
RGM, NANDYAL, A.P.
(AUTONOMOUS)

RGMCET
NANDYAL

RGMCET, NANDYAL
(AUTONOMOUS)

EXTENDS

A Warm & Hearty Welcome

To

NBA EXPERT MEMBERS

by

Dr.T. Jayachandra Prasad,
Principal
24-11-2023

RGMCET
NANDYAL

RGM NANDYAL WELCOMES

CHAIRMAN & MEMBERS OF NBA TEAM

FOR ACCREDITATION OF B.Tech PROGRAM(Tier-1)

IN

Electronics and Communication Engineering

Outline of the Presentation

- Promoters
- Group Activities; Other Institution details.
- Programs offered.
- Institute achievements/Recognitions: Institute level, Faculty level, Student level.
- Faculty Centric Policies & Utilization.
- Student Centric Policies & Utilization.
- Quality Assurance Initiative & Impact.
- Curriculum & Teaching-Learning Process-Implementation details.
- Faculty Information & Contribution Points (As per SAR: Institute Level-program wise).
- Student Performance Points (As per SAR: Institute Level-program wise).
- Facilities and Technical Support.
- Governance, Institutional Support and Financial Resources.
- Vision, Mission and Program Educational Objectives(Process – formulation & Attainment)

Parameshwara Educational Academy

(Regd. No. 166 of 1985)

25-602, SRINIVASA NAGAR, NANDYAL,
NANDYAL(DT), ANDHRA PRADESH
9866308411
midde.santhiram@gmail.com

Vidyarathna ***Dr. M. Santhi Ramudu***, Chairman RGM Group
Educationist, Philanthropist, Visionary

"Innovative thinking and hard work distinguishes between a Leader and a Follower "

A man with vision, dedication and commitment started the institution with a motto
"***EDUCATION FOR PEACE***"

ADMINISTRATION		
Er. M. SIVARAM - Managing Director		
Dr.T.Jayachandra Prasad		*Principal*
Dr.D.V.Ashok kumar		*Dean Administration & Placement Director*
Dr.B.Ramireddy		*Dean Student Affairs*
Dr.B.B.Prahalada Rao		*Dean Computer Science*
Dr.D.Satyanarayana		*Controller of Examinations*
Program - HODs	**Name**	**Qualifications**
CE	Dr. G. Sreenivasulu	M.Tech., Ph.D.
Mech.	Dr. K. Thirupathi Reddy	M.Tech., Ph.D.
EEE	Dr.V. Naga Bhaskar Reddy	M.Tech., Ph.D.
ECE	Dr.K.Mallikarjuna	M.Tech., Ph.D.
CSE	Dr.K. Subba Reddy	M.Tech., Ph.D.
CSE(Data Science) CSE (Cyber Security)	Er.B.Bhaskar Rao	M.Tech., (Ph.D).
CSE and Business Systems, CSE (AI & ML)	Dr.G.Kishore Kumar	M.Tech., Ph.D.
Mathematics	Dr. K.V. Suryanarayana	M.Sc., Ph.D.
Physics	Dr. N.Ravi	M.Sc., Ph.D.
Chemistry	Dr. A. Balakrishna	M.Sc., Ph.D.
English	Dr. P.Kousar Basha	M.Sc., Ph.D.
Management	Dr.S.Sowjanya	MBA., Ph.D.
First Year Coordinator	Dr. P.Sudarsana Reddy	M.Sc. Ph.D

2. GROUP ACTIVITIES; OTHER INSTITUTION DETAILS

- *The Nandyal public school (CBSE)* -1985.
- *The Nandyal Junior College(BIE,AP)* -1992.
- *Santhiram General hospital* -2004.
- *Santhiram Medical college* -2005.
- *Santhiram College of Nursing* -2007.
- *Santhiram College of Pharmacy* -2007.
- *Santhiram Engineering College* -2007.
- *Santhiram Seva Samithi (Adopted 300 Villages - free health care & school Education)* -2009
- *Santhiram Dance academy* -2009
- *Santhiram Chemicals Pvt. Ltd* -2012
- *Santhiram Agri Farms Pvt. Ltd* -2012
- *Santhiram Wind Energy Pvt. Ltd* -2014
- *RGM International School* -2015
- *Tremag - Alloys Pvt. Ltd* -2018

Programs offered @RGMCET

	S.No	Programs	Intake (2023-24)
UNDER GRADUATE	1	Civil Engineering	120
	2	Computer Science and Engineering	240
	3	Computer Science and Engineering(Data Science)	180
	4	Computer Science and Engineering and Business Systems	60
	5	Computer Science and Engineering(Artificial Intelligence and Machine Learning)	60
	6	Computer Science and Engineering(Cyber Security)	60
	7	Electrical and Electronics Engineering	120
	8	Electronics and Communication Engineering	240
	9	Mechanical Engineering	120
POST GRADUATE	1	Computer Aided Structural Engineering(CE)	18
	2	Electrical Drives and Control(EEE)	09
	3	VLSI Design(ECE)	09
	4	Computer Science(CSE)	09
	5	Energy Engineering (Mechanical Engineering)	09
	6	Master of Computer Applications(MCA)	60
	7	Management Sciences(MBA)	60
DOCTORAL PROGRAMS	1	Civil Engineering	
	2	Computer Science and Engineering	
	3	Electrical & Electronics Engineering	
	4	Electronics & Communication Engineering	
	5	Mechanical Engineering	

3. 1. INSTITUTE ACHIEVEMENTS/RECOGNITIONS:
INSTITUTE LEVEL

- RGMCET Established in Rural area(*1995*)- Affiliated to JNTU. Annexure-1
- Intake increased from *220*(1995) to *1374* (2023-24). Annexure-2
- 05 Doctoral programs(Civil, CSE, EEE, ECE, Mech.,). Annexure-3
- Selected for World Bank assisted TEQIP-I with a soft loan of Rs.11.94Crores (*2003*). Annexure-4
- Accredited by NBA 06 times (2003, 2007, 2013, 2017(Tier-1), 2020(ECE-Tier-1) and 2021(CE,CSE, EEE and Mech.,). Annexure-5
- NAAC with 'A+' grade (3.54 out of 4.0 CGPA)(July 2017) . Annexure-6
- AICTE Approvals_2023-24 to 2018-19. Annexure-7
- Conferred AUTONOMOUS status by UGC (Sep' 2010. 2016 and 2018(10Years). Annexure-8
- Accorded 2(f) and 12(B) status by UGC(2010,2011,2012). Annexure-9
- Received 11 gold medals from University.
- UGC-Deen Dayal Upadhyay Centre For Knowledge Acquisition and Up-gradation of Skilled Human Abilities and Livelihood (DDU- KAUSHAL) (August 2015). Annexure-10
- JNTU Anantapur Ananthapuramu affiliations. Annexure-11

3.1. INSTITUTE ACHIEVEMENTS/RECOGNITIONS

INSTITUTE LEVEL

- Conferred "College with Potential for Excellence" (CPE) status by the UGC in August 2016. Annexure-12
- Received SIRO recognition from DISR 2014, 2016, 2019 and 2022 Annexure-13
- APSSDC has established **SIEMENS-TSDI 2016.** Annexure-14
- CM Skill Centers. Annexure-15
- ISO 9001:2015 certified institute.
- 201-250 Rank Band in 2022,2021and 2000 NIRF. Annexure-16
- Adopted Bhupanpadu and Nerawada village – Constructed toilets(200).
- Erected 300 street lights in four villages namely Adopted Bhupanpadu, Nerawada Ramatheeratham and Kondajutur.
- MOUs with institutions and industries.
- Received **best JKC award** for placements.
- Received **Gold Rank** in AICTE-CII Survey **2016/2017/2018.** Annexure-17
- As a Green initiative and research purpose **500kW Solar power plant** has been installed in the campus. Annexure-18
- International Conferences Conducted (**Dec'2016**, **Dec'2018, April 2022, April 2023)** Annexure-19

3.2. INSTITUTE ACHIEVEMENTS/RECOGNITIONS
FACULTY LEVEL

- Well qualified and dedicated faculty : Total faculty **295 (2022-23).** Annexure-20

- **32** Professors+ **36** Associate Professors+**227** Asst. Professors.
- **88** Ph.Ds +**207**(PGs). Annexure-21
- Faculty from reputed institutions such as IISc, IITs, NITs are
- **48** Scholars are pursuing their Doctoral programs.
- No. of Ph.Ds produced by faculty- **50** and M.Phils-**03**.
- Number of scholars guiding by RGM faculty **83**.
- Encouragement for higher education/paper publications /workshops/seminars
- **2123** faculty total publication upto 2017-18 **(WOS - 575, SCOPUS- 316 and others 1231)** Annexure-22
- Patents Granted and Published 43 and 70 Annexure-23
- No. of faculty pursuing **Ph.Ds: 53**
- No. of books published: **46**
- Book Chapters: **47**

- Modified Regulations in 2010,2012,2015,2019, 2020 and 2023.
- NEP2020 Concepts of Multiple entry and Exit are introduced from 2023.
- Proud Alumni platform all over the world.
- Implementing Government of India initiatives such as Swach Bharath, Green Campus.
- Introduced Yoga and Meditation as a part EAA from 2015 onwards.
- Introduced the concept of Minor, Honours and Gap Year Concept

- Received **5.58 Crores** worth of projects from various agencies such **UGC, DST, AICTE, SERB (Before Visit) (As on 15-11-2023)**
- **After Visit 2.88 Cr (2020-21) (As on 16-10-2021)**
- Patents Granted/Published: 43/70
- MoUs with institutes/ Institutes. Annexure-24
- Established three Incubation Centers
- 1. **Grid independent forced draft domestic solar dryer**
- **2. Internet of Things (IOT)**
- **3. Nano Technology Incubation Centre (NIC)**
- The following faculty members featured in the **2022-2023** World Ranking of Top 2% scientists created by **Stanford University**. In previous year also 04 Professor were featured in this list in 2021-2022.
  1. Dr. P. Sudarsana Reddy (Dept. of Mathematics): **767** [2022-23 Rank] [Field: Engineering]
  2. Dr. P. Sreedevi (Dept. of Mathematics): **933** [2022-23 Rank] [Field: Engineering]
  3. Dr. Upendra Rajak (Dept. of Mechanical Engineering): **3167** [2022-23 Rank] [Field: Strategic Technologies]
  4. Dr. B.C. Jamalaiah (Dept. of Physics): **4548** [2022-23 Rank] [Field: Physics & Astronomy]
- 41 faculty members were listed in AD Scientific Index Rankings for Scientists 2024

3.3. INSTITUTE ACHIEVEMENTS/RECOGNITIONS: STUDENT LEVEL

- No. of **Gold** medals received from University: **11** Annexure-25
- Paper Publications: **883** Annexure-26
- Academic performance > 80%
- Very good placement record: 3133 offers (multiple offers) for the assessment period (75% of eligible students)
- Financial Assistance of **Rs.1.26Crores** (who scored 90% and above marks in an A/Y).
- Prathibha awards by Government of Andhra Pradesh: **22 Nos.**
- Participated in Smart India Hackathon (SIH) Grand Finale At "IIT BHU"- Varanasi and received cash award of **Rs. 50,000/-** (2017).
- Participated in Smart India Hackathon (SIH) 2018 Grand Finale At CSIR-Pilani.
- Participated in Smart India Hackathon (SIH) 2019 Grand Finale At NIT-TRICHY.
- Participated Engineering Students Innovation Challenge (ESIC 2017), ISSRD(International Society for Scientific Research & Development).
- **AICTE – ECI – ISTE Chhatra Viswakarma Award-**Team SVA – PRABANDA, is nominated for National Conclave of Chhatra Viswakarma Award – 2019.
- Financial assistance for Paper publication/workshops etc.
- Hostel fee concession and Financial assistance from poor students fund.

4.1. FACULTY CENTRIC POLICIES & UTILIZATION.
SELECTION PROCESS…

- The identification of vacancies ,Issue of advertisement., Inviting applications.
- Scrutiny of applications as per qualification and experience, Issue of call letters for the short listed candidates inviting them to attend for interviews, Selections are made by a selection committee which also includes external subject experts and based on the Issue of Appointment letters on the Recommendations of selection committee .

➢ Timely Promotion based on qualification. ➢ Paid Maternity leave. ➢ Creation of research facilities based on the interest of faculty. ➢ Free internet**(1024Mbps)** and **Wi-Fi** facility to access academic resources. ➢ Financial reward for commercial patents. ➢ Incentives for sponsored projects. ➢ **50%** Concession for children education in our professional colleges. ➢ Rent free accommodation and transport for senior professors. ➢ EPF for eligible faculty and staff. ➢ **25%**Concession in(SRMC hospital) medical expenses	➢ Encouragement to completed Ph.D. ➢ Encouragement to post Doc awardees in world ranking institutions ➢ Post Doctoral Sponsorship. ➢ Well defined Service Rules & Regulations for the faculty, Incentives, Rewards, Annual leaves etc., ➢ Encouraging the faculty members to attend the workshop, FDP's, Industrial training and Conference by providing On Duty and financial support. ➢ Employees are rewarded/ counseled based on the faculty feedback and performance appraisal by following procedures.

