YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution	New Horizon College of Engineering
• Name of the Head of the institution	Dr.Manjunatha
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08066297777
• Alternate phone No.	9731922177
• Mobile No. (Principal)	9901916000
• Registered e-mail ID (Principal)	principal@newhorizonindia.edu
• Address	Outer ring road, near Marathalli, Kaverappa Layout, Kadubeesanahalli
• City/Town	Bengaluru
• State/UT	Karnataka
• Pin Code	560103

2.Institutional status

• Autonomous Status (Provide the date of conferment of Autonomy)	28/02/2017
• Type of Institution	Co-education
• Location	Urban

- Financial Status   **Self-financing**

- Name of the IQAC Co-ordinator/Director   **Dr. Sanjeev Sharma**

- Phone No.   **08066297777**

- Mobile No: **7829176479**

- IQAC e-mail ID   **iqac@newhorizonindia.edu**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://newhorizoncollegeofengineering.in/wp-content/uploads/2024/05/AQAR-2022-2023.pdf

4.Was the Academic Calendar prepared for that year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://newhorizoncollegeofengineering.in/calendar-of-events/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.23**	**2016**	**29/03/2016**	**28/03/2021**
Cycle 2	**A**	**3.25**	**2022**	**11/01/2022**	**10/01/2027**

6.Date of Establishment of IQAC   **15/10/2014**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
New Horizon College of Engineering	Academic Grant	Air Force Technical College, Bangalore	10/06/2024	4287520.00
Electronics and Communication Engineering	Grant value of Synopsis Tool	Department of Telecommunication, GOI (DOT)	22/07/2024	50,00,000.00
Artificial Intelligence and Machine Learning	Academic Grant	Indian Society for Technical Education (ISTE), Karnataka Section	29/05/2024	10,000.00
New Horizon College of Engineering	KSCST - SPP	Karnataka State Council for Science and Technology (KSCST)	19/04/2024	2,34,500.00
Electronics and Communication Engineering	Grant-in-Aid	Ministry of Education, GOI (MOE)	15/06/2024	10,28,000.00
Applied Sciences	Grant-in-Aid	Ministry of Education, GOI (MOE)	26/10/2024	1,12,000.00

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9.No. of IQAC meetings held during the year   **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?   **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?   **No**

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

1. NBA - Tier 1 Accreditation received for eligible UG programs 2. Ranked among 151-200 band in NIRF Ranking 3. Industry Sponsored Lab - Intel Corporation, Brillio & Eurofins 4. Upgradation of Centre for Innovation, Incubation and Entrepreneurship 5. Establishment of Centre of Excellence in collaboration Capgemini, IBM, Juniper & Siemens.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Improvement in number of students Placed in companies	Secured rating of 'AA' in NPTEL Local Chapter rating based on online certification. New Horizon College of Engineering also secured maximum number of NPTEL stars for the year 2023
Improvement in number of students Placed in companies	978 students placed for the year 2023-24
To Participate in National Institutional Ranking Framework and ATAL Ranking of Institutions on Innovation Achievements	Secured 151-200 band Rank in NIRF 2024 and Bagged 4 star rating in IIC 5.0
Improvement in number of SCOPUS indexed publications	AY - 2023: 614, AY - 2024: 1009 Scopus Indexed Publication
Improvement in Patents filing and Publication	16 patent granted, AY - 2023:176 patent published, CY - 2024: 89 patent published
Encouragement towards B.E Honours degree	35 Students successfully registered for B.E Honors degree program

13.Was the AQAR placed before the statutory body?   Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Council Meeting	15/12/2023

14.Was the institutional data submitted to AISHE ?   Yes

- Year

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11.Significant contributions made by IQAC during the current year (maximum five bullets)

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Governing Council Meeting	15/12/2023

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
2022-23	05/04/2024

15.Multidisciplinary / interdisciplinary

New Horizon College of Engineering provides a holistic development of students across multi-disciplinary engineering disciplines. The salient features which contribute for the deeprooted interdisciplinary culture at NHCE campus are the following: Open Elective offered across the departments, allow the students to specialize in various courses offered by different departments. Hence students from non-circuit branches can equip themselves with these interdisciplinary courses. Mini Project taken up by the students in various semesters can address the real-world problems with solutions which are amalgamation of various disciplines. Major Project enriches multidisciplinary areas in the work carried out by the final year students. Students from different engineering backgrounds form team and exhibit the ideas modelled as working model. Options for selecting interdisciplinary MOOC/ Online courses are provided to all the students. Multidisciplinary Internship is promoted in the Institution. Interdisciplinary Faculty Development Programs are conducted. Interdiciplinary Research Publications and Patent filing are encouraged amoung the faculty members. Multidisciplinary Expert Lectures/Industry Training are organised to the students on regular basis.

