



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently affiliated with VTU, approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, accredited by NBA



23rd

GOVERNING COUNCIL MEETING MINUTES OF MEETING

10th January 2026



GOVERNING COUNCIL MEETING - 23rd Meeting

Date: 10th Jan 2026

Semester: Odd Semester AY 2025-26

Purpose: Even Semester Preparation & Conclusion of Odd Sem 2025-26

Venue: Conference Room, NHCE & Online

Time: 10: 30 AM

Members Present

Sl. No.	Name	Designation Representation /	Role in GC
1	Dr. Mohan Manghnani	Managing Trustee & Chairman	Chairman
2	Mr. Dharmesh Manghnani	President-NHEI	Member
3	Dr. L Ravi Kumar	Professor & Vice Principal, B.M.S. College of Engineering (BMSCE) Bengaluru	Member
4	Dr. Shanmukha Nagaraj	Professor & Member Secretary, IQAC and HoD Mechanical Eng, RV College of Engineering, Bengaluru	Member
5	Dr. R Bodhisatvan	Principal- NHC(M)	Member
6	Mr. H N Surya Prakash	Registrar	Member
7	Mr. Pradeep Kote	Sr. Director - HRD	Member
8	Dr. Anitha Rai	Director- Library & Alumni Relations	Member
9	Dr. R J Anandhi	Dean-Academics	Member
10	Dr. Revathi V	Dean R&D	Member
11	Dr. Vijilius H Raj	Controller Of Examinations	Member
12	VTU Nominee	University Nominee	Member
13	AICTE Nominee	Council (AICTE) Nominee	Member
14	DTE Nominee	State Government Nominee	Member
15	Dr. Manjunatha	Principal	Member Secretary



23rd Governing Council Meeting

AGENDA

Section I - Reading and Recording Item

1. Review and approval of Minutes of previous GCM (22nd Governing Council Meeting held on 12.02.2025)

Section II - Approval Items

1. Action Taken Report on the 22nd Governing Council Meeting held on 12.02.2025
2. Approval of Scheme of Study for BE Programs for AY 2025-26 Even Sem
3. Approval of Renovation and Infrastructure allotment for AY 2025-26 Even Sem
4. Approval for the Calendar of Events for AY 2025-26 Even Sem

Section III - Information Item

1. Review on NBA & NAAC Accreditation status
2. Review on R&D activities AY 2025-26 Odd Sem
3. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26 Odd Sem
4. Review on Faculty enrolled for workshops/ seminars, MOOC, in-house and external Conferences, Seminars conducted
5. Review on New Horizon Council for Innovation Incubation & Entrepreneurship activities and progress (NHCIIE) AY 2025-26 Odd Sem
6. Report on Sports Achievements AY 2025-26 Odd Sem
7. Report on Co-Curricular Activities AY 2025-26 Odd Sem
8. Report on Extra- Curricular Activities AY 2025-26 Odd Sem
9. Report on Alumni Association Activities AY 2025-26 Odd Sem
10. Report on UG/Pg Graduation Day 2025
11. Strategic Plan NIRF 2026

Any Other points – Suggestions/Feedback with the permission of the chair



NEW HORIZON COLLEGE OF ENGINEERING

23rd Governing Council Meeting Attendance

Date: 10th January 2026

Venue: Conference Room

S.NO	Attendees	Members of Governing Council	Signature
1	Dr. Mohan Manghnani	Chairman	ONLINE
2	Mr. Dharmesh Manghnani	Member	ONLINE
3	Dr. L Ravi Kumar	Member	ONLINE
4	Dr. Shanmukha Nagaraj	Member	
5	Dr. R Bodhisatvan	Member	ONLINE
6	Mr. H N Surya Prakash	Member	ANS Prakash
7	Mr. Pradeep Kote	Member	
8	Dr. Anitha Rai	Member	
9	Dr. R J Anandhi	Member	Anandhi 10/1/26
10	Dr. Revathi V	Member	Online
11	Dr. Vijilius H Raj	Member	
12	Dr. Manjunatha	Member Secretary	Manjunatha

Principal

Minutes of Meeting (MoM)

SECTION I – READING AND RECORDING ITEM

I.1 Review and approval of Minutes of previous GCM (22nd Governing Council Meeting held on 12.02.2025)

The Member Secretary presented the minutes of the previous Governing Council Meeting.

The Council reviewed the document and approved it without modifications.

Resolution: Minutes of the previous meeting were approved unanimously.

SECTION II – APPROVAL ITEMS

II.1 Action Taken Report on the 22th Governing Council Meeting held on 12.02.2054

The Action Taken Report (ATR) was presented highlighting completed tasks related to academic operations, infrastructure, staffing, and accreditation activities.

The Council expressed satisfaction with compliance.

Resolution: ATR approved.

II.2 Approval of Scheme of Study for UG & PG Programs for AY 2025–26 (Even Semester)

The revised Schemes of Study for:

- UG Programs (2nd, 4th, 6th & 8th Semesters)
- PG Programs (M.Tech, MCA & MBA)

were presented, aligned with NEP-2020, VTU guidelines, and industry requirements, including mandatory internship provisions.

Resolution:

The Governing Council approved the Scheme of Study for all UG and PG programs for AY 2025–26 (Even Semester).

II.3 Approval of Renovation and Infrastructure Allotment for AY 2025–26

The proposed renovation works and infrastructure upgrades were presented with budgetary details.

Resolution:

The Governing Council approved the renovation and infrastructure allotment as proposed.

II.4 Approval for the Calendar of Events for AY 2025–26 (Even Semester)

The academic calendar including commencement dates, examinations, holidays, and institutional events was presented.

Resolution:

The Calendar of Events for AY 2025–26 (Even Semester) was approved for circulation and implementation.

SECTION III – INFORMATION ITEMS

III.1 Review on NBA & NAAC Accreditation Status

The Council reviewed the NBA and NAAC compliance status and documentation progress.

Observation: Good progress and sustained compliance.

III.2 Review on R&D Activities AY 2025–26

Details of publications, citations, patents, funded projects, IIC activities, and IDEA Lab initiatives were presented.

Action: Encourage external funding proposals and interdisciplinary research.

III.3 Review on Placement Status, Centres of Excellence & Skill Enhancement

Placement statistics, internships, CoE activities, and MoUs were reviewed.

Action: Strengthen core engineering skills and industry-mentored projects.

III.4 Review on Faculty Development Activities

Faculty participation in FDPs, MOOCs, workshops, and conferences was noted.

Action: Continue structured faculty development plans.

III.5 Review on NHCIIE Activities AY 2025-26

Startup incubation, hackathons, student innovation, and entrepreneurship activities were reviewed.

Action: Expand mentoring and pre-incubation support.

III.6 Report on Sports Achievements AY 2025-26

Student achievements at VTU, Inter-University, and National levels were appreciated.

III.7 Report on Co-Curricular Activities AY 2025-26

The Council noted the activities conducted during the Odd Semester.

III.8 Report on Extra-Curricular Activities AY 2025-26

The report was noted.

III.9 Report on Alumni Association Activities AY 2025-26

Alumni engagement and reputation-building initiatives were appreciated.

III.10 Report on UG & PG Graduation Day 2025

Successful conduct of UG and PG Graduation Day ceremonies was noted.

III.11 Feedback Mechanism

Semester-wise feedback collection and corrective actions were reviewed.

III.12 NIRF Strategic Plan 2026

The strategic roadmap for improving NIRF ranking was reviewed and endorsed.

OTHER POINTS DISCUSSED – Suggestions/ Feedback

Members suggested improvements in academic monitoring, campus digitalization, student counselling systems, and faculty research incentives.

MEETING CONCLUSION

The Chairperson thanked all members for their valuable inputs and cooperation.
The meeting concluded with approval of all agenda items.



Annexure

Section I - Reading and Recording Item

1. Review and approval of Minutes of previous GCM (22nd Governing Council Meeting held on 12.02.2025)
2. Action Taken Report on the 22nd Governing Council Meeting held on 12.02.2025

Section II - Approval Items

3. Approval of Scheme of Study for BE Programs for AY 2025-26 Even Sem
4. Approval of Renovation and Infrastructure allotment for AY 2025-26-Even Semester
5. Approval for the Calendar of Events for AY 2025-26-Even Semester



Annexure

Section III - Information Item

6. Review on NBA & NAAC Accreditation status
7. Review on R&D activities AY 2025-26
8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26
9. Review on Faculty enrolled for workshops/ seminars, MOOC, in-house and external Conferences, Seminars conducted
10. Review on New Horizon Council for Innovation Incubation & Entrepreneurship activities and progress (NHCIIE) AY 2025-26



Annexure

Section III - Information Item

11. Report on Sports Achievements AY 2025-26 Odd Sem
12. Report on Co-Curricular Activities AY 2025-26 Odd Sem
13. Report on Extra- Curricular Activities AY 2025-26 Odd Sem
14. Report on Alumni Association Activities AY 2025-26 Odd Sem
15. Report on UG/PG Graduation Day 2025
16. Feedback Mechanism
17. NIRF Ranking Strategic Plan 2026
18. Any other point with the permission of the Chair.



2. Action Taken Report on the 22nd Governing Council Meeting held on 12.02.2025

Section I – Reading & Recording Item

Agenda Item	Decision in 22nd GCM	Action Taken	Status
Review and approval of Minutes of previous GCM (21st GC Meeting held on 17.10.2024)	Minutes were approved without modification	Circulated to all departments and compliance ensured	Completed

Section II – Approval Items

Agenda Item	Decision of 22nd GC	Action Taken	Status
Action Taken Report of 21st GCM	ATR approved	All activities reviewed and continued	Completed
Scheme of Study for UG & PG Programs for AY 2024-25	Approved for implementation from AY 2024-25	Scheme of Study implemented across all programs; uploaded to website; Academic operations ongoing	Completed



2. Action Taken Report on the 22nd Governing Council Meeting held on 12.02.2025

Section II – Approval Items

Agenda Item	Decision in 22nd GCM	Action Taken	Status
Renovation & Infrastructure allotment for AY 2024-25	Approved	Classroom upgrades, laboratory enhancements, and digital infra improvements initiated as per budget allotment	Completed
Calendar of Events for Even Sem 2024-25	Approved	Calendar published and circulated to students and faculty; all events executed as planned	Completed
Faculty Appointments for AY 2024-25	Approved for recruitment across departments	All approved faculty have joined on the respective DOJ; onboarding completed	Completed
Proposed Department Budget for AY 2024-25	Approved with optimization suggestions	Revised departmental budget implemented; periodic financial review initiated	Completed