5.1. STUDENT CENTRIC POLICIES & UTILIZATION

- Availability of online resources **(NPTEL /VODs /Software)** through intranet and also IP based.
- Value added course to meet industry standards(06 per branch).
- Enhanced practical orientation through addition lab one in each semester.
- Extra Academic Activities for **Societal involvement. (NSS/NCC, Games/Sports, Yoga/Meditation, Extension Activities and** Literary/ Cultural Activities)
- RIPPLEs(Tech-Symposium) in every department every year for event management and technical knowledge enhancement.
- Financial support for academic excellence and deserving poor.
- 37 Interactive Flat Panel Class rooms and 10 Digital class rooms with internet facility.
- 1024 Mbps Internet/56 Wi-Fi higher access points facility in hostels.
- RGM SANGRAM –Games and sports events once in every two years. RGM Expo for entrepreneurial skills once in every two years.
- Interaction among Seniors and Juniors through department level fresher's and farewell events.
- Literary clubs : GEN-Y.
- Financial Assistance – for academic excellence(>=90% in AY or 9.5 CGPA).
- Presentations/work shops/Games and Sports/ Cultural events with financial assistance.
- Mentoring/ Counseling **(20 Students/ Faculty).**
- Interactive class rooms in association with M/s Pearson Education .
- Encouragement to participate in All games and sports with incentives.
- Introduction of GAP year concept.

5.2. STUDENT CENTRIC POLICIES & UTILIZATION

- Mandatory Induction Program.
- Training in corporate management skills and personality development skills from first year onwards by corporate agencies.
- Introduction of MOOCs to improve self learning capabilities
- Swayam, NPTEL College Recognition, IIT-Bombay remote Center/ Spoken tutorial .
- Reference Globe / Code Tantra/ Eduskills/Byts , Coimbatore.
- Introduction of Minor degree and Honors for UG students.
- Encouragement for live projects and Push for mandatory internships.
- Motivating to interact with external world- projects/paper IEEE & other journals.
- Remedial classes.
- Departmental Associations.
- Encouragement for blended learning to cover 30% syllabus.
- Feedback system is in vogue.
- Students involvement in various committees.
- EK BHARAT SRESTHA BHARAT and ATAL tunnel visiting.
- Regular interaction with Alumni.

6.1. QUALITY ASSURANCE INITIATIVE & IMPACT

- Subjected to Quality Assurance Initiatives- NBA (2003, 2007,2013, 2017(Tier-1 all eligible),2020(Tier-1-ECE) and 2021(Tier1-EEE,CE,CSE, and Mech)
- UGC Autonomous status 2010, 2016 and 2018(10 years)
- NAAC 2017- 3.54 out of 4.0 CGPA(A +) - 2nd Cycle
- World Bank Funded Institution (2003-TEQIP-Phase I)
- Conferred UGC-CPE status and UGC – KAUSHAL Kendra
- 201-250 Rank Band in 2022 and 2021 NIRF(251-300 Rank Band in 2020 NIRF).
- SIRO recognition by DISR
- Encouragement for paper publications/workshops
- Bio metric attendance in vogue for faculty and students
- Rigorous training for Placements from 2nd year onwards.
- Double/single evaluation for UG programs.
- Established Idea and Innovative lab.
- Offering of Minor/ Honors in UG Program
- Question bank and online question paper generation.
- Introduction of MOOCs (Swayam /NPTEL) and Internships.
- Organizing Hackathons / Project competitions.
- Introduction of additional lab in each semester from second year onwards(in all 06 additional labs)
- Introduction of Skill development Courses in every semester from 2nd year onwards.
- External evaluation for all laboratory exams and introduction of weightage in internal exams.
- Introduction of Continues Comprehensive Viva/Mini-project/Internships/Induction Programs/EAA

Impact of Quality Initiatives

- ✓ Improved academic environment by the way of self learning
- ✓ More practical orientation
- ✓ Improved internship opportunities
- ✓ Improved placements
- ✓ Improved competitive spirit.
- ✓ Improved Innovative thinking.
- ✓ More transparent evaluation.
- ✓ Improved subject Knowledge because of CCV
- ✓ Exposure to outside world
- ✓ Enhanced knowledge due to Skill Development Courses.
- ✓ One of the most preferred college in the region
- ✓ Established IIC and received 3 star rating

6.2. QUALITY ASSURANCE INITIATIVE & IMPACT

Mandatory Induction Program

- *Organized Physical activities ,*
- *Lecturers are arranged on Universal Human Values*
- *Arranged Proficiency Modules*
- *Arranged local area visits*
- *Provided facilities to work on Creative Arts*
- *A seminar on Literary*
- *Arranged Lectures by Eminent people*
- *Familiarization to department/branch*

Exam Reforms

- *20% Remembering, 26% Understanding, 36% Applying and 18% analyzing*
- *Workshop conducted on Exam reforms for Professors, Controller of Examinations and faculty members of this institute.*

Internship Policy

- *300~400 hours activity programme for B.Tech Students for internship requirements and community services.*

6.2. QUALITY ASSURANCE INITIATIVE & IMPACT

Innovation & Incubation Cell

- *To encourage ideation, creativity among the students*
- *Introduced Financial support and rewarding system for Intellectual Property(IP) creation*

Teacher Training

- *Training on Instructional Planning and Classroom Delivery for newly joined faculty*
- *Creative problems solving, Innovation and R & D*
- *Made mandatory online certifications from Swayam and NPTEL*
- *Organized faculty development program on thrust areas such as Artificial Intelligence, Data Science, IoT and Machine Learning*

Various Committees to Ensure Quality

Institute Level

- Governing Body
- Academic Council
- PAAC
- Institute Academic Committee
- Financial Committee
- Internal Quality Assurance Cell (IQAC)

Department Level

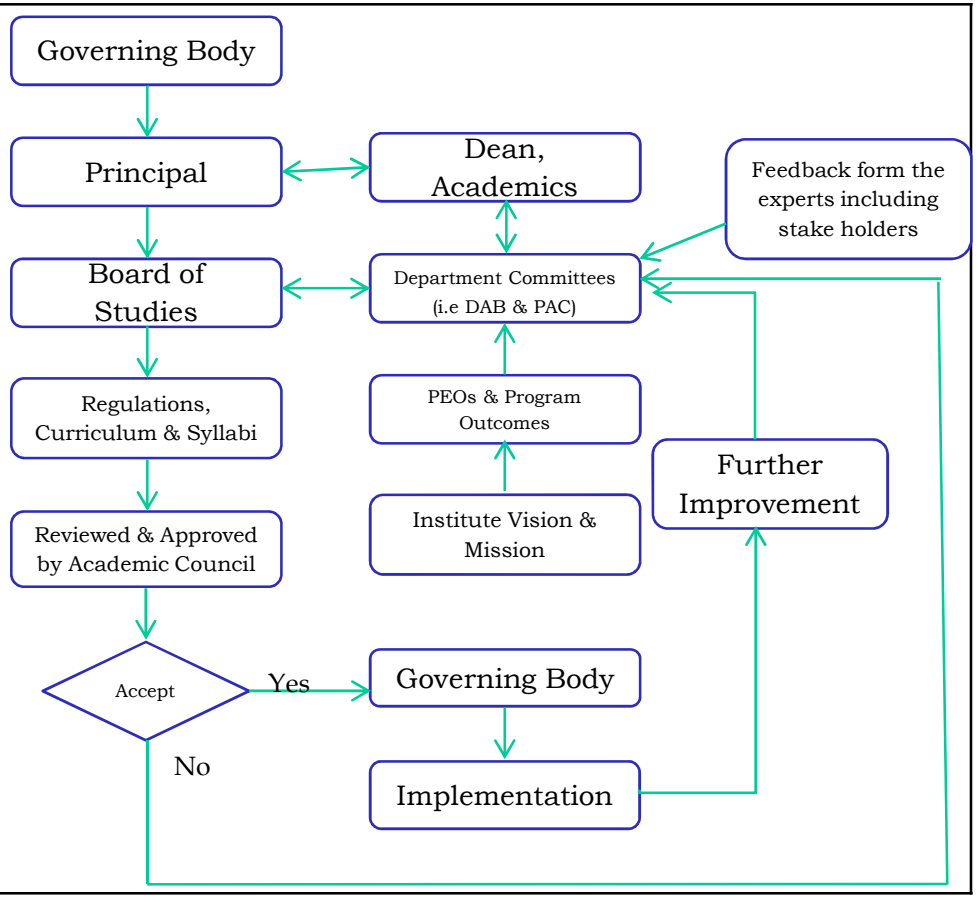
- Board of Studies
- Department Advisory Board
- Program Assessment Committee
- Feedback Committee

7.1 CURRICULUM & TEACHING LEARNING PROCESS

- Based on the directions from All India Council for Technical Education (AICTE), New Delhi and Jawaharlal Nehru Technological University Anantapur (JNTUA), the institute adopted AICTE and APSCHE model curriculum, with minor modifications to match the needs, expectations, and skillsets of students of the region, in both the under- graduate and post-graduate programmes offered from the academic year 2019-20.

- The Institute has implemented the autonomous academic regulations approved by Academic Council and Governing Body from 2010 onwards for B.Tech, M.Tech, MBA and MCA Programmes.

- The curriculum and syllabi for various UG and PG Programmes will be approved by the concerned BOARD OF STUDIES (BOS) meetings conducted twice in an academic year.



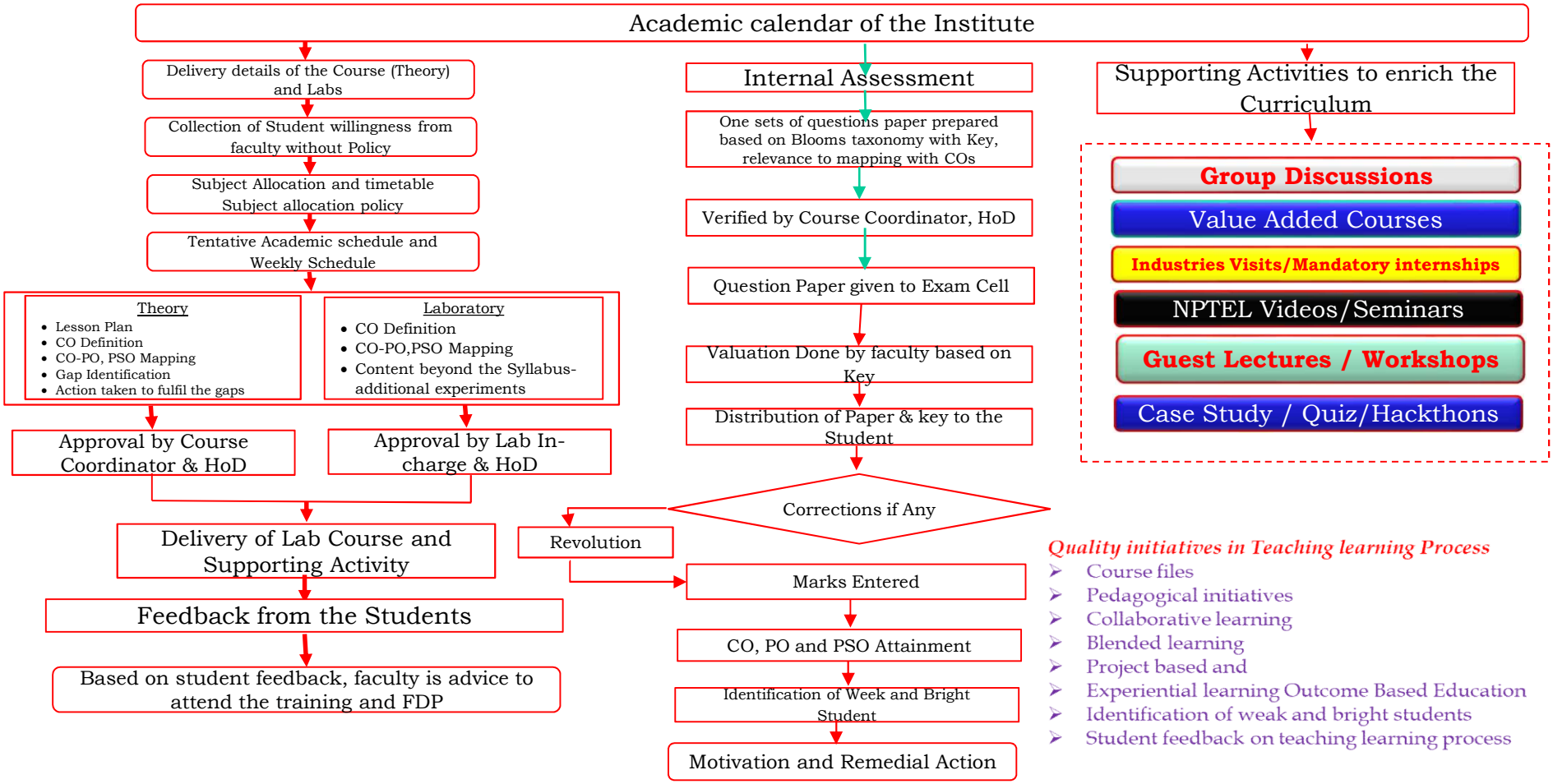
7.2 CURRICULUM DEVELOPMENT

The following steps are followed in the process of curriculum development.

A comparative analysis of curriculum of premiere Universities/institution is done to modify/remove/add courses.