16.Academic bank of credits (ABC):

The institutional preparedness in implementation of Academic Bank of Credits is dependent on the guidelines of the Affiliated University (Visvesvaraya Technological University) and Higher Education Department, Govt. of Karnataka. To satisfy the purpose of this initiative, a link between centralised database and the database of the college is to be established for digitally storing the academic credits earned by the students from various courses. ABC will allow higher education institutions to maintain a digital repository of credits earned by students.New Horizon College of Engineering has registerd to National Academic Depository with the ID - NAD011957 and providing students with academic credit Bank accounts.

17.Skill development:

NHCE's HRD department recognizes the significance of 21st Century Skills and is committed to fostering skill-building among students. The department's goal of preparing students for the

industry canters on developing Communication and Life Skills to complement their Technical Skills. The Centre for Life Skills and Lifelong Learning, which operates under the HRD, offers a range of courses to help students develop these essential skills. The centre's structured curriculum focuses on imparting the three main Skills - Learning Skills, Life Skills, and Literacy Skills - which are integral to 21st Century Skills. The center's courses are carefully designed to complement the Core Technical Skills taught in the college's various Engineering departments. The Communication and Life Skills courses are offered to students as credit courses in their first and second years of the Engineering program, respectively. The Learning Skills component includes the "Communicative English" course, which is aimed at empowering students to communicate confidently from the first semester. This course uses alternative teaching methods to create a focused learning environment that encourages students to step out of their comfort zones and communicate with confidence. The "Professional Writing Skills in English" course, offered in the second semester, focuses on building students' professional writing skills to meet the requirements of the corporate world. The Life Skills component includes the "Critical Thinking, Creative Thinking, and Collaboration" course, which is offered in the second year of the Engineering program. The Centre for Life Skills and Lifelong Learning also fosters Flexibility, Leadership, Initiative, Productivity, and Social Skills through its Life Skills modules. These activity-oriented modules help instill in students the skills they need to succeed in both their professional and personal lives. The modules include Goal Setting, Ownership, Self-Awareness, Leadership, Grooming, and Etiquette. Students learn to adapt to change positively, lead themselves and others, take ownership and be responsible, and work productively in teams. They also learn to be social beings through effective communication, teamwork, grooming, and interpersonal skills. To further enhance students' literacy skills, the Centre for Life Skills and Lifelong Learning offers innovative projects that encourage self-study and provide opportunities for students to visit corporations to gain a better understanding of the soft skills expected of them. Through the use of TBL, students can also learn about industry trends and set their goals. NHCE's HRD department ensures that each student goes through the 21st Century Skills program, along with Technical Skills, to become a well-rounded contributor to society. Interdisciplinary Technical Value added program are offered to the students during every semester based on their interest.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language,

culture, using online course)
New Horizon College of Engineering offers regional language-Kannada as a part of courses Aadalitha Kannada / Vyavaharikha Kannada. The college has made several efforts to integrate Indian knowledge system in its curriculam. The college celebrates many commemorative days to make students aware of Indian culture and heritage. Mega intercollegiate event SARGAM is hosted by the instituion to emphasize on the integration of Indian culture and heritage into students life. As a part of integration of Indian Knowledge system, online Yoga course was effective during pandemic period. Recently offline yoga course has been resumed. To inculcate unity and diversity amoung students, Ethinic day is celebrated with culture of all the Indian states
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
New Horizon College of Engineering has adapted Outcome Based Education (OBE) system recommended by National Board of Accreditation (NBA) from the academic year 2015-16. All the programs are accredited by NBA. OBE is a process that involves restructuring of curriculum, academic processes, teaching methodologies, assessment and evaluation systems in education to reflect the achievement of high order learning and are aligned with outcome-based approach. It is a student-centric instruction model that focuses on measuring student performance through outcomes. Outcomes include knowledge, skills and attitudes. Reports of outcome analysis help to find curricular gaps and carryout continuous improvements in the education system of an Institute, which is very essential. The curriculum is based on norms of AICTE, UGC, VTU and referring to the curriculum of premier institutions like NITs, IITs, foreign universities etc. COMPONENTS OF OBE: Vision and Mission of the Institute- New Horizon College of Engineering has well-defined Vision and Mission. Vision and Mission of the Department – Every department has framed their own Vision and Mission aligned with Institution's Vision and Mission. The Department's vision and mission are found through a consultative process involving the stakeholders, faculty of the department and the Advisory Board members of the Institution. Programme Educational Objectives (PEOs) – Every department has 4-5 PEOs which are defined after following a wellstructured process. The Program Educational Objectives are established through a consultation process involving the core constituents such as students, alumni, industry, faculty and employers. Programme Outcomes (POs)- The curriculum of all programmes is designed to attain all twelve Program outcomes defined by NBA. Programme Specific Outcomes