2. Action Taken Report on the 22nd Governing Council Meeting held on 12.02.2025

Section III – Information Items

Item	Key Points in GCM	Action Taken
Review on NBA & NAAC Accreditation Status	Good progress noted in IQAC updates	IQAC audits strengthened; compliance documentation updated and reviewed
Review on R&D Activities AY 2024-25	Expected enhancement in funded projects and research outputs	Publications increased; faculty encouraged to submit funded proposals; Research review meetings scheduled monthly
Result Analysis AY 2024-25	Required corrective actions for slow learners	Mentoring & remedials initiated; continuous internal evaluations strengthened
Review on Placement status & COE activities	Strengthen domain-specific training and industry partnerships	Advanced placement training started; additional MoUs initiated
Faculty FDP/MOOC participation	Mandatory for every semester recommendation	Tracking through HR portal; 80% compliance achieved
NHCIIE Innovation & Entrepreneurship Activities	Expand mentor networks and pre-incubation programs	Incubation activities scaled; Start-ups supported; IIC events conducted
Sports Achievements AY 2024-25	Additional support recommended	Funding allocated for training, kits, and coaching enhancements
NIRF Ranking & Strategic Plan 2025	Implement improvement plan immediately	NIRF Core Committee formed; KPI-based monitoring in place



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

1st Year Engineering Streams for the AY: 2025-26

- ❖ **Computer Science and Engineering Allied Stream**
 - Artificial Intelligence and Machine Learning Program
 - Computer Science and Engineering Program

- ❖ **Electrical and Electronics Engineering Allied Stream**
 - Electronics and Communications Engineering Program
 - Electrical and Electronic Engineering Program

- ❖ **Mechanical Engineering Stream**
 - Mechanical Engineering Program



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 2nd Semester of 2025-29 Batch Scheme

AIML / ECE/EEE/ME										Physics Cycle			
S. No.	Course and Course Code		Course Title	BOS	Credit Distribution				Overall Credits	Contact Hours	Marks		
					L	T	P	S			CIE	SEE	Total
1	ASC	25MAT21	Applied Mathematics for Engineers – II	AS	3	1	0	0	4	5	50	50	100
2	ASC	25PHY22	Applied Physics for Engineers	AS	3	0	1	0	4	4+2	50	50	100
3	ESC-II	25ESC231	Elements of Electronics and Communication Engineering – AIML/EEE/ME	Resp	3	0	0	0	3	4	50	50	100
		25ESC232	Elements of Electrical Engineering - ECE										
4	PLC	25PLC24	Programming in C	CS	3	0	0	0	3	4	50	50	100
5	PLC	25PCL24	Programming in C Lab	CS	0	0	1	0	1	2	50	50	100
6	ETC	25ETC252	Introduction to AI and Applications	Resp	3	0	0	0	3	4	50	50	100
7	AEC	25UHV26	UHV and Indian Ethos	HSS	0	0	0	0	PP	1	100	-	100
8	HSS	25KSK27 / 25KBK27	Samskrutika Kannada/ Balake Kannada	HSS	1	0	0	0	1	2	50	50	100
9	AEC	25IPL28	Inter-disciplinary Project based Learning	AS	0	0	0	1	1	2	50	50	100
Total									20	30	500	400	900



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 2nd Semester of 2025-29 Batch Scheme

CSE										Chemistry Cycle			
S. No	Course and Course Code		Course Title	BOS	Credit Distribution				Overall Credits	Contact Hours	Marks		
					L	T	P	S			CIE	SEE	Total
1	ASC	25MAT21	Applied Mathematics for Engineers – II	AS	3	1	0	0	4	5	50	50	100
2	ASC	25CHE22	Applied Chemistry for Engineers	AS	3	0	1	0	4	4+2	50	50	100
3	ESC -II	25ESC232	Elements of Electrical Engineering	EEE	3	0	0	0	3	4	50	50	100
4	PLC	25PLC24	Programming in C	CS	3	0	0	0	3	4	50	50	100
5	PLC	25PCL24	Programming in C Lab	CS	0	0	1	0	1	2	50	50	100
6	ESC	25CAD25	Computer Aided Engineering Drawing	ME	2	0	1	0	3	5	50	50	100
7	AEC	25ENG26	AI-Powered Communication Skills	HSS	0	0	1	0	1	2	50	50	100
8	HSS	25CIP27	Constitution of India and Professional Ethics	HSS	0	0	0	0	PP	1	100	-	100
9	AEC	25EDM28	Environment and Disaster Management	AS	1	0	0	0	1	1	50	50	100
Total									20	30	500	400	900



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 2025-29 Batch Scheme

(ESC) Engineering Science Courses I &II		(PSC) Program specific courses (IC)	
25ESC131/231	Basic Electronics	25ECE141/241	Elements of Electronics & Communication Engineering
25ESC132/232	Basic Electrical Engineering	25EEE142/242	Elements Electrical Engineering
25ESC133/232	Basic Mechanical Engineering	25MEE143/243	Elements of Mechanical Engineering
		25CSE144/244	Problem solving using python
(PLC) Programming Language Course		(PCL) Programming Language Course Lab	
25PLC14/24	Programming in C	25PCL14/24	Programming in C Lab
(ETC) Emerging Technology Courses I&II			
25ETC151/251	Robotics & Automation		
25ETC152/252	Introduction to AI and Applications		
25ETC153/253	Electric Vehicles		
25ETC154/254	Renewable Energy		



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester of 2024-28 Batch Scheme

IV Semester													
S. No.	Course and Course Code		Course Title	BoS	Credit Distribution				Overall Credits	Contact Hours	Marks		
					L	T	P	S			CIE	SEE	Total
1	BSC	24MAC41/ 24MAE41		BS	2	1	0	0	3	4	50	50	100
2	PCC	24XXX42		XX	3	0	0	0	3	3	50	50	100
3	PCCL	24XXL42		XX	0	0	1	0	1	2	50	50	100
4	PCC	24XXX43		XX	3	0	0	0	3	3	50	50	100
5	PCCL	24XXL43		XX	0	0	1	0	1	2	50	50	100
6	PCC	24XXX44		XX	3	0	0	0	3	3	50	50	100
7	PCCL	24XXL44		XX	0	0	1	0	1	2	50	50	100
8	PEC	24XXX45X	Professional Elective Course-I	XX	3	0	0	0	3	3	50	50	100
9	AEC	24XXX46X	Ability Enhancement Course – IV	XX	If the course is a Theory						50	50	100
					1	0	0	0	1	1			
					If the course is a Laboratory								
					0	0	1	0	1	2			
10	UHV	24UHK47	Universal Human Values and Life Skills	Any Dept	1	0	0	0	1	2	50	--	50
		OR											
		24DTK47	Design Thinking and Fabrication	Any Dept	1	0	0	0	1	1	50	--	50
11	PROJ	24XXX48	Mini Project	XX	0	0	1	0	1	0	50	50	100
12	NCMC	24NSS40	National Service Scheme	-	0	0	0	0	0	2	50	--	50
		24PED40	Physical Education and Sports	-									
		24YOG40	Yoga	-									
Total									21	26/28	600	500	1100
13	NCMC	24DMAT41*	Basic Applied Mathematics-II	BS	0	0	0	0	0	2	50	--	50



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester of 2024-28 Batch Scheme

24DMAT41*: This non-credit mandatory course to be offered with only CIE and no SEE to Lateral entry students.

Professional Elective Course-I			
24XXX451		24XXX454	
24XXX452		24XXX455	
24XXX453			

Ability Enhancement Course – IV (For IT allied Branches, all are Laboratory Courses 0-0-1-0) (Other branches can have 1-0-0-0 or 0-0-1-0)			
24XXX461		24XXX464	
24XXX462		24XXX465	
24XXX463			

Mini-project work: Mini Project is a laboratory-oriented/hands on course that will provide a platform to students to enhance their practical knowledge and skills by the development of small systems/applications etc. Based on the ability/abilities of the student/s and recommendations of the mentor. A student can do mini project as

- (i) A group of 2 if mini project work is single discipline (applicable to all IT allied branches)
- (ii) A group of 2- 4 if mini project work is single discipline (applicable to all Core Branches)
- (iii) A group of 2 - 4 students if the Mini Project work is a multidisciplinary (Applicable to all Branches)

CIE procedure for Mini-project:

(i) **Single discipline:** The CIE marks shall be awarded by a committee consisting of the Head of the concerned Department and two faculty members of the Department, one of them being the Guide. The CIE marks awarded for the Mini-project work shall be based on the evaluation of the project report, project presentation skill, and question and answer session in the ratio of 50:25:25. The marks



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester of 2024-28 Batch Scheme

awarded for the project report shall be the same for all the batches mates.

(ii) Interdisciplinary: Continuous Internal Evaluation shall be group-wise at the college level with the participation of all the guides of the project.

The CIE marks awarded for the Mini-project, shall be based on the evaluation of the project report, project presentation skill, and question and answer session in the percentage ratio of 50:25:25. The marks awarded for the project report shall be the same for all the batch mates

National Service Scheme /Physical Education/Yoga: All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education (PE) (Sports and Athletics), and Yoga (YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.

Credit Definition:

1-hour Lecture (L) per week=1Credit

2-hoursTutorial(T) per week=1Credit

2-hours Practical / Drawing (P) per week=1Credit

2-hous Self Study for Skill Development (SDA) per week
= 1 Credit

03-Credits courses are to be designed for 40 hours in Teaching-Learning Session

02- Credits courses are to be designed for 25 hours of Teaching-Learning Session

01-Credit courses are to be designed for 15 hours of Teaching-Learning Sessions



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 6th Semester of 2023-27 Batch Scheme

VI Semester													
S. No.	Course and Course Code		Course Title	BoS	Credit Distribution				Overall Credits	Contact Hours	Marks		
					L	T	P	S			CIE	SEE	Total
1	PCC	22XXX61		XX	3	0	0	0	3	3	50	50	100
2	PCCL	22XXL61		XX	0	0	1	0	1	2	50	50	100
3	PCC	22XXX62		XX	3	0	0	0	3	3	50	50	100
4	PCCL	22XXL62		XX	0	0	1	0	1	2	50	50	100
5	PCC	22XXX63		XX	2	1	0	0	3	4	50	50	100
6	PEC	22XXX64X	Professional Elective Course-II	XX	3	0	0	0	3	3	50	50	100
7	PROJ	22XXX65	Project Phase-I	XX	0	0	2	0	2	0	50	50	100
8	AEC	22SDK66	Problem Solving Skills	XX	0	0	1	0	1	2	50	--	50
9	AEC	22XXX67X	Ability Enhancement Course – V	XX	If the course is a Theory						50	50	100
					1	0	0	0	1	1			
					If the course is a laboratory								
					0	0	1	0	1	2			
10	OEC	25NHOP6XX	Industrial Open Elective Course-I	Offering Dept.	3	0	0	0	3	3	50	50	100
11	NCMC	22NSS60	National Service Scheme (NSS)	NSS coordinator	0	0	0	0	0	2	50	--	50
		22PED60	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		22YOG60	Yoga	Yoga Teacher									
Total									21	25/26	550	450	1000



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 6th Semester of 2023-27 Batch Scheme

Professional Elective Course-II			
22XXX641		22XXX644	
22XXX642		22XXX645	
22XXX643			

Ability Enhancement Course – V			
22XXX671		22XXX674	
22XXX672		22XXX675	
22XXX673			

Industrial Open Elective Courses-I:

Credit for OEC is 03 (L: T: P: S) can be considered as (3: 0: 0 : 0). The teaching and learning of these Courses will be based on hands-on. The Course Assessment will be based on CIE and SEE in practical mode. This Courses will be offered by Centre of Excellence to students of all the branches. Registration to Industrial open electives shall be documented and monitored on college level.