- Feedback from all the stakeholders of the institution is frequently taken and analyzed for an effective curriculum design and development.
- Faculty meetings are conducted to deliberate upon learning objectives and Course Outcomes which describe what students are expected to know and be able to do at the end of the course.
- COs, defined in line with Bloom's Taxonomy, are mapped to POs to assess attainment of these outcomes after course delivery and evaluation.
- All the learning objectives are connected to respective learning activities in order for the students to attain the desired learning outcomes.
- Feedback from Students, Employers and Alumni, on curriculum as well as courses, is also reviewed during the meeting. The analysis is taken up for discussion during Board of Studies and Academic Council meetings to incorporate necessary changes in the curriculum and course structure.
- The course structure, evaluation mechanism, credit weightage and other aspects are discussed and submitted for approval in Academic Council.
- The academic council formed as per the UGC Regulations discusses and evaluates the course structure, scheme and syllabi and approves with or without any modifications.

7.3 TEACHING LEARNING PROCESS



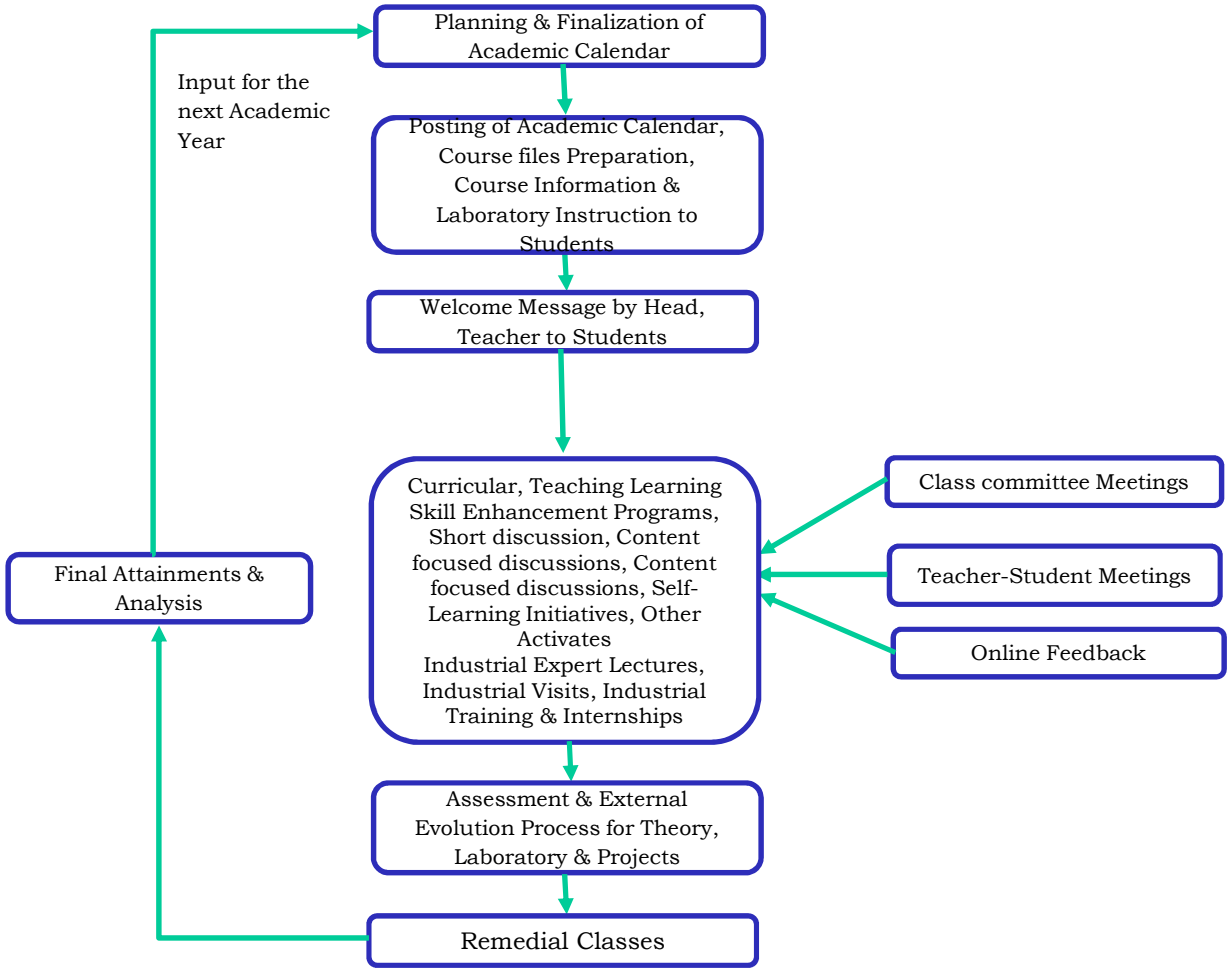
Quality initiatives in Teaching learning Process

- Course files
- Pedagogical initiatives
- Collaborative learning
- Blended learning
- Project based and
- Experiential learning Outcome Based Education
- Identification of weak and bright students
- Student feedback on teaching learning process

Teaching Learning Process- Class room tools / Delivery methods

- Class room lectures
- Online classes
- Laboratory sessions
- Interactive learning
- Assignments
- Projects
- Comprehensive viva voce
- Seminars
- Industrial visits
- Mandatory Internships
- Group discussions
- Role play/ Public Speaking
- Quizzes
- Value added courses
- E-learning resources
- ICT supported learning
- MOOCs
- Project Competitions

7.4 PROCESS FLOW OF TEACHING LEARNING TOOLS USED



7.5. PROCESS FLOW OF TEACHING LEARNING TOOLS USED

Teaching Learning Process- Assessment

Direct Assessment Tools for theory courses

- Continuous Internal Examination (CIE)
- Assignments
- Semester End Examination (SEE)

Direct assessment tools for Laboratory courses

- Day to day evaluation
- Internal examination

Direct assessment tools for Project Work

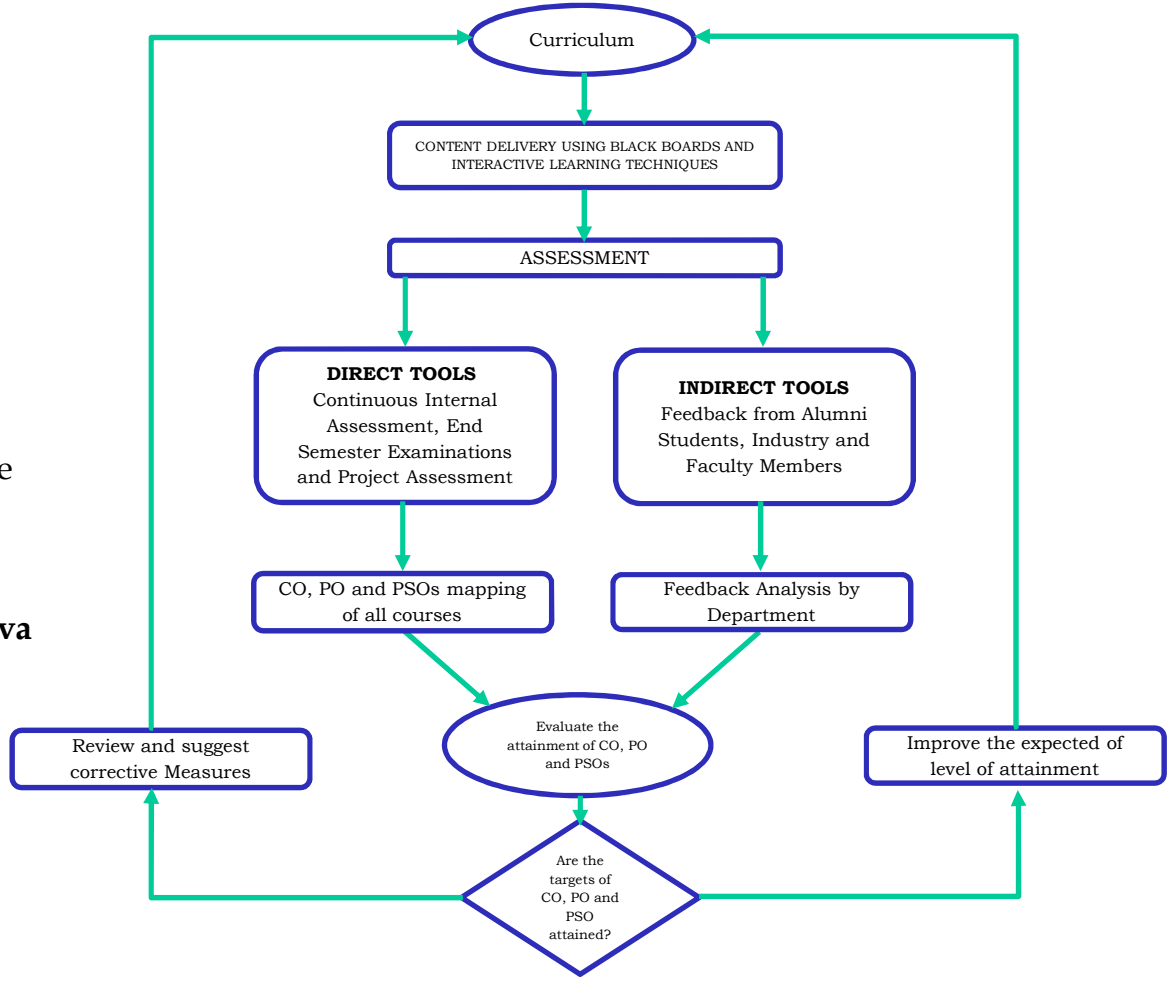
- Review seminars by Project Review Committee
- External examiner evaluation
- Mandatory Internships

Direct assessment tools for Comprehensive Viva voce

- Viva voice examination
- Continuous Comprehensive Viva

Indirect Assessment tools

- Course end Survey - At the end of each course
- Graduate exit survey- At the end of program
- Alumni Feedback



QUALITY OF EXAMINATIONS

1.Internal Evaluation Tests-02 (weightage 0.75 and 0.25)-No choice in the test. First question is Compulsory(Till 2022 batch admitted students) ***From 2023 batch admitted students onwards*** Internal Evaluation Tests-02 (weightage 0.80 and 0.20)-No choice in the test. First question is Compulsory. Either or type question paper patteren.

2.External exam- double evaluation-third evaluation if required-first question is compulsory.

3.Practical examination- External evaluation,

4.Project work- External evaluation,

5.Seminar Presentations,

6.Mini Projects- carried out in the labs,

7.Assignments

8.Mandatory Internships

9.Comprehensive Viva Voce

10.Introduction of Minor and Honours degree

QUALITY OF STUDENT PROJECTS/ Project Evaluation

- Project Identification
- Project Allotment
- Continuous Monitoring
- Project Implementation(focus will be on quality attainment will be on attainment of POs)
- Project Evaluation Procedure(Individual and Team performance)

INDUSTRIAL TOURS/**Industry Institute Interaction**

The institute encourages its faculty and students to interact with industry in all possible ways. The modes of interaction are given below: Workshops, conferences, Mandtory internships and symposia with joint participation of institute and the industry Memorandum of understanding between institute and industry

- Participation of experts from industry in curriculum development, Practical training of students in industry
- Professional consultancy by the faculty to various industries
- Industry adjunct faculty are allowed to teach.
- Consultancy- Design of structures (Sardar Vallabhai Patel Statue, bridges in Mizoram & Madhya Pradesh state)

8.1. FACULTY INFORMATION & CONTRIBUTION POINTS (As per SAR; Institute level – Program wise)

FACULTY DETAILS - DEPARTMENT WISE(2022-23)

S.No.	Dept.	Ph.D	Prof.	Asso. Prof.	Asst. Prof.	Total
1	CE	08	02	04	28	34
2	EEE	12	06	10	13	29
3	ME	15	05	08	24	37
4	ECE	15	06	06	40	52
5	CSE	09	04	04	31	39
6	CSE(DS)	01	01	01	07	09
7	CSE and BS	01	01	00	08	09
8	CSE(AI & ML)	00	00	00	01	01
9	CSE(Cyber Security)	00	00	00	01	01
10	MBA	03	01	01	11	13
11	MCA	00	00	01	10	11
12	English	01	01	00	12	13
13	Mathematics	07	03	00	16	19
14	Physics	10	02	01	13	16
15	Chemistry	06	00	00	12	12
Total		88	32	36	227	295

32 Professors+ 36 Associate Professors + 227 Asst. Professors = 295

Faculty are from Reputed Institutions such as IISc., IITs, NITS, IIITs and Central Universities

8.2. FACULTY INFORMATION & CONTRIBUTION POINTS

(As per SAR; Institute level – Program wise)

FACULTY DETAILS OF THE DEPARTMENT(UG+PG)													
Branch	Designation	CAY (2022-23)				CAYm1 (2021-22)				CAYm2 (2020-21)			
		With Ph.D		With out Ph.D	Total	With Ph.D		With out Ph.D	Total	With Ph.D		With out Ph.D	Total
		Regular	Contractual			Regular	Contractual			Regular	Contractual		
ECE	Professors	05	00	00	05	05	00	00	05	06	00	00	06
	Asso.Prof.	05	00	00	05	05	00	00	05	06	00	00	06
	Asst.Prof	00	00	38	38	04	00	35	39	03	00	29	32
	Total	10	00	38	48	14	00	35	49	15	00	29	44

8.3. Faculty Information & Contribution Points (As per SAR; Institute level – Program wise) FACULTY CADRE PROPORTION

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

Branch	Year	Professors		Associate Professors		Assistant Professors	
		Required F1	Available	Required F2	Available	Required F3	Available
ECE	2022-23	04	05	09	05	28	38
	2021-22	04	05	09	05	28	39
	2020-21	04	06	09	06	27	32
	Average	04	5.33	09	5.33	27.67	36.33