(PSOs) – All programmes have two PSOs which are framed through a consultation process involving the stakeholders such as students, alumni, industry, academicians, faculty and employers. Course Outcomes (COs)- The course outcomes of all the courses of the curriculum are planned and aligned according to the POs and PSOs. Then, the syllabi of various courses are framed to map those course outcomes.

20.Distance education/online education:

To inculcate the habit of self-learning in students, New Horizon College of Engineering encourages many forms of online education such as: The professional elective courses of 3rd year (5th and 6th Sem) has NPTEL certification as part of Continuous Internal Evaluation (CIE). For BE honours degrees, students take up NPTEL certification to gain 18 credits extra (as per VTU guidelines). Being a part of e-Shikshana Programme by VTU, the campus facilitates digital infrastructure to host and conduct various online programmes.

Extended Profile

1.Programme

1.1   **12**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   **5750**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **1494**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   5622

Number of students who appeared for the examinations
conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   948

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   296

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**12**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1 Total number of students during the year:	**5750**

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	**1494**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**5622**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1 Number of courses in all programmes during the year:	**948**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2 Number of full-time teachers during the year:	**296**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.3 Number of sanctioned posts for the year:	**296**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**789**
4.2 Total number of Classrooms and Seminar halls	**110**
4.3 Total number of computers on campus for academic purposes	**2000**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**4039.91**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

New Horizon College of Engineering, an Autonomous Institute affiliated to VTU, Belagavi. Curriculum is discussed and defined by various academic bodies like Departmental Advisory board, Programme Assessment Committee, Board of Studies, Academic Council and Governing Council of the Institution. The curriculum contains core, humanities, Applied science, Open elective and professional elective courses. The curriculum is framed and

reviewed every year. The factors considered for design of curriculum are: Model curriculum prescribed by AICTE Industry experts and alumni Suggestions Digital Learning platforms like Swayam NPTEL and virtual labs are incorporated in the curicullum Recent development on emerging technologies are delivered through TEDx Talks Collaboration with International Universities in France and Japan facilitates the global development need of students Emerging technologies are made as part of curicullum and students are given interdisciplinary/multidisciplinary cources as electivies Leaner centric curricullum with flexiblity in cource selection along with multiple entry and exit options are provided The scheme is designed based on the credit distribution, number of core and elective courses, competency level of students and placement requirement. The Course Outcomes (COs) for every course and the mapping with the Program Outcomes (POs) as defined by NBA and the Program Specific Outcomes (PSOs) are carried out.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://newhorizoncollegeofengineering.in/wp-content/uploads/2024/09/ACM-MOM-2023-1.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

12

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

482

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Gender Sensitivity Gender related courses are an integral

component of various programmes. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. Free counselling services are provided through a Counselling Cell. The women cell and the Anti-sexual harassment committee continuously offer various programs on gender sensitization. Courses to address Environment and Sustainability: The curriculum includes various courses that address concern for environment, awareness on hazards for environment such as 'Environmental Science and awareness', 'Solar Photo Voltaic Fundamentals, Technologies and Applications' etc. In addition to curriculum, the program conducts regular environment awareness through posters, models, Power point presentations, technical talks and seminar through Green Energy Club. Many projects are undertaken by students relating to environmental and sustainability issues like water pollution, sewage water treatment, environment protection and use of natural resources. Courses to address human values and professional ethics: The curriculum includes various courses to address professional ethics and human values such as 'Constitution of India & Professional Ethics', 'Professional Communication', 'Essential English' 'Economics for Engineers' and 'Life Skills for Engineers'. To communicate and to understand the regional language, the program offers the course 'Aadalitha / Samskrithika Kannada / Vyavaharika Balaka Kannada' for the second year