Project Phase-I: Students have to discuss with the mentor /guide and with their help he/she has to complete the literature survey and prepare the report and finally define the problem statement for the project work.

Professional Elective Courses (PEC): A professional elective (PEC) course is intended to enhance the depth and breadth of educational experience in the Engineering and Technology curriculum. Multidisciplinary courses can be added to supplement the latest trend and advanced technology in the selected stream of engineering.

National Service Scheme /Physical Education/Yoga: All students have to register for any one of the courses namely National Service Scheme (NSS), Physical Education(PE) (Sports and Athletics), and Yoga (YOG) with the concerned coordinator of the course during the first week of III semesters. Activities shall be carried out between III semester to the VI semester (for 4 semesters). Successful completion of the registered course and requisite CIE score is mandatory for the award of the degree. The events shall be appropriately scheduled by the colleges and the same shall be reflected in the calendar prepared for the NSS, PE, and Yoga activities. These courses shall not be considered for vertical progression as well as for the calculation of SGPA and CGPA, but completion of the course is mandatory for the award of degree.



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

VTU Salient Features incorporated in 8th semester (2022 scheme)

- Mandatory **Internship** of **14 to 20 weeks** in 8th Semester

Internship Options		VTU Portal Registration
Industry Internship	<ul style="list-style-type: none">• Extended period of work experience undertaken by students to supplement their degree for professional development.	<ul style="list-style-type: none">• Industry organization to register on the portal
Research Internship	<ul style="list-style-type: none">• Research internships must be carried out in recognized research centers.	<ul style="list-style-type: none">• Research Center to register on the portal
Skill Enhancement Courses	<ul style="list-style-type: none">• Students can take Skill-based courses with credits totalling the same as those of the internship. (10 Credits)	<ul style="list-style-type: none">• Students to register the VTU Skill-based courses
Post-Placement Training as Internship	<ul style="list-style-type: none">• The post-placement training is also considered an internship.• For students placed during their 6th/7th semester and willing to take the training during their final year	<ul style="list-style-type: none">• Recruiting companies to register on the Portal.
Online Internship	<ul style="list-style-type: none">• Reputed online internship platforms, including those identified by NSDC, are already listed on the VTU Internship portal.	<ul style="list-style-type: none">• Online Internship organizations to register on the portal



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 8th Semester of 2022-26 Batch Scheme

VIII Semester													
S. No.	Course and Course Code		Course Title	BoS	Credit Distribution				Overall Credits	Contact Hours	Marks		
					L	T	P	S			CIE	SEE	Total
1	PEC*	22XXX81X	Professional Elective Courses -III	XX	3	0	0	0	3	3	50	50	100
2	PEC*	22XXX82X	Professional Elective Courses -IV	XX	3	0	0	0	3	3	50	50	100
3	INT	22XXX83	Internship	XX	0	0	10	0	10	20	100	100	200
4	NCMC	22IKK84	Indian Knowledge Systems	XX	0	0	0	0	0	1	50	-	50
Total									16	27	250	200	450

PEC*: Professional Elective Course (Online / Hybrid), **L:** Lecture, **T:** Tutorial, **P:** Practical **S:** **SDA:** Self Study for Skill Development, **INT:** Industry Internship / Research Internship / Rural Internship, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation.
NCMC: Online

Professional Elective Course-III			
22XXX811		22XXX814	
22XXX812		22XXX815	
22XXX813			



Professional Elective Course-IV			
22XXX821		22XXX824	
22XXX822		22XXX825	
22XXX823			



3. Approval of Scheme of Study for BE Programs for AY 2025-26 - Even Semester

General Scheme for 8th Semester of 2022-26 Batch Scheme

Elucidation:

At the beginning of IV years of the program i.e., after VI semester, VII semester classwork and VIII semester Internship shall be permitted to be operated simultaneously by the University so that students have ample opportunity for an internship. In other words, a good percentage of the class shall attend VII semester classwork and a similar percentage of others shall attend to Internship.

Internship: The mandatory Internship is for **14 to 20 weeks**. The internship shall be considered as a head of passing and shall be considered for the award of a degree. Those, who do not take up/complete the internship shall be declared to fail and shall have to complete it during the subsequent SEE examination after satisfying the internship requirements. If the students are opting for the 8th semester, the following internship options are available:

- Industry Internship
- Research Internship
- Skill Enhancement Courses
- Post-Placement Training as Internship
- Online Internship

Industry internship: It is an extended period of work experience undertaken by students to supplement their degree for professional development. It also helps them learn to overcome unexpected obstacles and successfully navigate organizations, perspectives, and cultures. Dealing with contingencies helps students recognize, appreciate, and adapt to organizational realities by tempering their knowledge with practical constraints. Students undertaking industry internships must ensure the organization is listed on the VTU Internship Portal. If not, request the organization to register on the portal.

Research internship: A research internship is intended to offer the flavor of current research going on in the research field. It helps students get familiarized with the field and imparts the skill required for carrying out research. Research internships must be carried out in recognized research centers. Ensure that these centers are registered on the portal.

Skill Enhancement Courses: Students can take Skill-based courses with credits totalling the same as those of the internship. Students must be taken from registered providers listed on the VTU Internship Portal.

Post-Placement Training as Internship: The post-placement training is also considered an internship. For students placed during their 6th/7th semester and willing to take the training during their final year, colleges must inform the recruiting companies in advance to register on the VTU Internship Portal.

Online Internship: Reputed online internship platforms, including those identified by NSDC, are already listed on the VTU Internship portal. If colleges come across other eligible organizations not yet listed, they are informed to ask the organization to register on the VTU Internship portal.

The faculty coordinator or mentor has to monitor the student's internship progress and interact with them to guide for the successful completion of the internship. The students are permitted to carry out the internship anywhere in India or abroad. University shall not bear any expenses incurred in respect of the internship. With the consent of the internal guide and Principal of the Institution, students shall be allowed to carry out the internship at their hometown (within or outside the state or abroad), provided favorable facilities are available for the internship and the student remains regularly in contact with the internal guide.



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 2nd Semester M.Tech.,

II SEMESTER												
Sl.No	Course	Course Code	Course Title	Credit Distribution					CONTACT HRS	CIE	SEE	TOTAL
				L	T	P	S	CREDITS				
1	PCC	24SCS21	Cloud Computing & Virtualization	3	0	0	0	3	3	50	50	100
2	PCC	24SCS22	Devops	2	0	0	1	3	3	50	50	100
3	PCC	24SCS23	Artificial Intelligence	3	0	0	0	3	3	50	50	100
4	PEC	24SCS24X	Professional Elective - 1	3	0	0	0	3	3	50	50	100
5	PEC	24SCS25X	Professional Elective - 2	3	0	0	0	3	3	50	50	100
6	PCCL	24SCL26	Cloud Computing & Virtualization lab	0	0	2	0	2	4	50	50	100
7	PCCL	24SCL27	Devops lab	0	0	2	0	2	4	50	50	100
TOTAL				14	0	4	1	19	23	350	350	700
<p>Note: During the 1st semester, students should enroll 2 online courses (Minimum) and must finish the courses before 4th semester and the evaluation will take place during the 4th semester.</p> <p>1. Mini Project: It can include hands-on practice, coding, mobile app development, and report preparation etc. CIE (Continuous Internal Evaluation) marks will be awarded by a committee comprising the HoD (Head of Department) as Chairman, the guide/co-guide (if any), and a senior faculty member of the department. All postgraduate students in the program must complete mini-project. The CIE marks for Mini-Project work will be based on the evaluation of the Mini-Project work and Report, Presentation skills, and performance in the Question and Answer session, in the ratio 50:25:25. Mini-Project is considered a passing requirement and is necessary for vertical progression and the award of the degree. Students who do not take up or complete the Mini Project will be declared as failing the course and will need to complete it during a subsequent semester.</p> <p>2. Internship: All the students shall have to undergo a mandatory internship of 06 weeks during the vacation of II and III semesters. A University examination shall be conducted during III semester and the prescribed internship credit shall be counted in the same semester. The internship shall be considered as a head of passing and shall be considered for vertical progression as well as for the award of degree. Those, who do not take-up/complete the internship shall be declared as fail in the internship course and have to complete the same during the subsequent University examination after satisfying the internship requirements.</p>												



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester M.Tech.,

IV – Semester													
S. No.	Course and Course Code		Course Title	BoS	Credit Distribution				Overall Credits	Contact Hours	Marks		
					L	T	P	S			CIE	SEE	Total
1	Project/ CSE	24SCS41	Project work phase – 2	CSE	0	0	20	0	20	-	100	100	200
2	AUD/AEC	24MOOC2	BOS Recommended Online Courses	CSE	Classes and evaluation procedures are as per the policy of the on line course providers.							PP	
Total									20	-	100	100	200
Note: ProjectWorkPhase-2: Students in consultation with the guide/co-guide (if any) in disciplinary project or guides/co-guides (if any) of all departments in case of multidisciplinary projects, shall continue to work of Project Work phase -1to complete the Project work. Each student / batch of students shall prepare project document, and present a seminar. 													