8.3. Faculty Information & Contribution Points (As per SAR; Institute level – Program wise) FACULTY CADRE PROPORTION

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

Branch	Year	Professors		Associate Professors		Assistant Professors	
		Required F1	Available	Required F2	Available	Required F3	Available
ECE	2022-23	04	05	09	05	28	38
	2021-22	04	05	09	05	28	39
	2020-21	04	06	09	06	27	32
	Average	04	5.33	09	5.33	27.67	36.33

8.4. FACULTY QUALIFICATION

FQ=2.0x[(10X+6Y)/F)] where x is no. of regular faculty with Ph.D., Y is no. of regular faculty with M.Tech., F is no. of regular faculty required to comply 1:20 Faculty Student ratio

Faculty Qualification				
	X	Y	F	FQ = 2*[(10X + 4Y)/ F]
CAY (2022-23)	10	38	42.00	12.00
CAYm1 (2021-22)	14	35	42.00	13.33
CAYm2 (2020-21)	15	30	41.00	13.17

FACULTY RETENTION

	% 0f Faculty Retention
Year	ECE
2022-23	70
2021-22	91
2020-21**(Base year 2020-21)**	100
Average Retention	81

8.5 FACULTY ACHIEVEMENTS

S.No	Name of activity	Prior to Visit Total 2020-21	CE	EEE	ME	ECE	CSE	MBA	English	Maths	Phys	Chem	Total
1	Papers Presented /Published	2123	28	38	129	81	88	25	18	63	47	14	531
2	Conference/ workshops/ seminars Attended	1778	125	276	405	167	269	72	09	02	07	01	1333
3	Conference/ workshops/ seminars organized	411	46	37	189	84	53	11	02	00	00	01	423
4	Books published	25	00	01	02	02	07	00	04	02	00	03	21
	Book Chapters	37	02	00	02	00	03	00	03	00	00	00	10
5	Ph. D awarded	25	01	02	02	04	08	03	00	01	03	00	24
6	Patents Received	14	00	00	22	02	10	00	00	00	00	00	34
7	Patents (applied)	21	01	03	12	07	16	00	00	06	00	04	49

8.6. SFR CALCULATIONS

Student Faculty Ratio (SFR)(Excluding First Year) (ECE)						
S.no.	Parameter	Calculations	Minimum Requirement	Academic Year		
				CAYm2(2020-21)	*CAYm1*(2021-22)	CAY(2022-23)
1	Total number of sanctioned intake at UG + Actual admitted lateral entry students + PG level for the previous three academic years including current academic year	Total No. of Students in the Department (S) = UG1 + UG2+UGn + PG1 + PGm	-	**823**	**844**	**823**
2	The student faculty ratio (SFR) in the department averaged for previous three academic years including the current academic year.	SFR = S/F, Where S= Total number of students in the dept. and F= total number of faculty in the dept.	**1:25**	**17.22**	**18.70**	**17.71**
AVERAGE SFR						**17.88**

4.Students Admissions (Institute level considering all UG programs)			
Item	CAY (2022-23)	CAYm1 (2021-22)	CAYm2 (2020-21)
Sanctioned intake	1140	900	900
Number of students admitted (Corresponding to sanctioned intake)	912	740	827
Percentage of Admissions	80	82.22	91.88
% of Students Admitted over last three assessment years (Total Admitted/Sanctioned Intake)	84.31		

Details of the Students actually admitted through Lateral Entry/Separate Division			
Item	CAY(2022-23)	CAYm1(2021-22)	CAYm2(2020-21)
Number of students admitted through Lateral Entry	274	135	284
Number of students admitted through Separate Division (Rejoined)	--	--	--
Total Number of students admitted in the second year	274	135	284

9.1. *STUDENT PERFORMANCE POINTS*

First Year Academic Performance

Academic Performance = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x (number of successful students/number of students appeared in the examination) Successful students are those who are permitted to proceed to the second /third/fourth year. Mean of CGPA or Mean Percentage of all successful students (X): Total no. of successful students (Y): Total no. of students appeared in the examination (Z)

Academic Performance	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Mean of CGPA or mean percentage of all successful students(X)	7.79	7.95	7.75
Total number of successful students (Y)	489	523	412
Total number of students appeared in the examination (Z)	740	827	678
API [X * (Y/Z)]	5.15	5.03	4.71

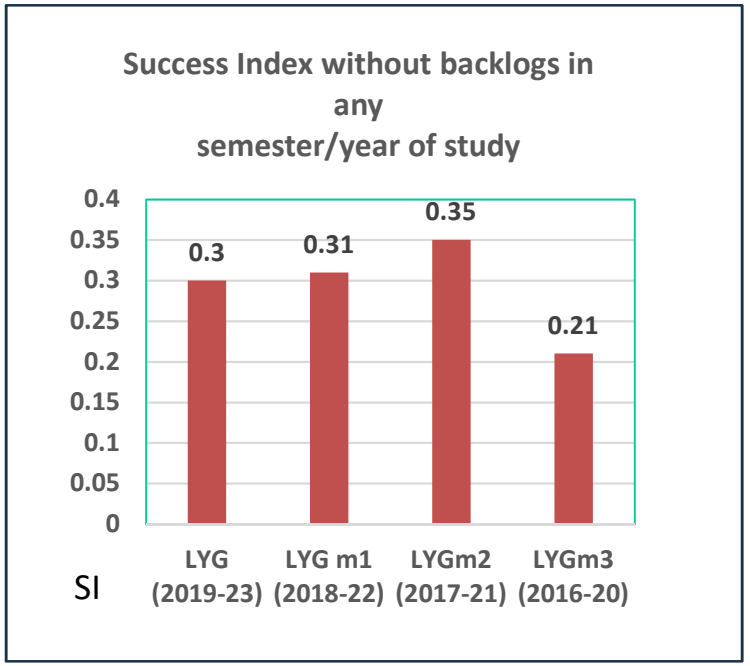
Average API [(AP1 + AP2 + AP3)/3]	4.96
Assessment [1.5 * Average API] :	7.44

9.2. *STUDENT PERFORMANCE POINTS*

Success rate without backlog in stipulated period

SI= (Number of students who graduated from the program without backlog in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable).

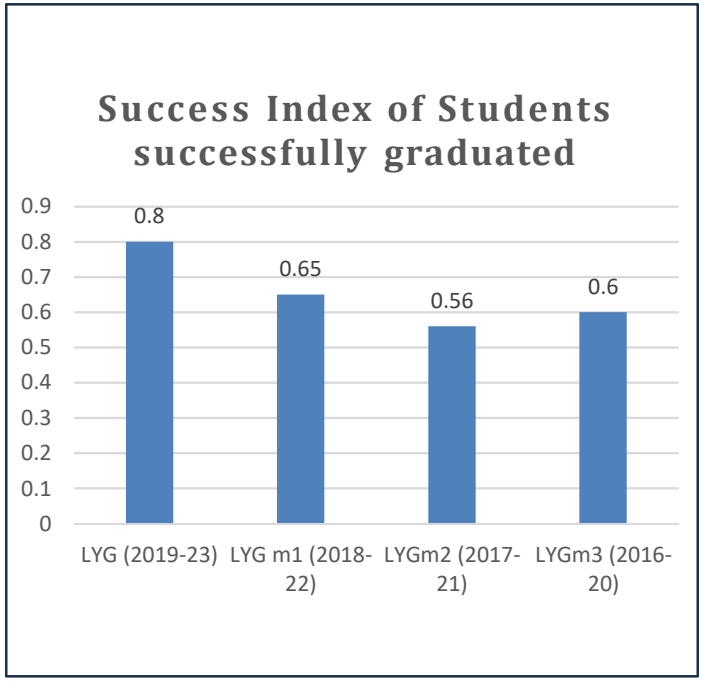
Item	Latest Year of Graduation, LYG (2019-23)	Latest Year of Graduation minus 1, LYGm1 (2018-22)	Latest Year of Graduation minus2, LYGm2 (2017-21)	Latest Year of Graduation minus3, LYGm3 (2016-20)
X: Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	284	260	241	250
Y: Number of students who have graduated without backlogs in the stipulated period	86	80	84	53
Success Index(SI) = Y/X	0.30	0.31	0.35	0.21
Average Success Index =(S1+S2+S3+S4)/4 = 0.29				
Assessment =[15*0.29]=4.35				



9.3. *STUDENT PERFORMANCE POINTS*

Success rate in stipulated period: Student Performance- Success rate with backlogs + without backlogs

Item	Latest Year of Graduation, LYG (2019-23)	Latest Year of Graduation minus1, LYGm1 (2018-22)	Latest Year of Graduation minus2, LYGm2 (2017-21)	Latest Year of Graduation minus3, LYGm3 (2016-20)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	284	260	241	250
Number of students who have graduated in the stipulated period	228	169	136	150
Success Index(SI)	0.80	0.65	0.56	0.6
Average Success Index = 0.65				
Success rate = 5X.65=3.25				

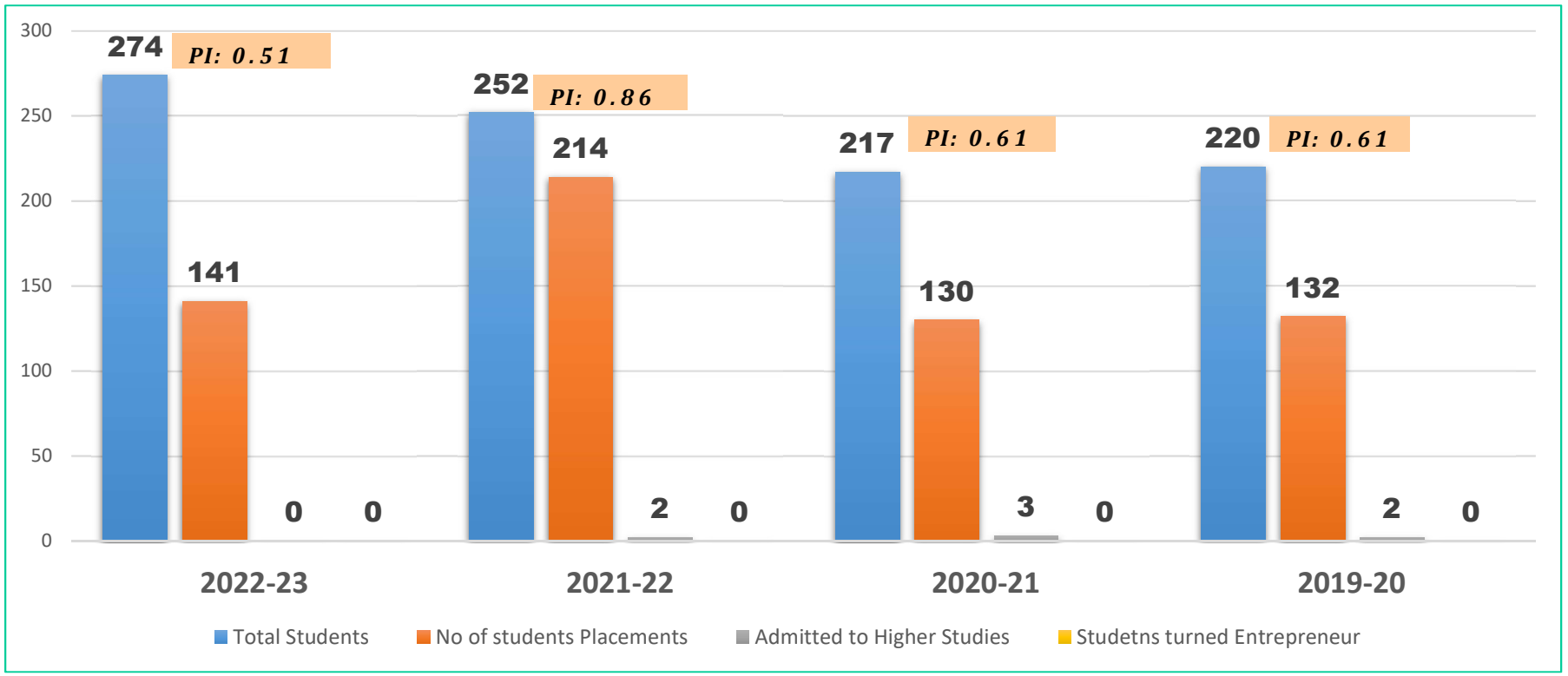


9.5. *STUDENT PERFORMANCE POINTS*

The Placement +Higher Studies+ Entrepreneurship ratio averaged for previous three academic years

The Placement +Higher Studies+ Entrepreneurship Ratio = Z/N ,Where,

Z =No. of students Placed + No. of students admitted for higher studies with valid qualifying scores in GATE or equivalent State or National Level Tests, GRE,GMAT + opted Entrepreneurship, N=No. of Students appeared in final year examination



RGM (AUTONOMOUS) NANDYAL, A.P.