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

28

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

812

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2574

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://newhorizoncollegeofengineering.in/wp-content/uploads/2025/01/NHCE_Stakeholder-Feedback-2023-24.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	**A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://newhorizoncollegeofengineering.in/wp-content/uploads/2025/01/NHCE_Stakeholder-Feedback-2023-24.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1627

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

547

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Bright students are found on the basis of their class performances, involvement in classroom, internal assessments and grades. The following facilities are there for bright students to apply their learning on various platforms:

- Students are motivated to take up value added courses, MOOC and e-learning courses.
- Students are given opportunity to take up study-abroad program for one semester and BE Honours degree Students are motivated to take up competitive exams like GATE, GRE, TOEFL, IELTS, CAT, PGCET etc.
- Bright and diligent students are motivated and inspired to get top ranks in their SEE and in Competitive examinations.
- They are provided with the guidance about technical paper writing, prototype building and patent filing.
- Financial support is given for bright students if needed for attending conferences/ workshops.

The slow learners are identified from their participation in classroom discussion, performance in the assessment tests (less than 15 out of 25), performance during the viva-voce, University result analysis, etc.

Actions taken:

- Department arranges remedial lectures for slow learners.
- Additional question bank is given to students to improve their learning.
- Mentors are facilitated to understand personal and professional difficulties of students and it is resolved.
- Inclusion of Problem solving sessions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://newhorizoncollegeofengineering.in/centre-for-life-skills-and-lifelong-learning/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/09/2023	5750	296

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

To strengthen the teaching-learning process, following initiatives have been taken:

1. Adherence to Academic Calendar

- Preparation of academic action plans

2. Pedagogical Initiatives - Content Delivery (method of instruction)

- Digital library
- Contineo
- Course Handouts
- Project Based Learning

3. Methodologies to support weak students and encourage bright Students

- Mentoring System
- Identification of Weak Students / Fast Learners
- Action Taken

4. Quality of Class Room Teaching

5. Conduct of Experiments

6. Continuous Assessment in the laboratory

7. Student Feedback and action taken

8. Industry connect labaratory training programs.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://newhorizoncollegeofengineering.in/e-resources/

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

1.DSpace submissions: Institute regularly upload a lot of academically relevant documents on the DSpace repository of NHCE.

The portal is directly accessible from the institutional website. The submissions include power point presentations, articles,

lecture notes, lab manuals and many other useful documents that are beneficial for the students.

Link:https://library-new.newhorizoncollegeofengineering.in/#!

2. Online Lab Videos: In order to facilitate the students to learn laboratories virtually, Lab videos are uploaded in youtube.

Link: https://www.youtube.com/watch?v=g4qevyIfa6c

3.Audio-visual learning (ICT): In many subjects (wherever necessary) audio-visual aids are used. It is a proved fact that audio-visual presentations in the classrooms are more effective in capturing the attention of students.

Link:https://www.youtube.com/watch?v=a4VSZ-65EOY

4.Google Classroom: Faculty members of the institute have also created their own Google sites wherein they upload study material relevant to their own subjects. The links are shared with the students and the contents are openly accessed by all students.

Link: https://classroom.google.com/u/0/w/MTM4OTIyMTQ5MTQ4/t/all

In addition, Smart boards, LCD/LED projectors and provision for interactive teaching learning & High speed internet connectivity ae utilized .Also Simulation software like Xilinx, MATLAB, CADENCE, Mentor Graphics and open source software are encouraged for effective learning.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://newhorizoncollegeofengineering.in/e-resources/
Upload any additional information	**No File Uploaded**