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

MCA – Credit Distribution for the 2025 Scheme (Applicable for 2025-2027 Batch)

SEMESTER	CORE	ELECTIVE	MINI PROJECT/ PROJECT WORK	SEMINAR/ ONLINE COURSE	TOTAL CREDITS
I	20	0	0	0	20
II	12	6	2	0	20
III	8	3	9	0	20
IV	0	6	10	4	20
TOTAL	40	15	21	4	80
% of Distribution	50%	19%	26%	5%	100%



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 2nd Semester MCA

S NO	BOARD/ COURSE	COURSE CODE	COURSE	BOS	CREDIT DISTRIBUTION				OVERALL CREDITS	CONTACT HOURS WEEKLY (THEORY)	MARKS		
					L	T	P	S			CIE	SEE	TOTAL
1	MCA/PCC	25MCA21	DATA STRUCTURES	MCA	3	0	0	0	3	3	50	50	100
2	MCA/PCC	25MCA22	ADVANCED JAVA	MCA	3	0	0	0	3	3	50	50	100
3	MCA/PCC	25MCA23	DESIGN AND ANALYSIS OF ALGORITHMS	MCA	3	0	0	0	3	4	50	50	100
4	MCA/PEC	25MCA24X	PROFESSIONAL ELECTIVES-1	MCA	3	0	0	0	3	3	50	50	100
5	MCA/PEC	25MCA25X	LAB BASED PROFESSIONAL ELECTIVES-1	MCA	0	1	2	0	3	6	50	50	100
6	MCA/PCCL	25MCAL26	DATA STRUCTURES AND ALGORITHMS LAB	MCA	0	0	1.5	0	1.5	3	50	50	100
7	MCA/PCCL	25MCAL27	ADVANCED JAVA LAB	MCA	0	0	1.5	0	1.5	3	50	50	100
8	MCA/AEC	25MCA28	MINI PROJECT	MCA	0	0	0	2	2	-	50	50	100
TOTAL					12	1	5	2	20	25	400	400	800
Note: PCC - Professional Core Courses, PEC – Professional Elective Course, PCCL - Professional Core Course Lab, AEC Ability Enhancement Course L – Lecture, T- Tutorial, P- Practical, S - Self Study													



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

MCA – Credit Distribution for the 2024 Scheme (Applicable for 2024-2026 Batch)

SEMESTER	CORE	ELECTIVE	MINI PROJECT/ PROJECT WORK	SEMINAR/ ONLINE COURSE	TOTAL CREDITS
I	20	0	0	0	20
II	12	6	2	0	20
III	8	3	9	0	20
IV	0	6	10	4	20
TOTAL	40	15	21	4	80
% of Distribution	50%	19%	26%	5%	100%



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester MCA

SL NO	BOARD/ COURSE	COURSE CODE	COURSE	BOS	CREDIT DISTRIBUTION				OVERALL CREDITS	CONTACT HOURS WEEKLY	MARKS		
					L	T	P	S			CIE	SEE	TOTAL
1	MCA/PEC	24MCA41X	PROFESSIONAL ELECTIVES –3	MCA	3	0	0	0	3	3	50	50	100
2	MCA/PEC	24MCA42X	LAB BASED PROFESSIONAL ELECTIVES - 2	MCA	0	1	2	0	3	6	50	50	100
3	MCA/TS	24MCA43	TECHNICAL SEMINAR	MCA	0	0	0	2	2	4	50	50	100
4	AUD/AEC	24AUD44X	ONLINE COURSE		-	-	-	-	2	-	-	-	100
5	AUD/NCMC*	24AUD45	RESEARCH METHODOLOGY AND IPR		Classes and evaluation procedures are as per the policy of the online course providers.								PP
6	MCA/INT	24MCA46	INTERNSHIP	MCA	0	0	0	10	10	20	50	50	100
TOTAL					3	1	2	12	20	33	200	200	500
Note: PEC– Professional Elective Course, TS -Technical Seminar, INT – Internship, NCMC-Non- Credit Mandatory Course *(Online Course) AUD/AEC – Audit Course/ Ability Enhancement Course. L – Lecture, T- Tutorial, P-Practical, S - Self Study													



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 2nd Semester MBA

Sl. No.	Course and Course Code		Course Title	BOS	Credit Distribution			Overall credit	Teaching Hours/Week	Marks		
					L	P	T/ SDA			CIE	SEE	Total
1	PCC	24MBA21	Production & Operations Management	MBA	4	0	0	4	4	50	50	100
2	PCC	24MBA22	Corporate Finance	MBA	4	0	0	4	4	50	50	100
3	PCC	24MBA23	Human Resource Management	MBA	3	0	0	3	3	50	50	100
4	PCC	24MBA24	Entrepreneurship Development	MBA	4	0	0	4	4	50	50	100
5	PCC	24MBA25	Business Ethics & Corporate governance	MBA	3	0	0	3	3	50	50	100
6	PCC	24MBA26	Corporate Interface & Professional Development	HSS	1	0	0	1	1	50	50	100
7	PCC	24MBA27	Quantitative Techniques & Operations Research	MBA	4	0	0	4	4	50	50	100
8	SEC	24MBA28	Societal Project	MBA	Audit Course without any Credits							
Total								23	23	350	350	700
Note: PCC: Professional Core Course, SEC: Skill Enhancement Course Practical /Field Work / Assignment are part of contact hours for the faculty and must be considered in the workload. Four credit courses are designed for 50 hours Teaching – Learning process. The teaching pedagogy may involve Case study method, Experiential learning, Presentations, Interactive lectures, Role-plays, Business games, Blended Learning, Simulations games/Hands-on experience, ICT tools, Flipped Class, Field experiments, Business Quiz/Exercises, Group discussion, Lectures, team activities.												



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester MBA

Sl. No	Course and Course Code		Course Title	BOS	Credit Distribution				Over all credit	Teaching Hours / Week	Marks		
					L	T	P	S			CIE	SEE	Total
1	PCC	24MBA41	Indian Ethos in Management	MBA	3	0	0	0	3	3	50	50	100
2	PEC	24MBAXX***	Elective 1	MBA	3	0	0	0	3	3	50	50	100
3	PEC	24MBAXX***	Elective 2	MBA	3	0	0	0	3	3	50	50	100
4	PEC	24MBAXX***	Elective 1	MBA	3	0	0	0	3	3	50	50	100
5	PEC	24MBAXX***	Elective 2	MBA	3	0	0	0	3	3	50	50	100
6	PCC	24MBA42	Innovation & Design Thinking Based Project Dissertation	MBA	0	0	7	0	7	-	50	50	100
7	AUD	24AUD43*	BOS Recommended Online course	AUD	0	0	0	0	Classes & Evaluation procedures are as per the policy of the online course providers				
Total									22	15	300	300	600
Note: PCC*: Professional Core Course, PEC: Professional Elective Course, Field Work / Assignment are part of contact hours for the faculty and must be considered in the workload (Practical component hours must be conducted as regular teaching hours in the respective class rooms only. Three credit courses are designed for 40 hours Teaching – Learning process. The teaching pedagogy may involve Case study method, Experiential learning, Presentations, Interactive lectures, Role-plays, Business games, Blended Learning, Simulations games/Hands-on experience, ICT tools, Flipped Class, Field experiments, Business Quiz/Exercises, Group discussion, Lectures and team activities.													



3. Approval of Scheme of Study for PG Programs for AY 2025-26 - Even Semester

General Scheme for 4th Semester MBA

Sl No	Artificial Intelligence & Data Science	Code	Sl No	HR Elective	Code	Sl No	Logistics & Supply Chain Management	Code
1	Data Visualization Using Tableau and Story Telling	24MBADS411	1	AI – Enhanced HR	24MBAHR421	1	Supply Chain Analytics	24MBALS451
2	Statistical Modeling Using R	24MBADS412	2	Leadership in Artificial Intelligence Era	24MBAHR422	2	Business Process Improvement	24MBALS452
3	Text and Social Media Analytics	24MBADS413	3	Organization Design & Development	24MBAHR423	3	Project Management Essentials	24MBALS453
4	Predictive Analytics Using Artificial Intelligence	24MBADS414	4	Managing Career Success & Transition	24MBAHR424	4	Materials Management	24MBALS454

Sl No	Marketing Elective	Code	Sl No	Finance Elective	Code
1	Digital & Social Media Marketing in AI Era	24MBAMM431	1	International Financial Management	24MBAFM441
2	Services Marketing	24MBAMM432	2	Commercial Bank Management	24MBAFM442
3	Marcomms @ Work	24MBAMM433	3	Forex & Treasury Management	24MBAFM443
4	B2B Marketing	24MBAMM434	4	Financial Derivatives & Risk Management	24MBAFM444



4. Approval of Renovation and Infrastructure allotment for AY 2025-26

NEW HORIZON COLLEGE OF ENGINEERING CLASS ROOM & LAB ALLOTTED for ACADEMIC YEAR 2025-2026 Even Semester					
Block	Dept.	No. of sections	Required no. of rooms	Allotted Class Rooms Nos	Allotted Labs
Netaji Subhash Chandra Bose Block (A)	MBA	6	6	A301, A302, A303, A305, A306, A308	NA
	CSE- II	9	8	A214, A215, A216, A217, A218, A219, A311 , A312	A211a, A211b, A211c, A211d, A211e, A202
	CSE - I & M. Tech	11	9	A101,A102, A103, A104, A105, A114, A115, 116, A118	HP Lab, L1, L2, L3, L4, L5
	AI&ML	8	8	A-004, A-005, A-006, A007, A008, A009, A010, A011	A003, A021A, A021B, A021C, A021D
	NHC	3	3	A-012, A-013, A-014	NA
Block	Dept.	No. of sections	Required no. of rooms	Allotted Class Rooms Nos	Allotted Labs
Sardar Vallabhbhai Patel Block (B)	ECE	8	8	B 117, B 118, B-119, B101, B102, B-311, B312,B313	Respective Labs
	MCA	6	5	B 304, B-305, B-306, B-307, B-308	Respective Labs
	ME	3	3	B301, B302, B303	Respective Labs
	EE	6	6	B-201, B-202, B-203,B-204, B-205, B-218	Respective Labs
	CV	1	1	B219	Respective Labs
Block	Dept.	No. of sections	Required no. of rooms	Allotted Class Rooms Nos	Allotted Labs
Chhatrapati Shivaji block (C)	ISE	9	8	C503, C504, C506, C509, C519, C523, C524, C205	C510, C511, C513, C514, C515
	AS - PHY	10	10	C303, C304, C305, C307, C308, C312, C313, C317, C321, C322	C-207, C208, C213
	AS - CHE	10	10	C403, C404, C406, C409, C410, C414, C415, C419, C423, C424	C212, C411, C413
	CSE - DS	5	5	C203, C204, C217, C221, C222	C209, C211, C309, C311, C223