10.1. FACILITIES AND TECHNICAL SUPPORT

PARTICULARS	FACILITIES
Class Rooms - 60	Glass Board, LCD Projector, LCD Screen
Laboratories - 85	Adequate and well equipped Laborites
Seminar Halls - 5	LCD Projectors, Systems with Wi-Fi / LAN and Public System
Auditorium - 2	200 seating capacity, Centralized AC, LCD Projector, Screen and Audio System
LIBRARY	Volumes: 74,131, Titles: 12,331, SC/ST Book Bank Volumes: 6,213, Back Volumes: 3,076, National Journals: 104, International Journals: 40
DIGITAL LIBRARY	IP based access throughout the campus E-Books: 34,38,000, E-Journals: 13,984 and Reputed Journals: IEEE-ASPP online, DENET, Taylor & Francis, J-Gate, NLIST of INFLIBNET and VODs, NPTEL and National Digital Library of India.
Conference halls - 2	Projectors, Wi-Fi / LAN
HR & GD Rooms	HR Panel Rooms:16 GD Rooms:06(with 20 Seating) with WiFi / LAN
Preview Theatre	45" LED TV, Wi-Fi / LAN, Projector, Audio Systems

ICT Infrastructure

Laptops: 25,
Projectors: 30
CC TV cameras: 341,
Wi-Fi Access Points: 55-High Capacity
Wi-Fi Access Points: 29 normal
Bio-Metric Machines: 35,
Smart Class Rooms: 37
Printers: 60
Reprographic Machines: 07

S.No.	DEPARTMENT	COST OF EQUIPMENT (Rs. In Lakhs)
1	Civil Engineering	**116.535**
2	Electrical & Electronics Engineering	**214.33**
3	Mechanical Engineering	**253.56**
4	Electronics & Communication Engineering	**331.96**
5	Computer Science & Engineering	**259.75**
6	MBA	**1.83**
7	English	**27.24**
8	Mathematics	**5.51**
9	Physics	**34.06**
10	Chemistry	**6.79**
	Total	**1251.57**

Annexure-27

10.2. FACILITIES AND TECHNICAL SUPPORT

- The institution has state of art infrastructure and instructional facilities
- Total number of class rooms: **37 Smart+10 Digital + 11 Class rooms.**
- Total number of labs : **85**
- The total cost of Equipment(All Dept.): **1251.57 Lakhs**
- Two or Three students are allowed to carry any experiment.
- Each department has its own computing facility with required system software and application software **(Total Systems on Campus:1096, Servers-15 and laptops=54)**
- Microsoft Campus agreement and Encouragement to adopt Open source software.
- Timely calibration where ever and when ever is required.
- All the laboratories have technicians to maintain the equipment and help the students during regular lab classes.
- Regular maintenance of labs are carried out.
- Budget is allocated for each dept. for major, minor and operation and maintenance.
- HODs are given financial autonomy (cheque power) for procurement of equipment. All precautions are taken to maintain the safety of equipment and students
- Each lab is equipped with First Aid Box/safety measures
- On line banking system with ATM facility, Post office, Transport , Gym- very good sports facilities

10.2. FACILITIES AND TECHNICAL SUPPORT **CENTRAL LIBRARY**

List of Books, Journals and Electronic Resources

S.NO	Branch	Titles	Volumes	National journals	International journals
1	E.C.E	1825	11998	29	09
2	E.E.E	1605	10024	22	07
3	C.S.E	3616	19765	23	22
4	M.E	1371	7250	30	07
5	Civil Engineering	1034	5783	30	07
6	M.B.A	810	6330	22	12
7	BASIC SCIENCES	1640	8241	19	---
8	SC BOOKS	410	4373	---	---
9	ST BOOKS	430	2171	---	---
	Total	12741	75935	175	64

- Timings from 8.00 AM to 8.00 PM
- 220 Seating Capacity
- LIBSYS LSEASE software and Barcode facility.
- Each student can borrow three books at any time.
- Individual Dept. libraries

Electronic Resources

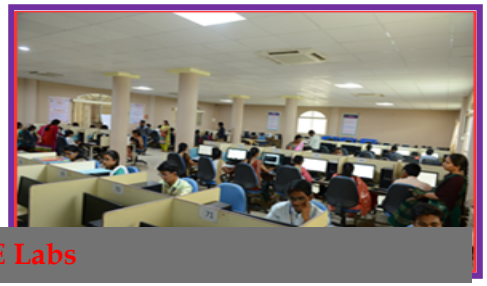
1. IEEE ASPP ONLINE IEEEXPLORE DIGITAL LIBRARY- 329 journals & magazines www.ieeexplore.ieee.org
2. INFLIBNET NLIST Digital Library from UGC – 8100 electronic journals & 34,38,000 electronic books www.nlist.inflibnet.ac.in
3. DELNET: 5,000+ Full-text E-journals, 10,966 free e-books in 709 categories and 1,00,000+ Thesis/Dissertations https://delnet.in/index.html
4. Knimbus an interface for all open access resources to global e-journal literature https://jntuaengg.knimbus.com/user#/home
5. VoD's from IIT Kharagpur through Intranet
6. NPTEL Video Lectures through Intranet
7. e-PG Pathshala; Video Lectures https://epgp.inflibnet.ac.in/Home/Download
8. National Digital Library of India www.ndl.iitkgp.ac.in/
9. e-PG Pathshala; Lecture Notes https://epgp.inflibnet.ac.in/Home/Download

Annexure-28


RGMCET-INFRASTRUCTURE

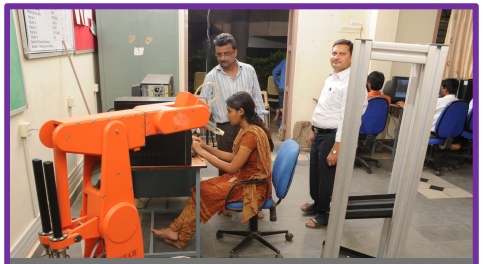
10.3. TECH SUPPORT FACILITIES- ICT INFRASTRUCTURE

CSE Labs



EEE Labs

Civil Engg. Labs



Mech. Engg. Labs

SIEMENS Labs

Digital Class Room

Galleries

Weather Station

Vehicle Stand

10.4. SUPPORTING INFRASTRUCTURE

Governance, Institutional Support and Financial Resources

Central Library

Hostels

GYM

Play Fields

Quarters

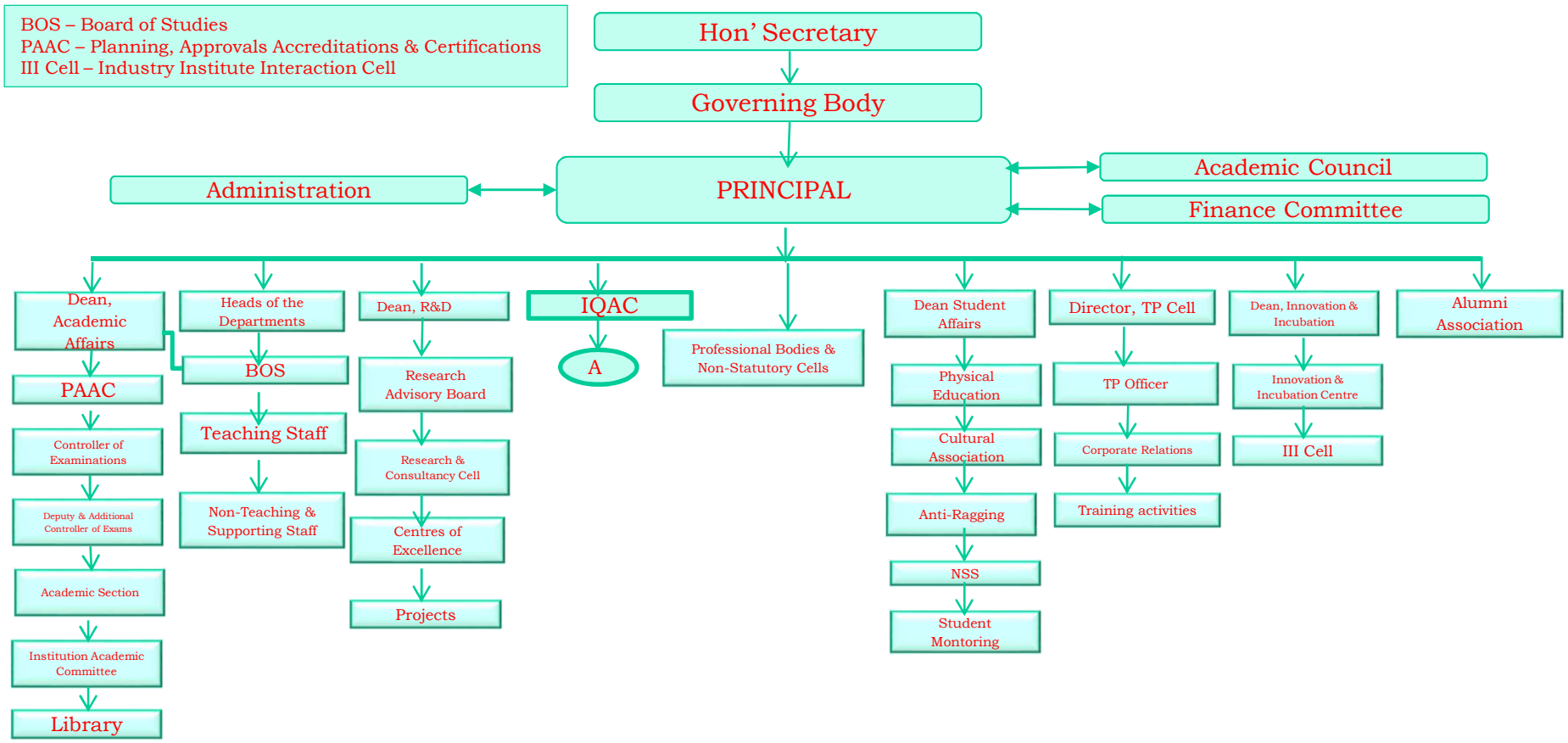
Xerox

Water Plant

Post Office

Bank Building

11.1. Governance, Institutional Support and Financial Resources - *ORGANIZATIONAL STRUCTURE*



11.2. GOVERNING BODY

The Institute has clearly defined organizational hierarchy and structure to support decision making process.

- Established four statutory bodies to provide policy framework and direction for the functioning of the institute.

S. No	Name of the Person	Member	Designation
1	Dr. M. Santhiramudu	Nominee of the Sponsoring Society	Chairman
2	Sri. M. Siva Ram	Nominee of the Sponsoring Society	Member
3	Sri. M. Raghu Ram	Nominee of the Sponsoring Society	Member
4	Dr. M. Madhavi Latha	Nominee of the Sponsoring Society	Member
5	Smt. M. Ramanamma	Nominee of the Sponsoring Society	Member
6	Dr. Bhuvan S Parekh, Faculty of Tech. & Engg, The Maharaja Sayajirao University of Baroda, Baroda-390001,Gujarat	Nominee of UGC	Member
7	Dr. G. Prasanthi, Prof. of Mech. Engg, JNTUCEA, Ananthapuramu	Nominee of State Govt., A.P.	Member
8	Dr. R. Kiranmayi, Professor of EEE & Director, Foreign Affairs & Alumni Matters, JNTUA, Ananthapuramu	Nominee of JNTU Anantapur	Member
9	Dr.K.Lakshmi Narayana, (Retd. IAS)	Member Management Nominee	Member
10	Dr. D.VLN Somayajulu, Director, IIITDM, Kurnool	Member Management Nominee	Member
11	Dr. G. Pardha Sardhi Varma	Educationalist	Member
12	Dr. A. Lavanam	Industrialist	Member
13	Dr. M.V.Subramanyam	RGMCET Faculty	Member
14	Dr. D.V.Ashok kumar	RGMCET Faculty	Member
15	Dr. B.B. Prahalada Rao	RGMCET Faculty	Member
16	Dr. G. Sreenivasulu	RGMCET Faculty	Member
17	Dr. T. Jayachandra Prasad	Principal, RGMCET, NDL	Member (Ex-Officio)

11.3. Various Committees

➢ Academic Council	➢ Central Purchase Committee
➢ Board of studies	➢ Library Committee
➢ Strategic Planning Committee	➢ Building & Works Committee
➢ Standing Committee	➢ Institutional Development Committee
➢ Planning and Evaluation Committee	➢ Disciplinary Committee
➢ Finance Committee	➢ Students Affairs Committee
➢ Admission Committee	➢ Anti -Sexual Harassment Committee
➢ Examination Committee	➢ Campus Maintenance Committee
➢ Anti-Ragging Committee	➢ Maintenance Of Labs & Equipment Committee
➢ Academic Quality Assurance Committee/ Academic Audit Committee	➢ Maintenance Of Play Fields Committee
	➢ Training & Placement Cell
➢ Grievance Committee	➢ Entrepreneurship Cell
➢ Purchase Committee	➢ Transport Committee

11.4. FINANCIAL RESOURCES

SELF-FINANCED INSTITUTION , Major Sources of Revenue: **Tuition Fees**

DELEGATION OF FINANCIAL POWERS :

- Financial powers delegated to the Principal, Heads of Departments.
- Separate bank accounts to PRINCIPAL / HODs and Coordinators / section heads
- Rs. 50000/-to -Principal , HODs have financial power up to Rs. 10000/-

ADEQUACY OF BUDGET ALLOCATION

- Regular Budget meeting every year in Feb/March, Budget for recurring , non recurring and various heads based on priority.
- Management will allocate the funds on the recommendation of Principal and management usually concedes to 97 % to 98%. Separate budget to each program which will be adequate over the assessment year.
- Any un-fore seen special requirements are taken to management for allocation of funding.