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

260

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar is prepared well in advance for each semester of every academic year. It is prepared as per VTU guidelines in consideration with the Public holidays listed by parent University. Every academic year includes two regular semesters (odd, even) for duration of 16 weeks and a supplementary semester of 7 weeks. The academic calendar consists of reopening

```
day, continuous assessment test dates, assignment submission
dates, last working day, end semester examination tentative
schedule etc for each semester. With prior consultation of the
experts dates of guest lecture, workshops and industrial visits
are planned in the calendar. The calendar is made available to
the staff, students and parents through email and also published
in the student management software tool (Contineo). The calendar
of activities is centrally monitored by the Dean Academic and
Head of the Department and it is ensured that the calendars of
academic activities are strictly adhered. Each course
coordinator has to prepare a Course Content Form (CCF) with
course outcomes, programme outcomes, CO-PO & CO-PSO mapping. CCF
has class wise planning for teaching and also evaluation
process. The Teaching plan will be uploaded in the intranet by
the faculty members and the students can view the same.
```

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

296

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

114

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

5

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

7

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

259

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

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

Examination: The examination for the autonomous courses is conducted by the Institute, in two stages emphasizing continuous Internal Evaluation [CIE] throughout the semester and Semester End Examination [SEE] at the end of the semester. Complete examination process is executed by the Office of the Controller of Examination in coordination with all departments.

Processes/Procedures integrating IT: The examination procedure isautomated with Contineo Software, executing full academic autonomy culminating in secure, confidential, accurate, efficient and auditable examinations of both the digitized answer script and conventional paper and pen variety. Continuous Internal Assessment System: is based on a) CIE test, and b) Quiz, Co-curricular component, mini project, assignments, simulation, experimentation and field visits and so on. The course co-coordinator sets the question paper for the Internal Assessment based on various RBT levels and mapped to the Course Outcomes (COs) to assess the students at various RBT levels. The course coordinator submits the question paper to the BOE committee and the committee checks the quality, format, RBT level and COs compliance and suggests any changes, if required.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://newhorizoncollegeofengineering.in/exam/

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Program Outcomes (POs), Program Specific Outcomes (PSOs) and course outcomes are communicated to the stake holders of the program by the following procedures:

- POs and PSOs are approved by the Department Advisory Board
- POs and PSOs are available in the each department website
- POs and PSOs are kept in prominent locations of the campus for staff, students and public view
- POs and PSOs are displayed in Department office, Laboratories and Department library
- POs and PSOs are communicated to employers and Alumni during the respective meetings
- POs, PSOs are printed on lab records, Lab manuals and Continuous Internal Evaluation Book

Course Outcomes (COs) are framed at Department advisory board meeting. Department advisory board frames course committee for each courses with course handlers along with one subject area expert. The course outcomes and their mapping with programoutcomes and program specific outcomes are elaborately discussed and derived by the course committee members. If necessary, the COs are modified and reframed by the course committee members. COs are communicated to the students during the introduction class itself. CO's along with lesson plan are printed and issued to the students during the first class.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File]()
Upload any additional information	**No File Uploaded**
Link for additional Information	https://department-of-computer-science-engineering.newhorizoncollegeofengineering.in/peo-po-pso/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

ATTAINMENT OF COs

Course articulation matrix is ascertained for all the courses by mapping each COs of the course with the POs and PSOs. A threshold is set for a particular course by the Program coordinator and Course coordinator. The percentage of students

in the class who scored more than threshold percentage of marks in the respective CO is the attainment. Targets are set for each course with attainment levels indicating 1 as Low, 2 as Medium and 3 as High. Assessment of each course is based on Continuous Internal Evaluation (CIE) having 50 % weightage and Semester End Examination (SEE) having 50 % weightage.

ATTAINMENT OF POs

The attainment of POs is calculated based on the COs attainment. Attainment of POs through all the courses is calculated by taking the Average across all Courses addressing the POs/PSOs. For indirect assessments, survey questionnaire is circulated to students, alumni and employer. The surveys are assessed and evaluated to determine the strength of attainment level of POs. Final PO attainment is calculated as the sum of 80% of direct attainment and 20 % of indirect attainment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://newhorizoncollegeofengineering.in/academic-rules-regulations/

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1494

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://newhorizoncollegeofengineering.in/annual-report-2023-2024/

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://newhorizoncollegeofengineering.in/wp-content/uploads/2025/01/Feedback_comparison_report-BE.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

NHCE has well-defined policy for promotion of research which is defined and implemented with following goals

a) To create awareness among faculty members and students about the availability and access to research grants, funding formats etc., appropriately hand hold them to get such funds/grants

b) To development close collaboration with industry through exchange of personnel and undertaking consultancy projects

c) To improve a strong collaboration links with other academic and research institutions in the country and abroad

d) To sensitize/motivate the faculty members and students through structured training and inculcating the knowledge of theory of inventive problem solving in such way to adopt creative process of problem solving

e) To provide an education and learning experience of the highest quality and value to its students in the chosen disciplines

f) To prepare the students in attaining a comprehensive knowledge in order to face the global competition

g) To ensure the participation of students in various R&D or Design Competitions/Awards within India and Abroad The research policy is available and the changes done are updated in the college website and implemented Successfully.