5. Approval for the Calendar of Events for AY 2025-26 Even Semester – 8th Semester

Commencement: 19th January 2026									Last Working Day: 30th April 2026	
MONTH	Week No.	MON	TUE	WED	THU	FRI	SAT	SUN	Events/Holidays	Activities(Internal Tests, Quiz & Others)
	1	19	20	21	22	23	24	25	Silver Horizons - January - Faculty Development Program (FDP) and Staff Sports Meet 21st Jan - Martyrdom Day of Shaheed Hemu Kalani 23rd Jan - Parakram Diwas	19th January - Commencement of Classes
	2	26	27	28	29	30	31	*	26th Jan - Republic Day, Staff Sports Day	
FEB	2	*	*	*	*	*	*	1	Silver Horizons - February - New Age Technologies	
	3	2	3	4	5	6	7	8		
	4	9	10	11	12	13	14	15		
	5	16	17	18	19	20	21	22	19th Feb - Birthday of Chatrapathi Shivaji 21st Feb - Mathrubhasha Diwas	
	6	23	24	25	26	27	28	*		28th Feb - 1st Internal Tests
MARCH	6	*	*	*	*	*	*	1	Silver Horizons - March - Technical Fest & Exhibition/ Innovation Challenge/ Innovation Showcase/ Quantum	
	7	2	3	4	5	6	7	8	4th March - Holi, 7th March- Full Working Day 8th March - International Women's Day	
	8	9	10	11	12	13	14	15		
	9	16	17	18	19	20	21	22	19th March - Ugadi Festival 20th March - Holiday	
	10	23	24	25	26	27	28	29	23rd March- Birthday of Shaheed Hemu Kalani 26, 27, 28 March - QuantumX Technical and Management Fest	
	11	30	31	*	*	*	*	*		
APRIL	11	*	*	1	2	3	4	5	Silver Horizons-April - Green Campus Initiative 3rd April - Good Friday	
	12	6	7	8	9	10	11	12		
	13	13	14	15	16	17	18	19	14th April - Dr. Ambedkar Jayanthi	18th April - 2nd Internal Tests
	14	20	21	22	23	24	25	26	20th April - Basava Jayanthi	
	15	27	28	29	30	*	*	*		30th April - Last Working Day
MAY	15	*	*	*	*	1	2	3	Silver Horizons - May - Career Fair & Skill Development & HR Summit or Conclave 1st May - May Day	
	16	4	5	6	7	8	9	10		04th May - SEE Commences
	17	11	12	13	14	15	16	17		11th May - 22nd May - Internship Viva Voce / Project Viva
	18	18	19	20	21	22	23	24		
Note:										
1. No Separate Circulars will be issued regarding Activities mentioned above.										
2. Department activities such as Industrial Visits , Guest Lectures etc. to be included in department calender of events.										
3. Internal Tests / CIE AATs / Workshops / Seminars / Conference / Guest Lectures / BOS / BOE Meetings to be included in the department calendar.										
4. Holidays*- Refer list of Holidays.										
5. Internship Programme will be conducted as per the guidelines provided in the scheme & syllabus										



6. Review on NBA & NAAC Accreditation status

NAAC Accreditation

SI NO	Accreditation	Grade & Score	Period of validity
1	Institution Accreditation	<u>A</u> 3.25	5 Years i.e. up to 10.01.2027 AQAR till 2023-2024 submitted

NBA Accreditation Status

SI NO	Name of the Program-UG	Basics of Evaluation	Period of validity
1	Computer Science & Engineering	<u>Tier - 1</u>	Academic Year 2024-2025 to 2026-2027 i.e. upto 30.06.2027
2	Electronics & Communication Engineering		
3	Mechanical Engineering		
4	Information Science & Engineering	<u>Tier - 1</u>	Academic Year 2023 - 2024 to 2025 - 2026 i.e. upto 30-06-2026
5	Electrical and Electronics Engineering		



7. Review on R&D activities – Research Publication

Research Publication (Scopus) as on **25.12.2025**

Total number of papers published and indexed in Scopus in Year 2025: 785

Conference Paper	346
Article	333
Book Chapter	107

Scopus Overall Documents: 3,505

Total number of papers published and indexed in Scopus in Year 2026: 26

Conference Paper	17
Article	9

Total number of Citations: **23,698**

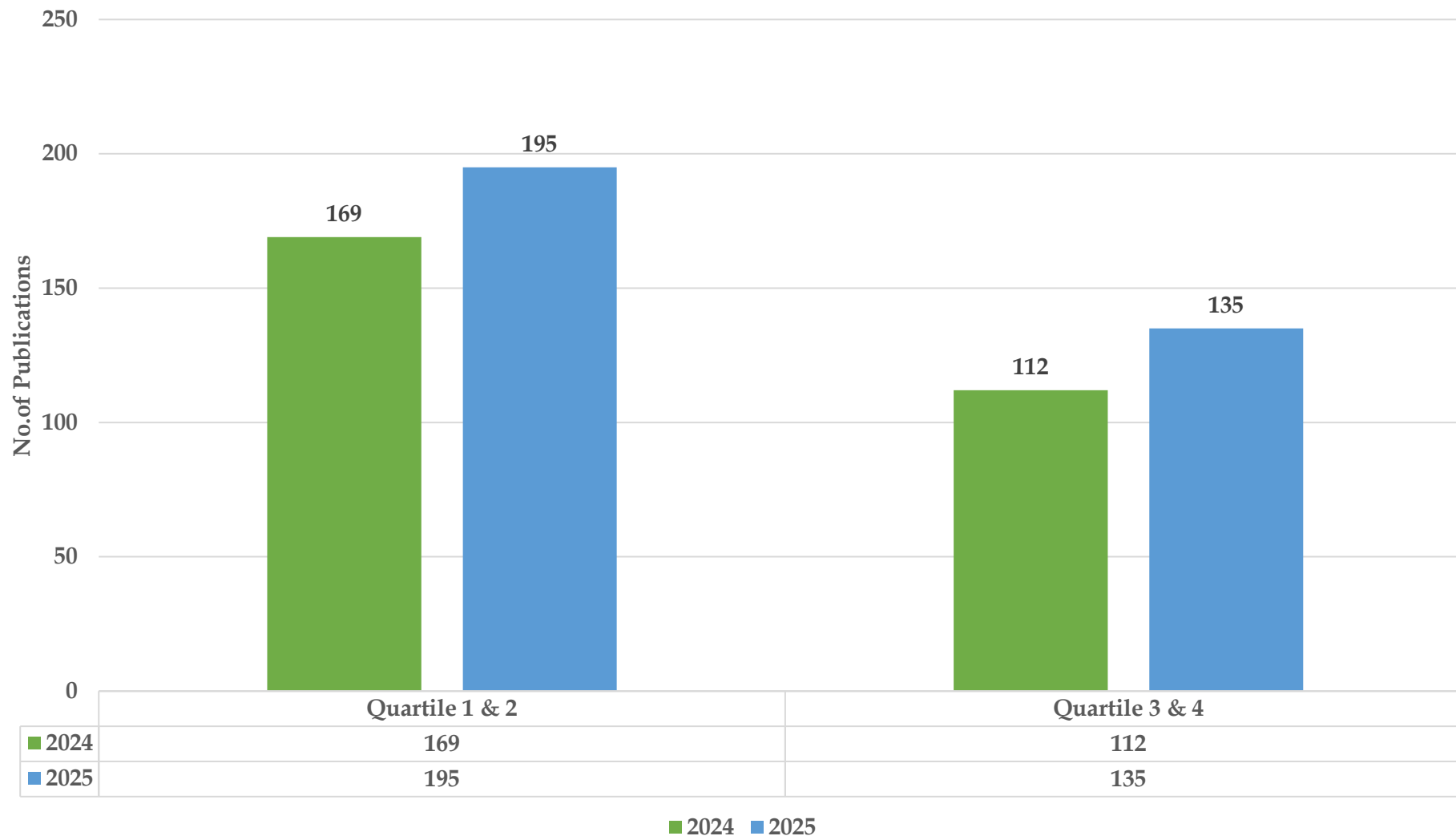
CY 2025 – 8162

CY 2024 – 7416

h - index: 63



Quality Publication as per Scopus





7. Review on R&D activities– Research Grants

Name of the funding agency	Sanctioned Amount in Rs.
AICTE Training And Learning (ATAL) Academy, New Delhi	3,50,000.00
Anusandhan National Research Foundation (ANRF), SERB, New Delhi	1,50,000.00
IEEE Sensors Council WiSe Support, USA	44,358.00
IEEE Power and Energy Society, USA	47,583.00
IEEE Systems, Man, and Cybernetics Society, USA	43,530.00
IEEE Industrial Electronics Society, USA	88,000.00
IEEE Power Electronics Society, USA	67,224.00
IIT Ropar Technology and Innovation Foundation (iHub-AWaDH) in the IDEATHON 2.0 under the 100 Startups 100 Days Initiative	2,00,000.00
Total Grants	Rs. 9,47,165.00



7. Review on R&D activities – Patent & IIC

Activity	CY 2024	CY 2025
Patent Published	205	206 +ongoing
Design Grant	31	16+
Patent Grant	-	1

VTU Research Supervisors :
93
VTU Research Scholars :
113

Patent Grant:
A DEVICE AND A
METHOD FOR
OPERATING A TURN
INDICATOR OF A
VEHICLE
Patentee : 1NEW
HORIZON COLLEGE OF
ENGINEERING

Proudly Announcing a
New Milestone!

**STAR
RATING**

New Horizon College of Engineering is ranked among the **top 24 of 839** technical institutions in the SWRO Region.
We have been awarded a **4-Star Rating** by the Ministry of Education's Innovation Cell and the Institution's Innovation Council
for the academic year 2023-24.



IIC 7.0 : All activities completed and updated in the IIC Portal and waiting for performance rating

IIC 8.0 : All Q1 activities completed and activities for quarter 2 ongoing.



7. Review on R&D activities AY 2025-26

TITLE
Seminar on R & D Awareness and Capacity building towards Research Ethics, Funding sources and global best practices – Faculty and Students on 14.11.2025
Short Term Training Program (STTP) on “Research Challenges in Advanced Power Converters for Industrial Electronics Applications” from 12.11.2025 to 13.11.2025
Expert Talk on Innovation in Research Publications on 28.10.2025
Training on Turnitin: How to View and interpret Similarity on 27.10.2025
Building Bridges to Publication: A Workshop on Submitting to Transactions on 27.09.2025
One Day Workshop Role and Importance IPR in the Present scenario on 13.08.2025
Empowering Innovators Through Patent Drafting Skills on 28.08.2025
Expert Talk on “Introduction to IPR & Design Thinking on 28.10.2025
Expert Talk on “Ideas, Innovation and Patents on 31.10.2025
Seminar on Intellectual Property Rights on 6.11.2025
IPR and Significance of Technology Transfer from 26.11.2025 to 27.11.2025





7.Review on R&D activities AY 2025-26 – Research Excellence Awards



Highest Quality Publication Award



Highest h-Index Award



Highest Patent Published Award



Highest Research Grants Received Award

**Proud to Announce that NHCE has been selected
by AICTE to establish**



**All India Council for
Technical Education**

AICTE - IDEA Lab

(Idea Development, Evaluation & Application)



**Skill Development Center
Multi Disciplinary Research
Industry - Academia collaboration**

- ❖ AICTE IDEA Lab – Empowering Innovation & Hands-on Learning
- ❖ Enhancing experiential learning, innovation, and industry-academia collaboration.
- ❖ Key Facilities: 3D Printing, CNC Machines, IoT, AI, Robotics, PCB Fabrication, Advanced Software.
- ❖ Funding: AICTE support with institution & industry collaboration.

