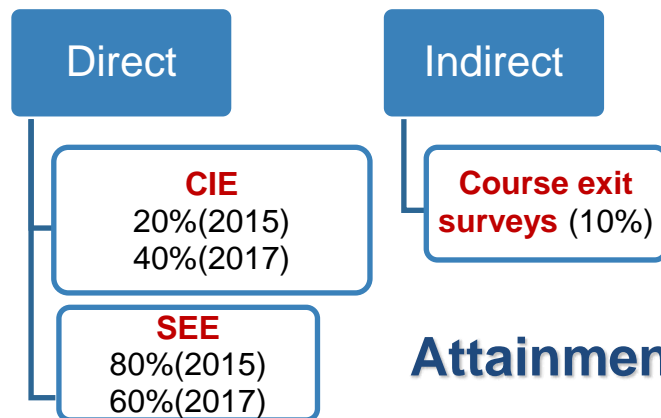
Assessment Methods



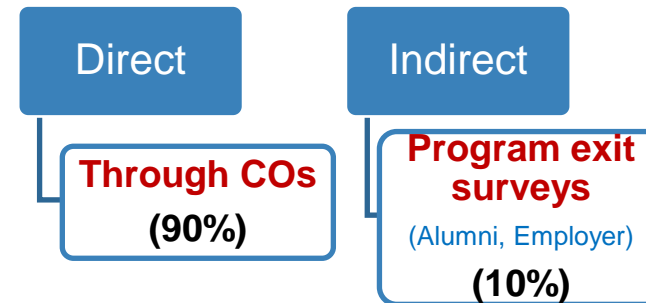
- Course Outcomes are mapped with Bloom’s level.
- CIE and SEE Questions are mapped to Course Outcomes & Bloom’s level.
- The student who is scoring Target % and above of the total marks attempted, in the respective question mapping to a CO is considered as attained.

Assessment Method	Frequency
CIE	Thrice in a Semester
SEE	Once in a Semester
Rubrics Evaluation(CIE)	Once in a Semester
Course Exit Survey	Once in a Semester
Program Exit Survey	Once in a Year
Alumni Survey	Once in a Year
Employer Survey	Once in a Year

Attainment of COs



Attainment of POs



Attainment of PEOs : 60% Indirect and 40% Direct

[Detailed...](#)



OBE Process



- Program Coordinator
- Course Coordinator
- **Program Assessment Committee (PAC)**
 - Members-Faculty & Distinguished Students
 - Proposes Departmental Vision, Mission, PEOs & PSOs statements
 - Review OBE process, Attainment values and Gap Analysis
- **Departmental Advisory Board (DAB)**
 - Members- Academician, Industry Expert, Alumni, Faculty & Student
 - Finalize Vision, Mission, PEOs, POs, & PSOs
 - Review of OBE process, Attainment values and Gap Analysis
 - Recommends change in Curriculum/Delivery Methods/Assessment Methods
- **IQAC**
 - Approves Vision, Mission, PEOs, POs, & PSOs
 - Review the Quality of OBE Process
- **Awareness** to all the stakeholders
 - Published in websites/curriculum books / display boards,
 - Awareness workshops/Faculty meetings /Alumni Meetings / Parents Meetings
- **Program Outcomes (POs)** are defined by NBA
- Program Specific Outcomes (PSOs) are defined by considering the Knowledge areas of the specific program given by Global professional bodies like IEEE, ACM, etc.
- **Course Outcomes(COs)** are stated by considering POs, PSOs and Bloom's Level.
- **CO Target**
 - Initial Target fixed by SJCTIT - 60%
 - CO target will vary for the course as per the Bloom's level
- **PO Target**
 - The Expected level of attainment for PO is computed through Course wise CO target.

SWOC Analysis



Strengths	Weaknesses	Opportunities	Challenges
NBA(CS,EC,ME) and NAAC Accredited	Quality Students	Brilliant career opportunities for graduates.	Striking a balance between Academic, Research and Consultancy work
Support from Top Management	Student Exchange Programs	Splendid opportunities for interdisciplinary research	Achieving 100% Results and Placements
Competent Faculty	Industry-Institution Interactions	Excellent Opportunities for funded projects through VTU/VGST/AICTE/DST/NSF/NRB	Admissions to ME,CV, AE and AS
Good Infrastructure	Funded Projects and Patents	Improving Academic performance Index	Publishing Papers at Reputed/Indexed Journal like ACM/IEEE transactions
Student Activities	Book writing	Heritage Advantage	Obtaining Patents
Placements /Internships	Industry Specific Labs		
Successful Alumni	Limited diversity/depth of course offerings/ research areas		
Paper Publications by Students & Faculty			
Disciplined Work Culture			

Vision 2022-23

- 100 % results with good number of University Ranks & Gold Medals
- Concentrate on below Average Students (Slow Learners)
- Paper publications in reputed journals and conferences.
- Improving the placements opportunities in core companies
- Tie-up with industries for better employability of our students
- Promoting study-abroad and student exchange programme for higher semester students
- Encouraging the students to become entrepreneurs
- To ensure that every faculty member is a doctoral fellow, patenting the innovative research work carried
- Establishing industry / academic interactions with regional / national / international bodies
- Continuing the accreditation status – NBA and NAAC
- Achieve good all India NIRF ranking

2022

2023

2025

2030

Strengthening TLP, R&D,
Industry-Academia
Interactions and EDP, Training
& Placement Activities



Autonomous Institution



01

02

03

04



NBA & NAAC Accreditation,
COEs, MoUs with Globally
Renowned Universities



Deemed to be
University



SJCIT - Timeline

Submission



- In Summary,
 - ✓ Visionary, Transparent, Service-oriented and Supportive Management
 - ✓ **Eco-friendly Campus with Exceptional Infrastructure**
 - ✓ Enthusiastic Committed Faculty & Staff, Interesting Students
 - ✓ **Excellent Student-centric Support Facilities**
 - ✓ Conducive Ambience for Holistic Learning

**Looking forward to Your
Encouragement and Support for
Our Development**