UTILIZATION OF ALLOCATED FUNDS

- Freedom to utilize the Budget as per their requirements by HODs.
- Miscellaneous expenses are at the discretion of HODS.
- 100% of budget has been utilized. over the last In addition special allocations have been sought by the department which has been approved based on availability of funds.

11.5. Budget Allocation and Utilization (for the Last Three years)

S.No	Items	Budget in CFY 2022-23 (Rs.)	Actual Expenses in CFY 2022-23 (Rs.)	Budget in CFY 2021-22 (Rs.)	Actual Expenses in CFY 2021-22 (Rs.)	Budget in CFY 2020-21 (Rs.)	Actual Expenses in CFY 2020-21 (Rs.)
I	Infra Structure Built-Up	4,00,00,000	3,85,01,449	3,38,00,000	3,58,30,474	1,35,00,000	1,30,26,993
II	Library	15,00,000	15,74,340	15,00,000	19,75,489	13,00,000	10,08,031
III	Laboratory Equipment	1,40,00,000	1,36,71,642	1,55,00,000	1,56,40,088	1,65,00,000	1,66,04,648
IV	Laboratory Consumables	8,00,000	3,62,110	8,00,000	5,98,893	8,00,000	6,01,759
V	Teaching & Non-Teaching Staff Salary	23,00,00,000	22,36,83,561	24,00,00,000	23,37,24,090	24,00,00,000	23,36,32,439
VI	Maintenance & Spares	7,72,00,000	7,62,39,046	6,70,00,000	6,69,32,838	4,84,00,000	4,80,46,574
VIII	Research and Development (R&D)	10,00,000	8,52,000	5,00,000	3,89,452	10,00,000	21,46,761
IX	Training and Travel	2,61,00,000	2,84,91,496	1,56,00,000	1,02,00,720	1,01,00,000	1,29,41,204
X	Others, Specify	3,20,70,000	2,94,14,380	4,65,50,000	4,13,11,401	3,67,19,100	3,66,52,998

Annexure-29

11.6. INSTITUTION BUDGET DETAILS

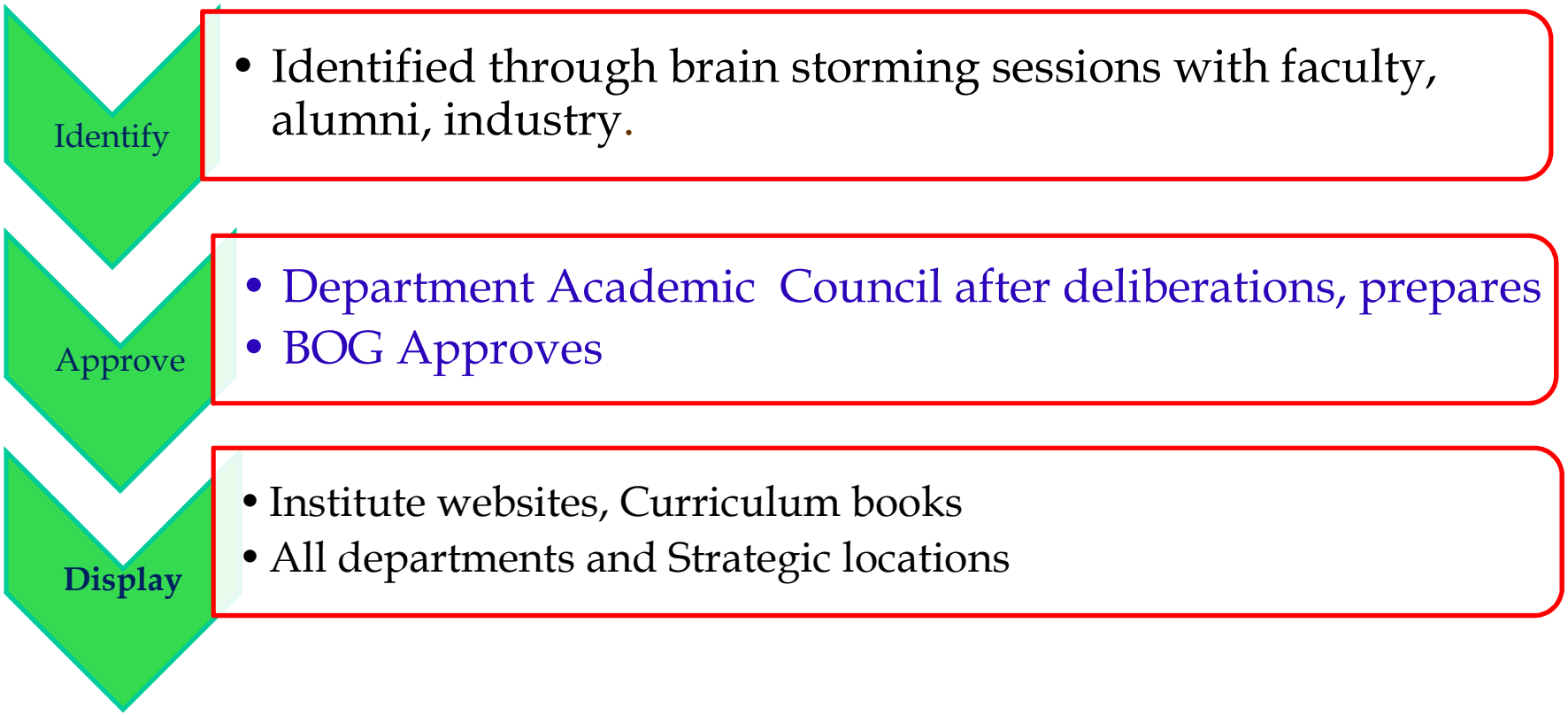
Total Income in CFY **2022-2023** **404605858**				Actual Expenditure in CFY **2022-2023** **412790023**			Total No. of Students in CFY : **3962**
FEE (Rs)	Govt. (Rs.)	Grant (S) (Rs.)	Other Sources (Rs.)	Recurring Including Salaries (Rs.)	Non-Recurring (Rs.)	Special Projects /any other, Specify (Rs.)	Expenditure Per Student (Rs.)
291023672	***00***	***00***	***113582186***	***358019298***	***53918725***	***852000***	***104187.28***

Total Income in CFY **2021-2022** **378444465**				Actual Expenditure in CFY **2021-2022** **406603445**			Total No. of Students in CFY: **3684**
FEE (Rs)	Govt. (Rs.)	Grant (S) (Rs)	Other Sources (Rs)	Recurring Including Salaries (Rs.)	Non-Recurring (Rs.)	Special Projects /any other, Specify (Rs.)	Expenditure Per Student (Rs.)
299611000	**00**	**1968938**	**76864527**	**343373937**	**62840056**	**389452**	**110370.10**

Total Income in CFY **2020-21** **348627504**				Actual Expenditure in CFY **2020-21** **369961407**			Total No. of Students in CFY: **3663**
FEE (Rs)	Govt. (Rs.)	Grant (S) (Rs)	Other Sources (Rs)	Recurring Including Salaries (Rs.)	Non-Recurring (Rs.)	Special Projects /any other, Specify (Rs.)	Expenditure Per Student (Rs.)
258396375	**00**	**3787219**	**86443910**	**337052826**	**30761820**	**2146761**	**100999.57**

Total Income in CFY **2019-20** **395323672**				Actual Expenditure in CFY **2017-18** **391826372**			Total No. of Students in CFY : **3475**
FEE (Rs)	Govt. (Rs.)	Grant (S) (Rs)	Other Sources (Rs)	Recurring Including Salaries (Rs.)	Non-Recurring (Rs.)	Special Projects /any other, Specify (Rs.)	Expenditure Per Student (Rs.)
272158490	**00**	**5727398**	**117437784**	**355502257**	**33156061**	**3168054**	**112755.79**

12.1. PROCESS OF DEFINING VISION AND MISSION



Vision of the Institution:

- To develop this rural based engineering college into an institute of technical education with global standards.
- To become an institute of excellence which contributes to the needs of society
- To inculcate value based education with noble goal of "Education for peace and progress"

Mission of the Institution:

- To build a world class undergraduate program with all required infrastructure that provides strong theoretical knowledge supplemented by the state of art skills.
- To establish postgraduate programs in basic and cutting edge technologies.
- To create conducive ambiance to induce and nurture research
- To turn young graduates to success oriented entrepreneurs
- To develop linkage with industries to have strong industry institute interaction
- To offer demand driven courses to meet the needs of the industry and society
- To inculcate human values and ethos into the education system for an all-round development of students.

12.3. PROGRAM EDUCATIONAL OBJECTIVES

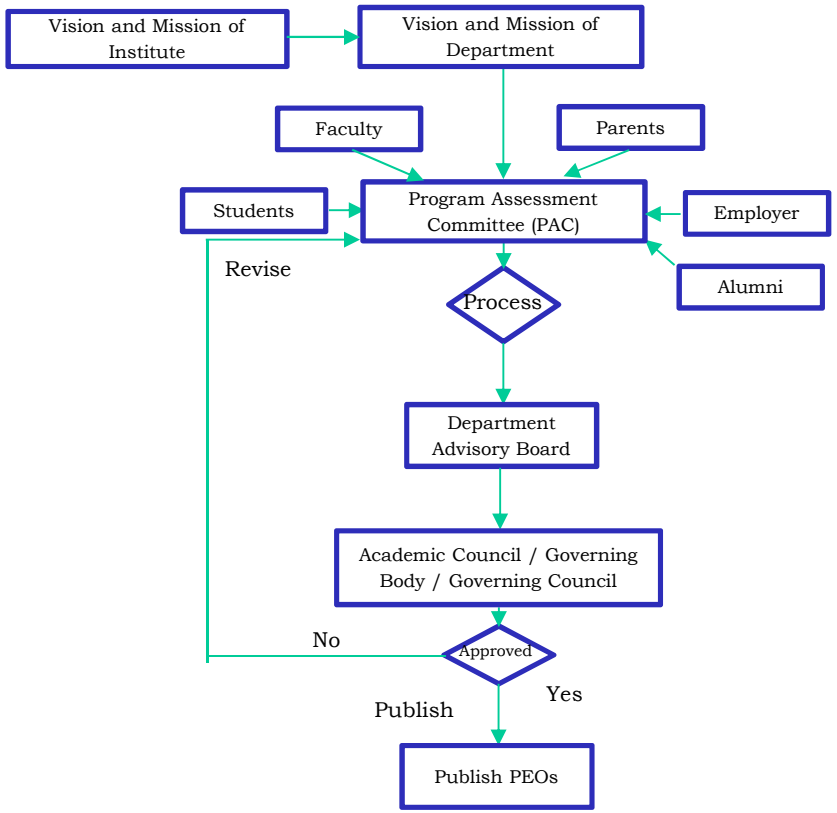
Vision, Mission and Program Educational Objectives (Process – formulation & Attainment)

12. 4. PROCEDURE FOR ESTABLISHING PEOs

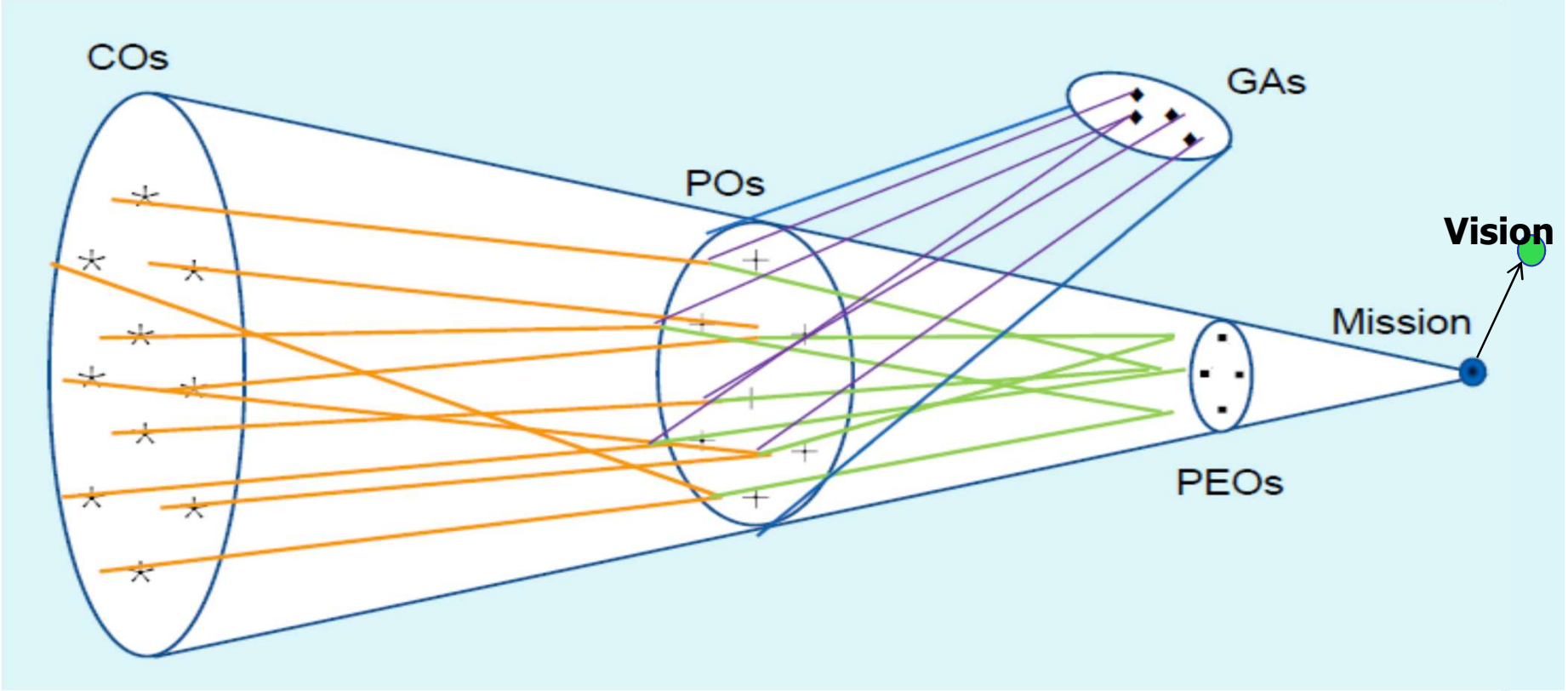
Vision, Mission and Program Educational Objectives (Process – formulation & Attainment)