Benefits:

- ❖ Fosters entrepreneurship & startups
- ❖ Supports patents & prototype development
- ❖ Bridges academia & industry gap
- ❖ Encourages hands-on skill development
- ❖ Impact: Innovation centers, research publications, hackathons, and skill-based learning for future-ready engineers.



7. Review on R&D activities– Activities Conducted by IDEA Lab

Sl.No	Activity	Duration	Type of attendee	Number of attendee
1	Skill Development Program	28-07-2025 to 30-07-2025 (3 days)	College Students	47
2	Summer Camp	05-05-2025 to 16-05-2025 (12 days)	School Students	43
3	Open day	13-10-2025 (1 day)	School Students	36
4	Skill Development Program	06-10-2025 to 11-10-2025 (6 days)	Lab Instructors	40
5	Product Design and Development	22-09-2025 to 27-09-2025 (6 days)	Faculty Members	36
6	Ideathon	19-11-2025 to 21-11-2025 (3 days)	UG students	356



Name of the Student Branch Chapter	Establishment Year	SBC Details
IEEE Women in Engineering	2022	New Horizon College of Engineering, WIE (SBA66131)
IEEE Power Electronics Society	2020	New Horizon College of Engineering, PEL35 (SBC66131)
IEEE Robotics and Automation Society	2022	New Horizon College of Engineering, RA24 (SBC66131A)
IEEE Industrial Electronics Society	2022	New Horizon College of Engineering, IE13 (SBC66131B)
IEEE Computer Society & IEEE Sensor Council	2023	New Horizon College of Engineering, C16, SEN39 (SBC66131C)
IEEE Power and Energy Society	2023	New Horizon College of Engineering, PE31(SBC66131D)
IEEE Microwave Theory and Technology Society	2023	New Horizon College of Engineering, MTT17 (SBC66131E)
IEEE Dielectrics and Electrical Insulation Society	2025	New Horizon College of Engineering, DEI32 (SBC66131F)
IEEE Transportation Electrification Council	2025	New Horizon College of Engineering, TEC802 (SBC66131G)
IEEE Council on Superconductivity	2025	New Horizon College of Engineering, CSC41 (SBC66131H)
IEEE Biometrics Council	2025	New Horizon College of Engineering, BIO46 (SBC66131I)
IEEE Nanotechnology Council	2025	New Horizon College of Engineering, NANO42 (SBC66131J)
IEEE Systems, Man and Cybernetics Society	2025	New Horizon College of Engineering, SMC28 (SBC66131K)
IEEE Circuits and Systems Society	2025	New Horizon College of Engineering, CAS04 (SBC66131L)



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26 – Even Sem

2022-26 Batch Placement Statistics

Branch	Total number of Students	Not interested in placements	Registered for Placements	No. of Offers	Students Placed	Yet to be Placed
AIML	202	7	195	110	100	95
CSE	295	12	283	176	162	121
CDS	153	18	135	105	81	54
ECE	186	6	180	84	74	106
EEE	112	10	102	30	27	75
ISE	218	10	208	155	132	76
MEE	48	18	30	9	8	22
CE	65	0	65	36	34	31
MCA	167	9	158	84	71	87
MBA	178	14	164	41	38	126
MTECH	18	1	17	4	3	14
Total	1642	105	1537	834	730	807

* Placements are ongoing for 2026 Batch. Numbers include 197 exclusive internship offers from Mobilean Technologies



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

2022-26 Batch Placement Statistics

Number of companies for 2026 Batch: 72

<u>Sector</u>	<u>Number of Companies</u>
Core Engineering	17
IT	52
Non Core/ Non IT	2
Total Companies	71

Average CTC for 2026 Batch: INR LPA 7,50,000

Highest CTC for 2026 Batch: INRLPA 38,02,116



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs

2022-26 Batch Assessment / Interview conversion Statistics

Company	No of students participated	Assessment conversion	Selects
Accenture	859	36	TBD
Accrete Globus Technology	330	24	1
BOSCH	533	44	3
Bulk Liquid Solutions	47	18	6
Conneqtions Group	289	32	6
Epicor	221	28	4
ESKO	546	16	4
Eurofins	638	28	7
LTI Mindtree	763	84	24
Societe General	70	42	12

Company	No of students participated	Assessment conversion	Selects
Infosys	558	119	67
IBM	227	6	0
MU Sigma	355	0	0
Data Grokr	56	3	0
Siemens	504	142	2
QSC	251	10	4
Rubrik	95	19	4
Meltwaters	58	15	4
Presidio	489	31	3



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs

Key areas of focus

- ❖ Industrial oriented training for students of core branches
- ❖ Fundamentals & independent (non-AI) programming capabilities to be improved
- ❖ The application of programming knowledge and concepts needs further improvement. Student-driven coding clubs should be more active to motivate learners and increase the number of internal coding activities conducted each semester.
- ❖ Left shift academics to enable Open Elective subjects to be offered from 4th Semester onwards
- ❖ Students to actively involve in project - based activities beyond curriculum.
- ❖ Industry-mentored mini projects and capstone pathways to be introduced from early semesters, enabling students to solve real-world problems and gain exposure to professional workflows.
- ❖ Outcome-based, skill specific global certifications (coding, design, simulation, manufacturing tools, etc.) to be embedded into the program, ensuring measurable competency beyond course completion.



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

Activities of Centers of Excellence

☐ Centres of Excellence active as on date: 12

- ❖ Emphasis is placed on maximizing the utilization of existing COEs and MoUs.



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26 - Even Semester - Activities of Centers of Excellence

COEs & IIIC	Activity Details	Number of Students/ Faculty	Date
Nokia	As part of Nokia Bangalore University Collaboration (NBUC) a Faculty Development Program- 2025 on "5G & Beyond: Bridging Tomorrow" was conducted for faculty members at their premises.	2	28.07.2025-01.08.2025
CISCO Networking Academy	Virtual Internship Program 2025, industry session: Enabling skillsets of the future		08.08.2025
Microland	ML Academy was inaugurated through which 100 hours of integrated lab sessions on a curriculum offered by Microland will be executed every semester.	2	11.08.2025
Capgemini VLSI	Workshop on "IC Fabrication Process and Building Blocks of VLSI Design	24	04.09.2025
	ASIC Design Overview, RTL to GDS2 Implementation Flow	27	17.10.2025
Microland	Conducted 1 technical training sessions & soft skills sessions on "Presentation Skills, Public Speaking, and Overcoming Stage Fear" were conducted for all shortlisted students	43	27.09.2025
Juniper Networks	Cloud Networked Robotics	68	19.09.2025
SAP Labs	Tech Talk on "Innovate and Inspire by Tech Mahindra	350	21.08.2025
	Business Builder Training Program – structured in three phases; the first two phases have been successfully completed, and the third phase is currently in progress.	25	31.10.2025
Capgemini PLM	Five-day FDP on "Next-Gen Product Innovation: CATIA, ENOVIA & 3D EXPERIENCE"	20	08.09.2025-12.09.2025



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26 - Even Semester - Activities of Centers of Excellence

COEs & IIC	Activity Details	Number of Students/ Faculty	Date
CISCO Networking Academy	Workshop for students on “Hack the Stack: Cisco Ethical Hacking - From Sniffing to Flooding: Network Attacks in Action”	28	23.09.2025
Nokia	As part of commemorating 100 Years of Nokia Bell Labs, Nokia Bangalore University Collaboration (NBUC) a project on “Fault Management Tracking and Trend Prediction using LLM” was shortlisted	20	03.11.2025
Microland	Soft Skills Training session was conducted on Corporate Communication and Accent Neutralization for Microland Open Elective Students	40	08.11.2025
Microland	Technical and soft skills training sessions were conducted for Microland Open Elective Students	41	22.11.2025
Microland	Series of assessments were conducted with the objective of evaluating and finalizing internship offers for the shortlisted students of Microland	35	29.11.2025
Wipro	15 days virtual FDP on DA & AI track for CSE Allied branches Faculty members	5	01.12.2025- 17.12.2025



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

Industry Institute Interaction Cell - Active MoUs (32 Nos): AY: 2025-2026

Sl No	MoU associated with	MoU signed date/ Renewed date	Validity	Purpose of Collaboration
1	Automation Anywhere	25-04-2022	No expiry	Open Elective Offered
2	Juniper Networks	08-08-2022	No expiry	Open Elective Offered
3	IBM Open Power Foundation	14-09-2022	No expiry	Exposure to Open POWER architecture, Linux-based systems, and open-source technologies
4	Brillio	04-01-2023	No expiry	Open Elective Offered
5	Siemens Large Drives India Pvt Ltd.	01-02-2023	3 years	Industry Tagged Lab-AIML
6	Capgemini VLSI	02-08-2025	2 years	Open Elective Offered
7	MEI	12-10-2023	No expiry	Consultancy and Internship
8	Capgemini Industry 4.0	22-10-2023	2 years	Open Elective Offered
9	AFGS	04-01-2024	2 years	Consultancy/Hiring. Company has blacklisted NHC.
10	ZF Digital Solutions	18-01-2024	3 years	Consultancy (CSE/ISE)
11	Chardvedha Solutions	10-02-2024	2 years	Consultancy (EEE/CSE)
12	Capgemini 5G	01-03-2024	2 years	Open Elective Offered



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

Industry Institute Interaction Cell - Active MoUs (32 Nos): AY: 2025-2026

Sl No	MoU associated with	MoU signed date/ Renewed date	Validity	Purpose of Collaboration
13	KMA	20-03-2024	2 years	MBA- FDP/ Workshops/ Training
14	English Arcade	27-03-2024	2 years	Corporate training to students
15	Preprod Corp Pvt Ltd	08-05-2024	3 years	Industry bootcamps for students and faculty
16	Capgemini PLM	26-07-2024	2 years	Open Elective Offered
17	Polycab India Limited	02-08-2024	No expiry	Industry-oriented training, workshops, and certification programs for students and faculty
18	SAP	01-09-2025	1 year	Open Elective Offered
19	Nokia	14-10-2024	3 years	Industry-oriented training, workshops, and certification programs for students and faculty
20	Visionet Systems Pvt Ltd	20-12-2024	3 years	Industry-oriented training, workshops, and certification programs for students and faculty
21	Rooman Technologies	28-01-2025	3 years	Skill Development & Internships
22	Waters India Private Limited Global capability Center	19-02-2025	2 years	Internships and Placements
23	Siemens Technology and Private Limited	01-03-2025	2 years	Apprenticeships



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

Industry Institute Interaction Cell - Active MoUs (32 Nos): AY: 2025-2026

Sl No	MoU associated with	MoU signed date/ Renewed date	Validity	Purpose of Collaboration
24	Wipro Limited India	07-03-2025	2 years	Train The Trainer Programs for Faculty
25	PI square Technologies India Pvt Ltd	08-04-2025	2 years	QNX to be offered as Open Elective in Even Sem
26	Unisys India Pvt Ltd	12-04-2025	3 years	Training programs
27	Microland Limited	01-05-2025	3 years	Open Elective Offered
28	Whitefield Area Commerce and Industries Association	28-05-2025	No expiry	Industrial visits, expert talks, workshops, and training programs
29	N'kisi Institute of Training	31-05-2025	2 years	Training programs
30	Merck Life Sciences Private Limited	06-08-2025	5 years	Internships, industrial visits, and expert lectures
31	Virtusa	10-07-2025	3 years	Hands-on training, live projects, and internships
32	Capgemini SAP	01-09-2025	2 years	Industry-oriented training, workshops, and certification programs for students and faculty



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

Skill Development Centre Report (2025 - 26) – Even Semester

Sl.	Name of the program	Month	Beneficiaries
1.	FDP on "Generative AI and Prompt Engineering"	July	50
2.	Skill Development Program on PCB Designing, Laser printing, and vinyl cutter	July	28
3.	FDP on Mastering Emotional Intelligence for Inclusive and Adaptive Teaching	August	97
4.	FDP on Innovative Pedagogies and Technological advances in Wireless Communication, VLSI, and Artificial intelligence	September	22
5.	FDP on Next-Gen Product Innovation: CATIA, ENOVIA & 3DEXPERIENCE	September	20
6.	Induction Training for New Faculty Members	September	33
7.	Workshop on “Building GenAI Applications using LangChain and Ollama	September	33



8. Review on Placement Status, Centre of Excellence, Skill Enhancement Programs for AY 2025-26

Skill Development Centre Report (2025 - 26) – Even Semester

Sl.	Name of the program	Month	Beneficiaries
8.	Skill Development Program on Fire Drill and Fire Safety Training	September	50
9.	Workshop on Smart Board Interactive Training	October	159
10.	Workshop on “New Age Pedagogy”	November	138
11.	FDP on The Great AI Divide: Why the Same Tool Produces Plagiarism for Novices and Breakthroughs for Experts?	November	120



**9. Details of Faculty enrolled for workshops/ seminars, MOOC, in-house and external
Conferences, Seminars conducted
(June 2025 to December 2025)**

Branch	Workshops	MOOC Courses	Conferences	Seminars Conducted
AS	14	17	5	0
AIML	14	8	12	1
CSE-1	3	5	15	0
CSE-2	22	9	10	11
CSE-3 / ISE	31	21	12	1
CSE-DS	14	7	12	0
ECE	6	2	1	0
EEE	15	4	16	0
ME	25	1	5	4
MCA	8	4	0	0
MBA	5	2	10	0
Total	157	80	98	17



10. New Horizon Council for Innovation Incubation & Entrepreneurship activities and progress (NHCIIE) AY 2025-26

KEY-HIGHLIGHTS:

- Incubated **01** student Pvt. Ltd. and 02 LLP [Incorporations](#) with Ministry of Corporate Affairs.
- Incubated **02** [Corporate](#) startups, namely SPOTMIES LLP and Fortis EI Pvt Ltd (Letter of Interest and MoU draft shared)
- No. of Workstations availed by startups
 1. 8 by Greyrom Pvt Ltd (student startup)
- **30 Ideas Short listed for MSME Hackathon 5.0 (Awaiting Results)**
- **Total No. of Startup Ideas Registered at NHCIIE Till date = 37**
(33 NHCE Student Teams, 01 NHPS Student, 01 NHG Student, 01 NHCK Student Team, 01 NHCM Student)



10. Review on New Horizon Council for Innovation Incubation & Entrepreneurship activities and progress (NHCIIE) AY 2025-26

Details of Activities organized for the AY 2025-26 (Odd Sem)

- ❖ Received 10 license of MATLAB from MathWorks under Startup Program.
- ❖ Received Approval for Rs 2laks for Training from IIT Ropar
(Dr R J Anandhi – 1 Lakh & Dr Rajesh G-1 lakh)
- ❖ **278** students' teams participated in the **Internal Hackathon for SIH- 2025** held dt. 13 Sept 2025.
- ❖ **11** Innovation and Entrepreneurship Activities conducted as Self-driven Activities for NHCE,NHCM & NHCK students.
- ❖ QuantumX-2026 Tech Fest Theme Reveal Completed



11. Report on Sports Achievements AY 2025-26



R PUSHPALATHA REDDY (1NH23BA111) has secured **Bronze Medal** in Javelin Throw(W) in VTU State Level Annual Athletic Meet-2024-25 held at JNNCE, Shivamogga from 14th to 18th March 2025.



SAHANA NANDAKUMAR (1NH25CS284-T) has bagged **6 MEDALS** 🏅 🏅 - which involves* **4 SILVER*** 🥈 and **2 BRONZE** 🥉 MEDALS in various swimming events at VTU State level Inter collegiate SWIMMING Competition 2025-26, held at Basavanagudi Aquatic Centre - Bangalore, organised by MSRIT. She has also selected to Represent **VTU in ALL INDIA INTER UNIVERSITY COMPETITION**. Also New Horizon College of Engineering has bagged **RUNNER UP** position (2nd place) in overall ***Women Championship *** 🏆 at this event



11. Report on Sports Achievements AY 2025-26



YOSHITHA JAGADEESAN
(1NH25EC085-T)

Represented VTU Swimming (W) Team in **All India** Inter University Championship held at SRM University, Tamil Nadu from 18th To 24th December 2025.

Also Selected to Represent VTU in Khelo India University Games 2026



SAHIL YADAV
(1NH22AI096)

Represented VTU Basketball (M) Team in **South Zone** Inter University Championship held at SRM Science & Technological Institution, Chennai Tamil Nadu from 24th To 28th December 2025



AKASH V H
(1NH22AI015)

Represented VTU Basketball (M) Team in **South Zone** Inter University Championship held at SRM Science & Technological Institution, Chennai Tamil Nadu from 24th To 28th December 2025



SHREYA S
(1NH25ME523-T)

Represented VTU Basketball (W) Team in **South Zone** Inter University Championship held at Christ University, Bangalore Karnataka from 29th Dec 2025 To 2nd Jan 2026



NANDANA D SHENOY
(1NH25CS478-T)

Represented VTU Basketball (W) Team in **South Zone** Inter University Championship held at Christ University, Bangalore Karnataka from 29th Dec 2025 To 2nd Jan 2026



11. Report on Sports Achievements AY 2025-26





11. Report on Sports Achievements AY 2025-26





11. Report on Sports Achievements AY 2025-26





12. Report on Co-Curricular Activities AY 2025-26



EMSYS CLUB



AEROBOTS CLUB



GREEN ENERGY CLUB



ROBOHORIZON CLUB



INNOVATION CLUB



EVOLVE.AI



TECH FORGE CLUB



MOBILE APP DEVELOPMENT CLUB



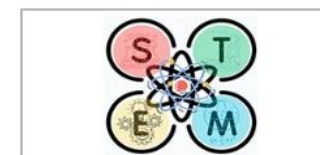
BUSINESS AND INFORMATION TECHNOLOGY CLUB



HEALTHXCEL CLUB



CYBERSECURITY AND ETHICAL HACKING CLUB



STEM CLUB



DATA ANALYTICS CLUB



ED & START UP CLUB



FOSS CLUB



13. Report on Extra-Curricular Activities AY 2025-26



Rotaract NHCE
Rotaract NHCE



EXTANTUS
Dance Club



Expressivo
Music Club



VIBGYOR
Art Club



LIT
Literary Club



TEDx
TEDx Club



NSS
NSS Club



POLITIKOS
Socio-Political Club



Fitness Beat
Fitness Club



NHCE MEDIA
Media Club



FASHIONISTA
Fashion Club



LEO
Leo Club



Green Warriors
Green Club



Drama Club
Drama Club



Alumni Club
Alumni Club



14. Report on Alumni Association Activities AY 2025-26

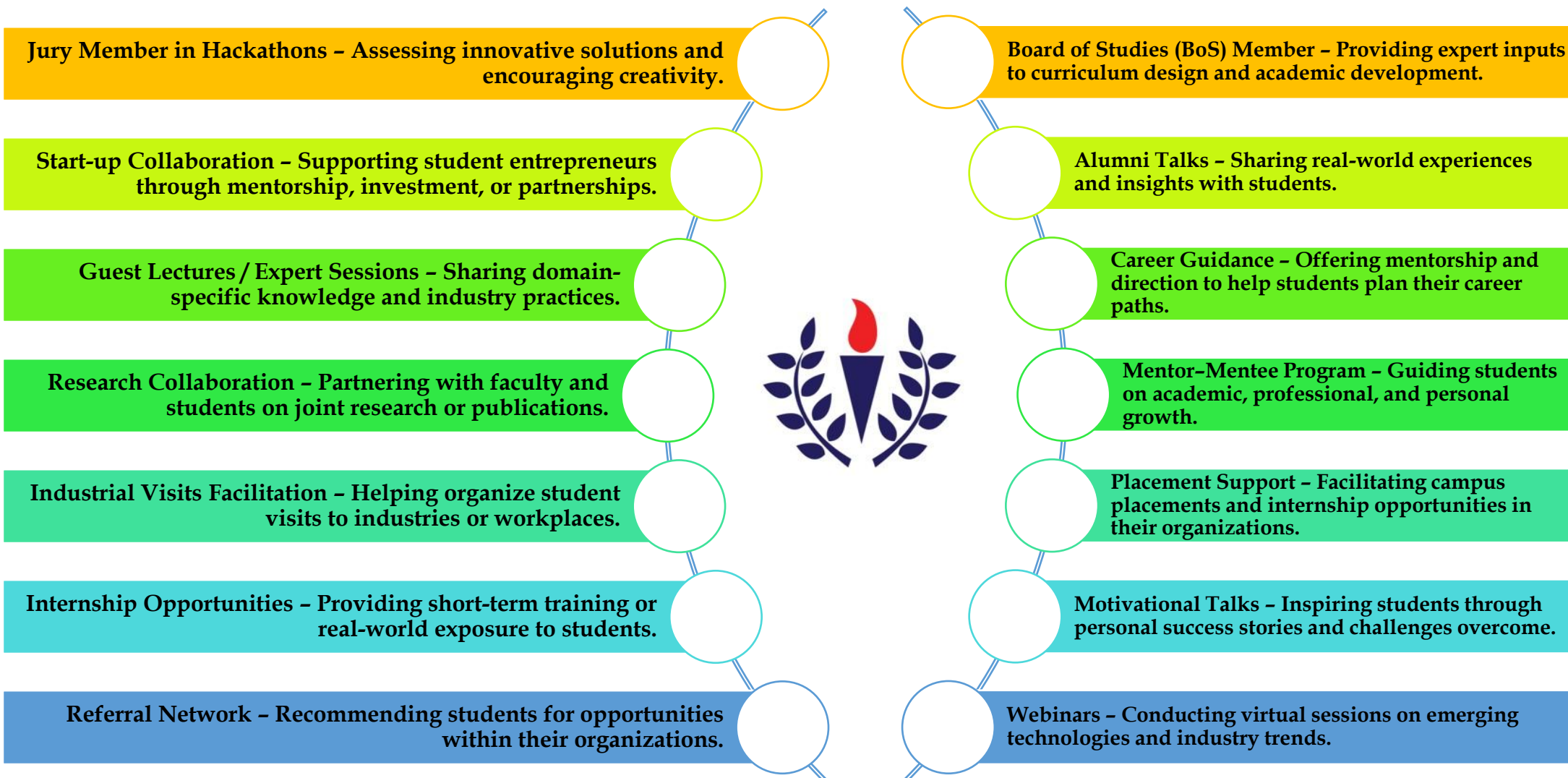
Activity Parameter	Outcome
Alumni Talks	21 sessions
Alumni Meet – Silver Jubilee	1 Major Event
Alumni involved in BoS, Panels	20+
Internship/Placement Support	Actively contributed
Mentoring & Guest Lectures	Ongoing