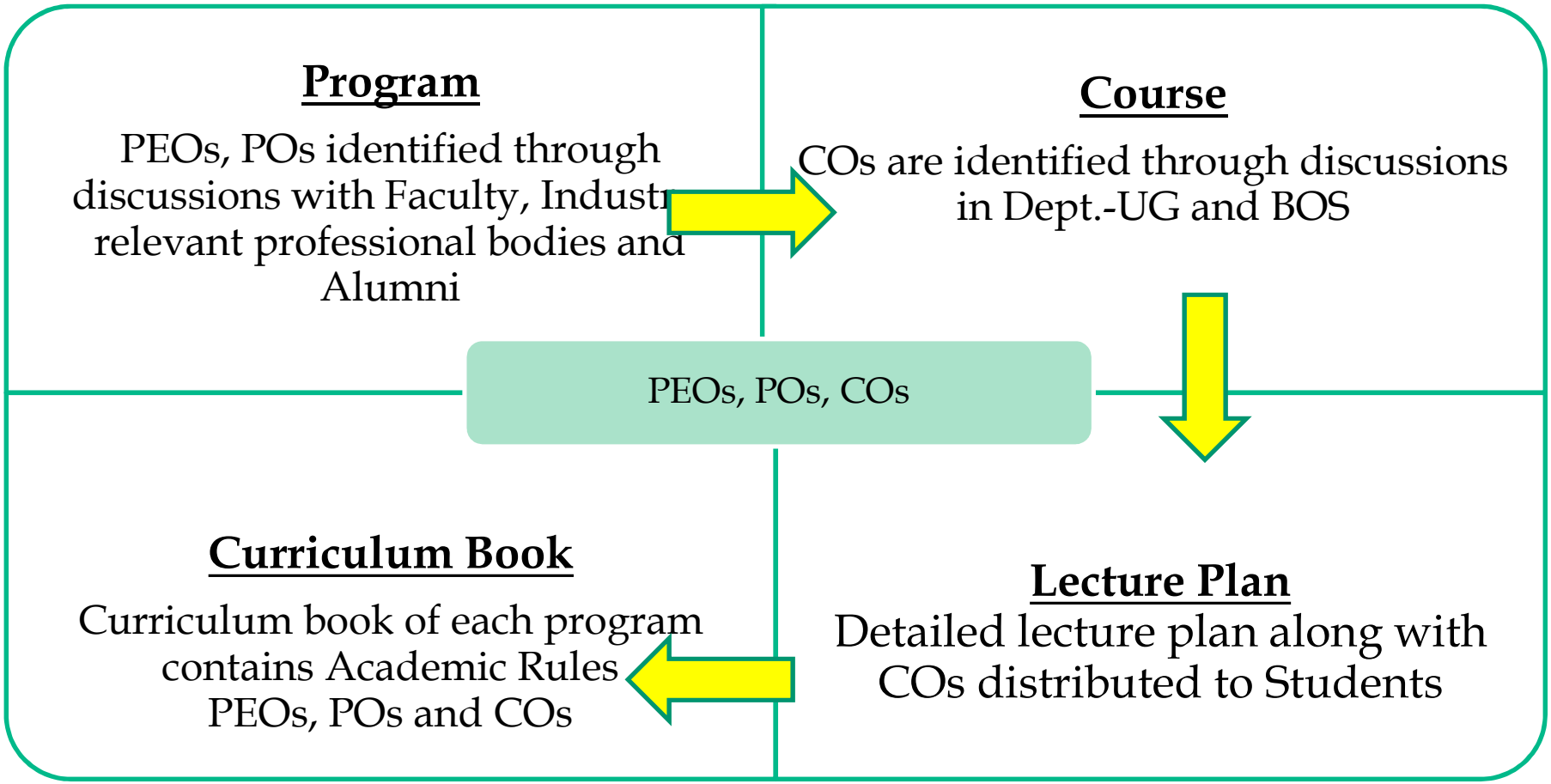
The Program Education Objectives **(PEO)** are established through a consultation process involving the core stake holders such as **Internal and External Stake Holders**.

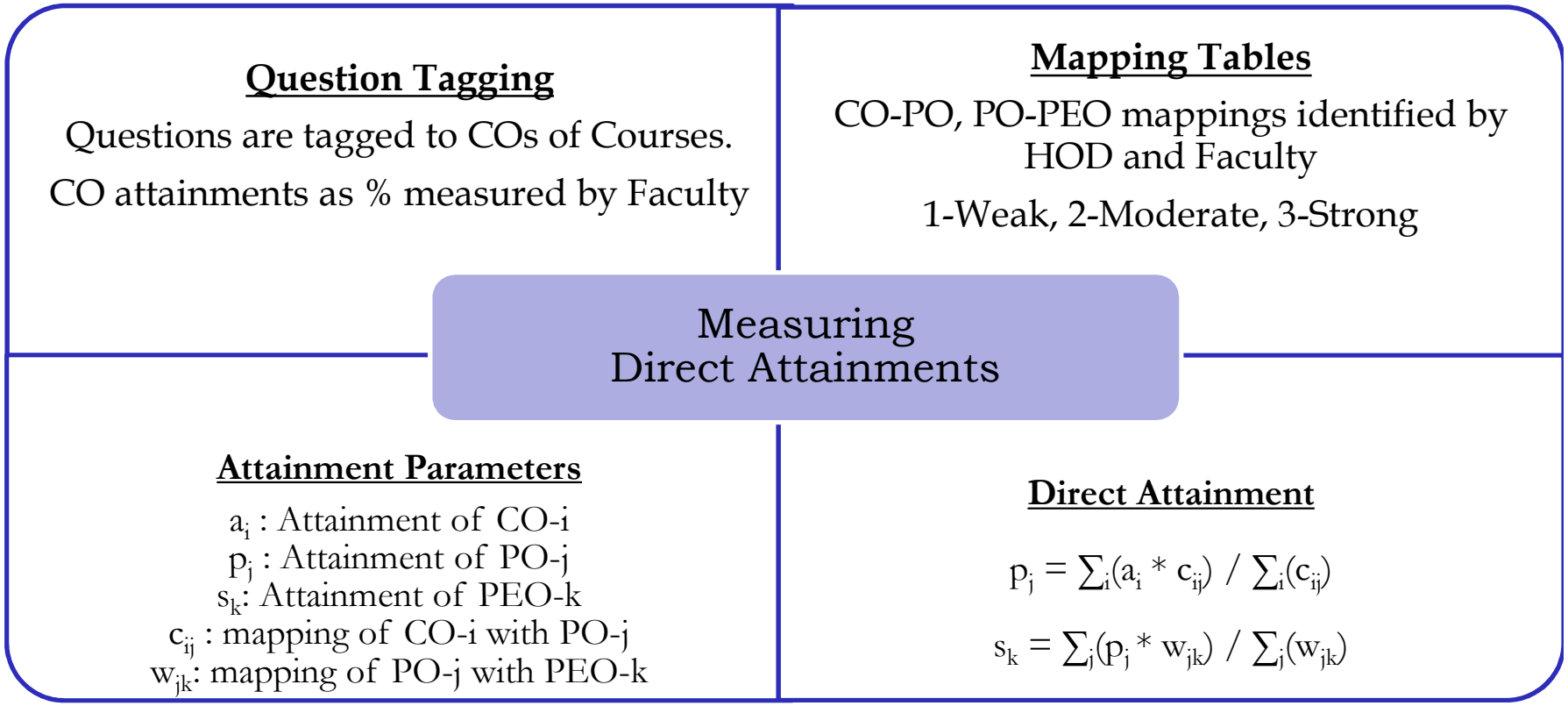
- Internal stake holders consists of **students, Faculty and Supporting staff, Academic Council / Governing Body** and External stake holders include **Alumni**, **Employers** and **parents**. The process of establishing PEOs are shown in Figure
- Vision and Mission of the institute and department are taken into an account.
- The respective department program coordinator collects views of the all stakeholders. Based on the views from the stakeholder's **Program Assessment Committee** (PAC) defines some tentative PEOs and forward to **Departmental Advisory Board** (DAB) for further refinement.
- Approved PEOs are discussed in Board of Studies meeting and then forward to Academic council for approval.
- Finally, approved PEOs are published and inform to all the stakeholders for their reference.



Vision, Mission and Program Educational Objectives (Process – formulation & Attainment)




Program
PEOs, POs identified through discussions with Faculty, Industr relevant professional bodies and Alumni
Course
COs are identified through discussions in Dept.-UG and BOS
PEOs, POs, COs
Curriculum Book
Curriculum book of each program contains Academic Rules PEOs, POs and COs
Lecture Plan
Detailed lecture plan along with COs distributed to Students


Question Tagging
Questions are tagged to COs of Courses.
CO attainments as % measured by Faculty
Mapping Tables
CO-PO, PO-PEO mappings identified by HOD and Faculty
1-Weak, 2-Moderate, 3-Strong
Measuring Direct Attainments
Attainment Parameters
a_i : Attainment of CO-i
p_j : Attainment of PO-j
s_k: Attainment of PEO-k
c_{ij} : mapping of CO-i with PO-j
w_{jk}: mapping of PO-j with PEO-k
Direct Attainment
$p_j = \sum_i(a_i * c_{ij}) / \sum_i(c_{ij})$
$s_k = \sum_j(p_j * w_{jk}) / \sum_j(w_{jk})$

IMPLEMENTATION

CO attainments as inputs and PO and PEO attainments are estimated

CO Attainment

- Teachers enter CO attainments of their subject.

PO, PEO Attainment

- HOD enters CO-PO table and PO-PEO-PSO tables.
- Computes PO and PEO attainments for each program

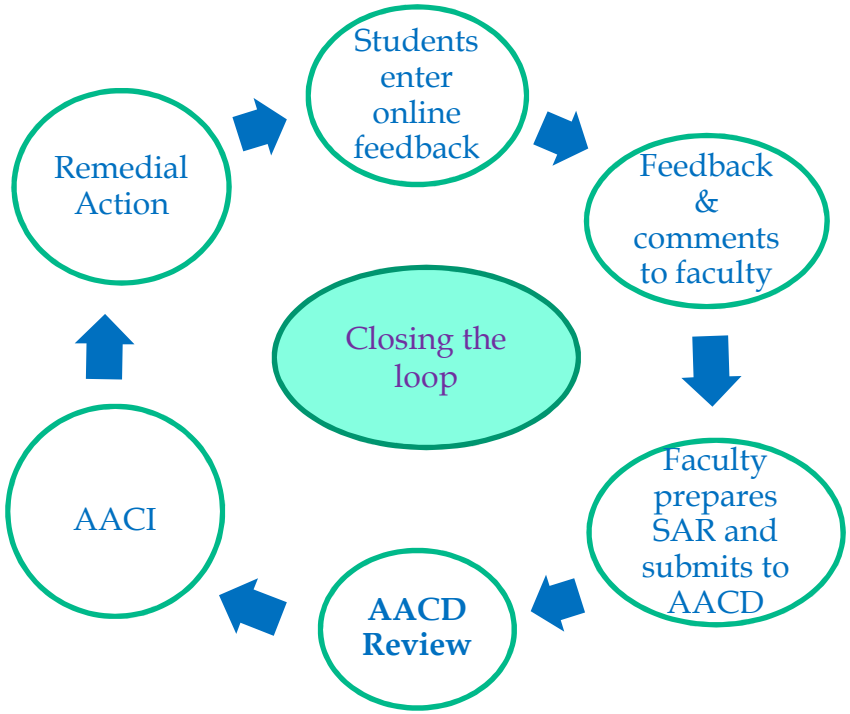
Correction

- The attainments of POs and PEOs computed as above are expected to be 10-15% higher than the relative grades in view of abosolute grading.