Reputation Building

- Alumni Recognition in National & Global Firms



14. Report on Alumni Association Activities AY 2025-26





15. Report on UG Graduation Day 2025

UG Graduation Day Ceremony was held on 2nd August 2025 for 8th autonomous batch of BE Program. Bachelor of Engineering Batch 2024-25

- Total number of students graduated: 1,059
- Total number of Rank Holders: 71
- College Topper – CSE: Ms. Diksha S
- Distinguished Chief Guests:
 - **Shri Manoj Kumar, IFS, Principal Secretary, Forest Department, Government of Karnataka**
 - **Dr. Shankari Murali, ICAS, Joint Secretary and Financial Advisor, Department of Space, Government of India**

Both Chief Guests addressed the gathering and motivated the graduates to uphold excellence and integrity in their future professional journeys.



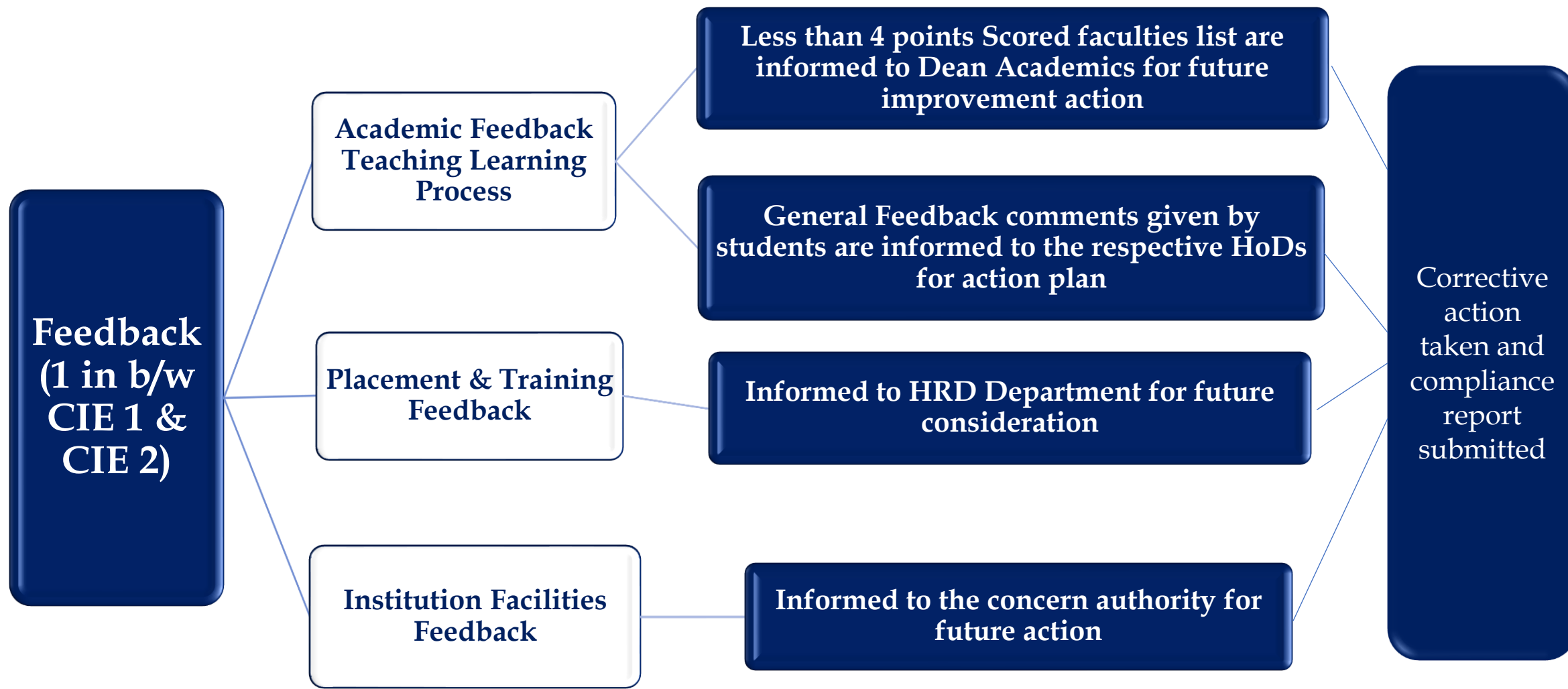
15. Report on PG Graduation Day 2025

PG Graduation Day Ceremony – 11th October 2025 (MCA | MBA | M.Tech)

- Total number of students graduated: 366
- Overall Postgraduate Topper
M.Tech: Ms. Chandralekha V Girradi
- **Chief Guest: Shri Devraj K, Joint Director, Ministry of Micro, Small and Medium Enterprises (MSME), Government of India**
- **Guest of Honour: Mr. Sudharshan Reddy HR, Regional Director, Visvesvaraya Technological University (VTU), Bengaluru**
- The Chief Guest appreciated NHCE's progress in innovation and intellectual property, motivating graduates to blend technical skills with empathy, adaptability and integrity.



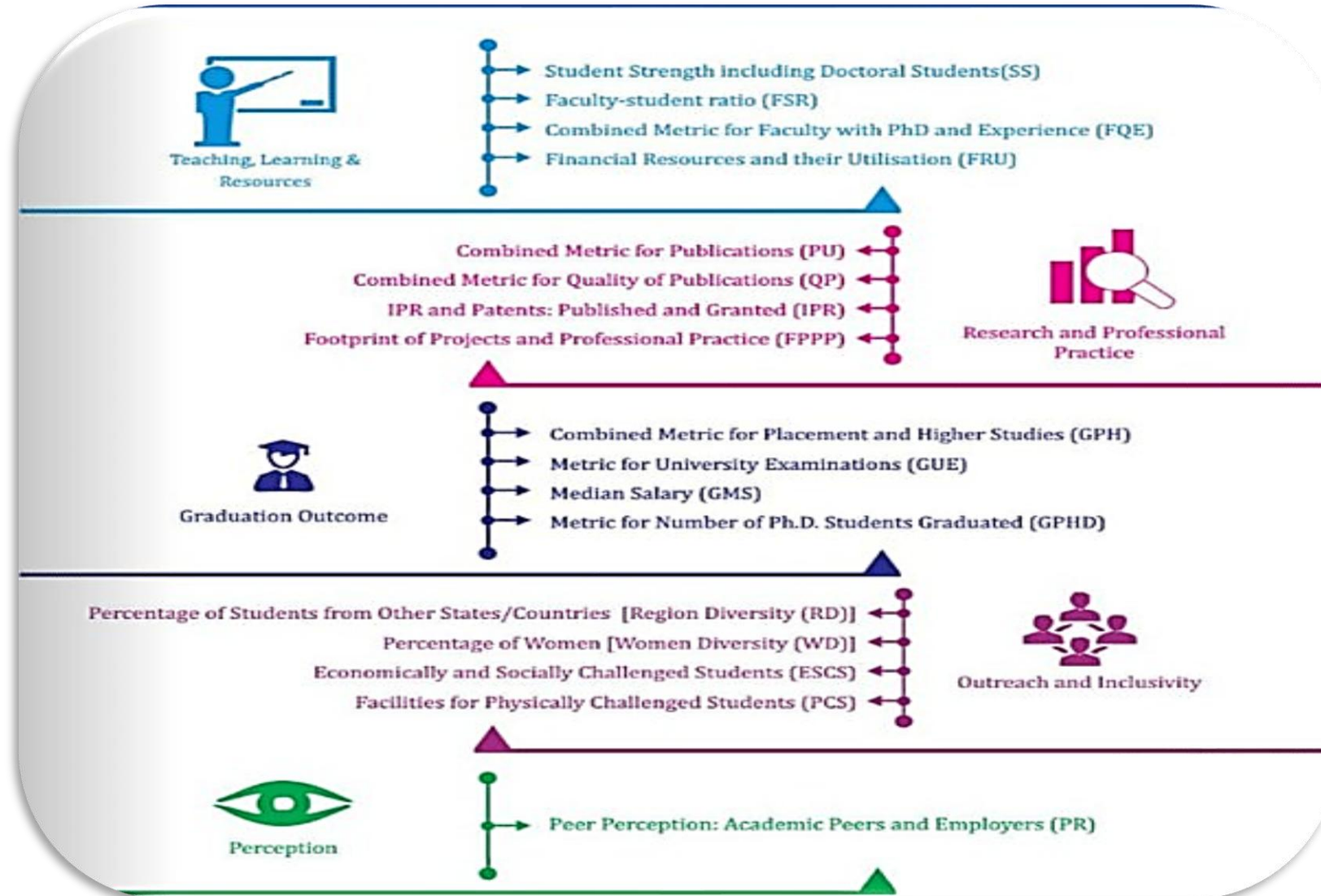
16. Feedback Mechanism



Frequency for obtaining feedback is once a semester and 2 times in an academic year



17. NIRF Strategic Plan 2026





17. NIRF Strategic Plan 2026

NIRF Ranking Parameter with weightages

- Teaching Learning & Resources
- Research & Professional practice
- Graduation Outcome
- Outreach and Inclusivity
- Perception