INDIRECT ASSESSMENT

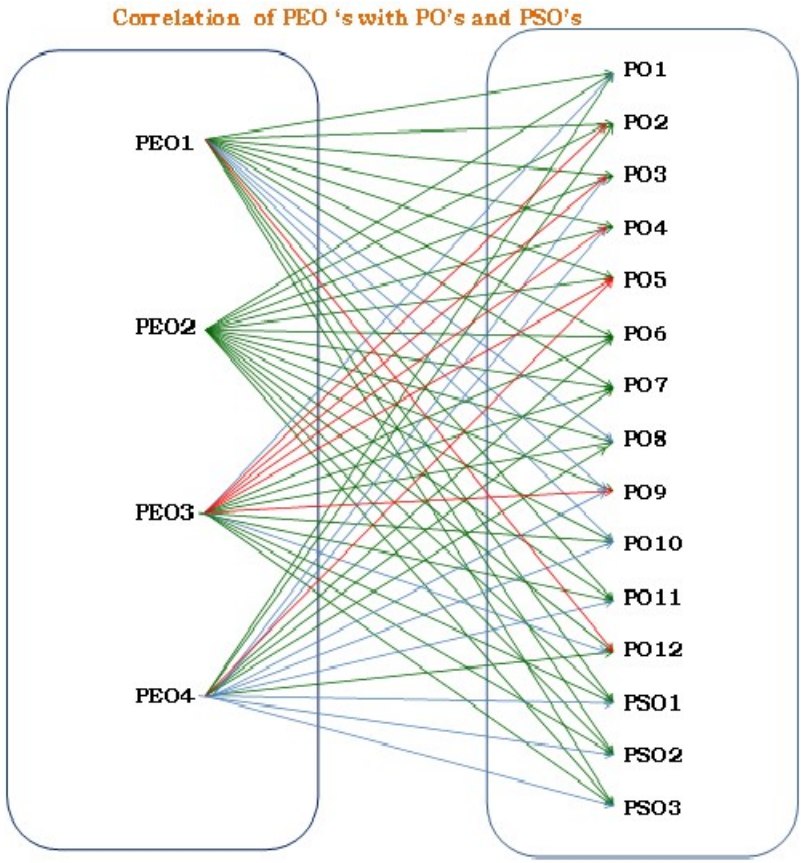
Indirect attainment of POs and PEOs are mainly measured through feedback obtained by out going students, alumni and employers and Industry and Professional societies.

Based on the feedback received, Dept. Academic Committee prepares a mapping table (on a scale of 0,1,2,3) of exit feedback questions Vs POs. of the program.



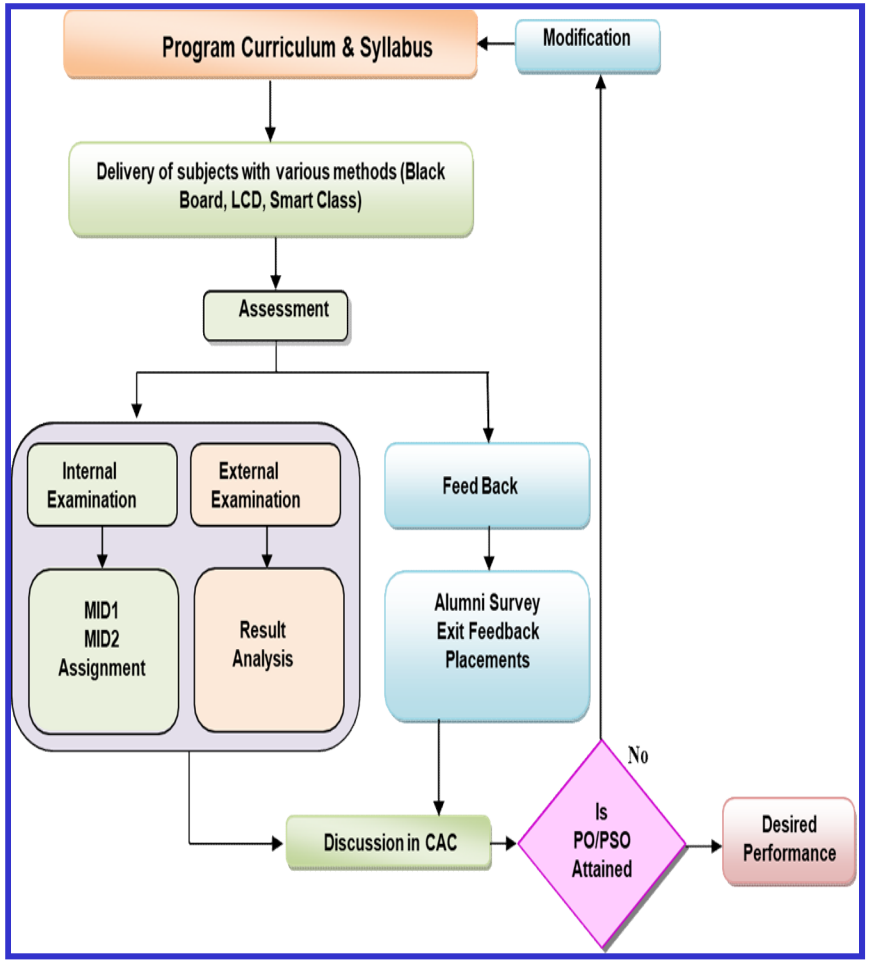
DIRECT METHODS	INDIRECT METHODS
➢ Paper Presentations ➢ Workshop (in college and outside) ➢ Publications ➢ Extracurricular Activities ➢ Campus Placements ➢ Off Campus Placements ➢ Higher Studies	➢ GATE/GRE Scores ➢ Program Exit Survey ➢ Alumni Survey ➢ Professional Societies feedback ➢ Industry feedback ➢ Employers' feedback

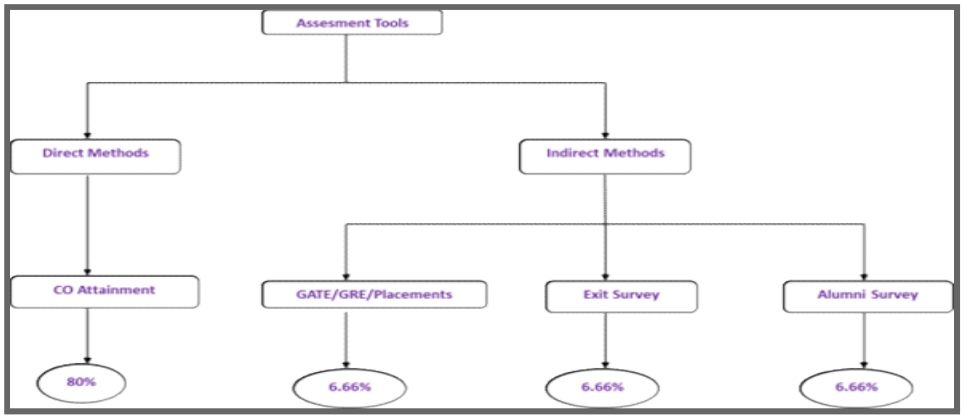
Correlation of PEO's with PSO's & PO's

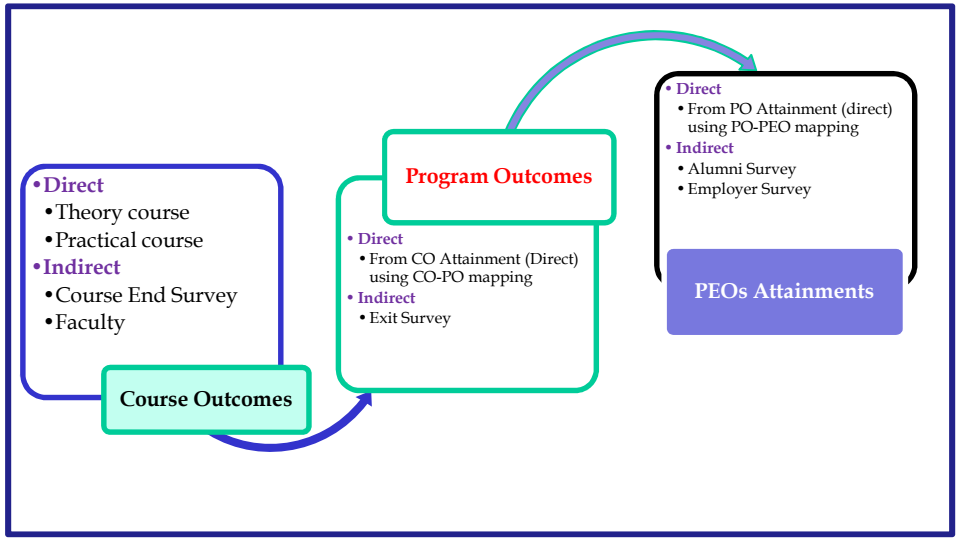


Rating	Description	Colour indication
1	Low	Red
2	Moderate	Blue
3	High	Green

PEOs ASSESSMENT TOOLS AND WEIGHTAGES







Program Outcomes

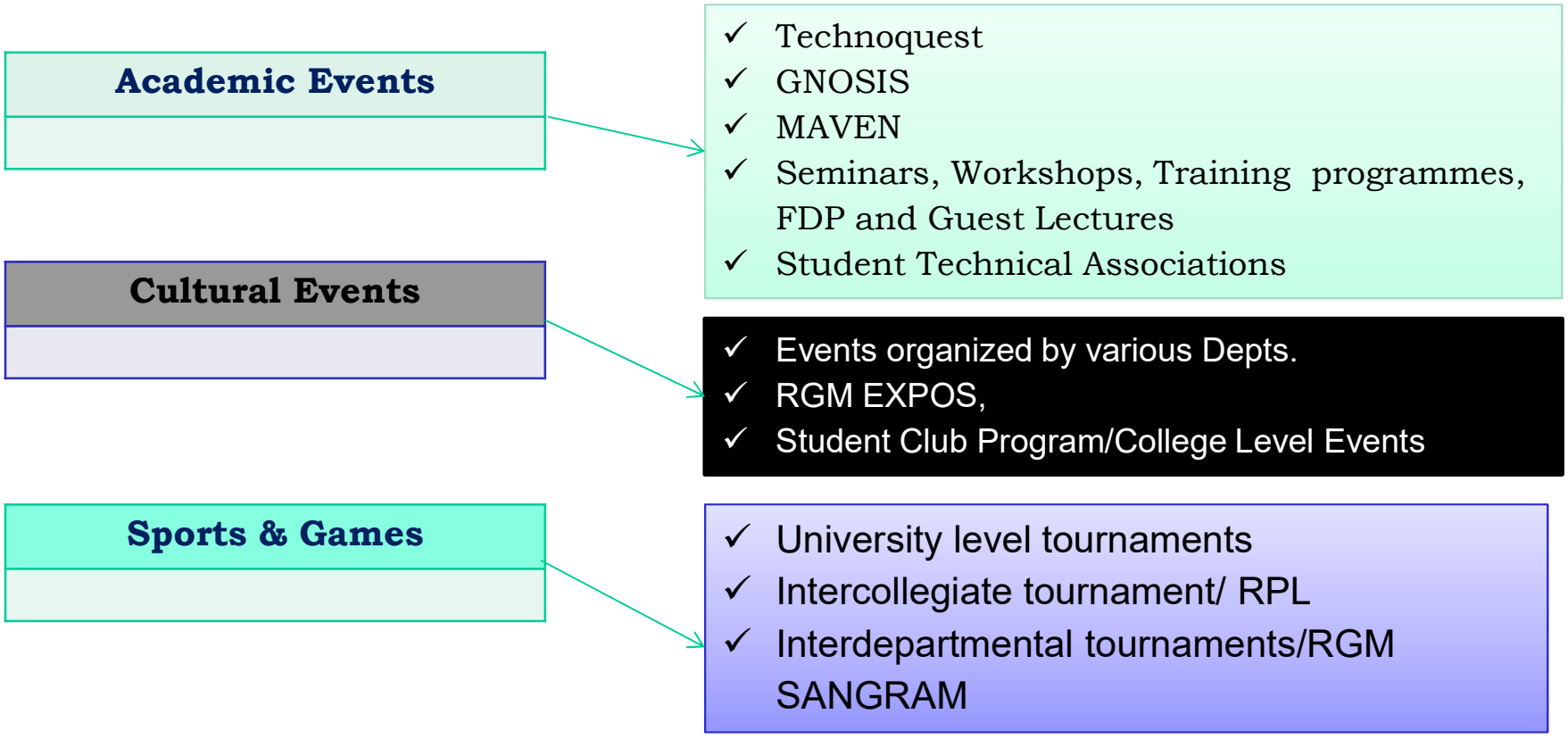
Program Outcomes		
PO1	Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Problem analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design/development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
PO5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations
PO6	The engineer and society:	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Environment and sustainability	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and team work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project management and finance	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments
PO12	Life-long learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Objectives	
PSO1	Capability to investigate, plan, analyze and design buildings for different purposes such as residential, commercial, public office, recreational etc. using STAAD Pro and relevant software.
PSO2	Competency in preliminary engineering surveys, planning and design of infrastructure viz. roads, bridges and designing traffic control systems etc. using Mx-Roads and other relevant software programs.
PSO3	Conduct field and laboratory tests for analysis and quality control of Civil Engineering projects.

Program Educational Objectives

- Assessing societal needs and plan suitable infrastructure
- Excel in Civil Engineering and in other allied fields
- Develop team spirit and inter personal dynamics for effective execution and management of projects.
- Adhering to lifelong learning and adapt to changing professional and societal needs.

ANNUAL EVENTS



FUTURE PLANS

1. Faculty Qualification improvements-Encouraging faculty to register for Ph.D. , Recruiting the faculty with Ph.D. and collaboration with premier institutes
2. MoU's With Foreign Universities: Focus on student mobility, faculty exchange and research activities
3. Industry Driven Laboratories: To bridge the gap between industry and academia, industry driven laboratories are to be established by industries to give practical knowledge to the students and faculty
4. RGM Deemed to be University - Developing the infrastructure, establishing excellence centers, improving the number of courses and encouraging the research

We request esteemed Members of NBA Expert Team to kindly consider our case favorably for the Grant of Accreditation

Thank You Sir