There are 12 Approved Research Centres under VTU for PhD/MSc (By Research) in Engineering/ Technology/ MCA/ Management/ Maths/Physics/Chemistry etc.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://researchnhce.newhorizoncollegeofengineering.in/wp-content/uploads/2024/06/Research-Promotion-Policy-2023-24.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

47.39

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

2

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

118.39

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

75

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://researchnhce.newhorizoncollegeofengineering.in/wp-content/uploads/2024/08/Sponsored-Projects-for-the-AY-2023-24.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

71

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

11

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://researchnhce.newhorizoncollegeofengineering.in/sponsored-research-projects/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution participates in various development activities for Faculty and students with a focus on Research work. The studentstake up the projects in their respective field of study as a part of the curriculum. The library is equipped with e-journals and books which can be accessed by faculty and students. Workshops, Seminars, Guest Lectures are conducted, where the resource persons share their experiences with the students to update their knowledge. Students are motivated to take part in different intercollegiate fests and other cultural activities to enhance their abilities. Besides curricular activities, the students are encouraged to take part in Extra-curricular activities and CSR activities like Unnat Bharat Abhiyan, Swachh Bharath Abhiyan, creating awareness on social responsibility. The teachers are encouraged to attend seminars, conferences and present/publish the papers in the national and international conferences/journals. New Horizon Centre for Innovation, Incubation and Entrepreneurship (NHCIIE) was

established in Jan 2016 with an intention to advance the novel ideas of start-ups and early-stage companies. NHCIIE provides a platform to students, Alumni's, aspiring entrepreneurs, technology start-ups for providing mentoring and consultancy services. To provide unique opportunities to the start-up's ventures, NHCIIE philosophy promotes collaboration to bring the best.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://nhciie.newhorizoncollegeofengineering.in/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

47

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

12

File Description	Documents
URL to the research page on HEI website	https://researchnhce.newhorizoncollegeofengineering.in/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

1.7

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.8

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://researchnhce.newhorizoncollegeofengineering.in/publication/

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

6436

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

55

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

133.16

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	**No File Uploaded**

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

1.2

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	**No File Uploaded**

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

New Horizon College of Engineering is been encouraging students in extension activities in their neighborhood. It can be a powerful way to sensitise them to social issues and contribute to their holistic development. These activities often have a lasting impact on students, fostering a sense of social responsibility, empathy, and a deeper understanding of the world around them.

Here are some extension activities and their impact;

1. Community Service Projects : Organizing and participating in community service projects such as cleaning drives, treeplanting, or volunteering at local shelters.

2. Awareness Campaigns: Conducting awareness campaigns on issues like environmental conservation, health, or literacy in collaboration with local nGOs.

3. Educational Workshops : Conducting workshops on various social issues, inviting experts or local leaders to share insights and experiences

4. Cultural Exchange programs : Organizing cultural exchange programs between students from different socioeconomic backgrounds within the neighborhood. In conclusion, extension activities in the neighborhood play a crucial role in sensitizing students to social issues, fostering a holistic development that goes beyond academic learning. These experiences equip students with essential life skills, a sense of civic duty, and a commitment to making positive contributions to society.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://newhorizoncollegeofengineering.in/student-service-centre/](#)

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

1

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated

programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

19

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2295

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1340

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

22

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Infrastructure and Physical facilities for teaching learning are,

1. Library and Information Centre – Two floor Building, Discussion rooms, Digital library, e-consortium (books, journals, databases, CDs/DVDs, e-books, e-journals, reports, course materials, previous years question papers, bound volumes, project reports, case studies, conference proceedings, etc)

2. Lecture Halls: The Lecture halls are airy, spacious and well ventilated, in conformity with international standards. Extensive use of audio-visual media enables the students to grasp advance technology quiet easily.

3. ICT enabled Smart Class Rooms

4. Auditorium: A 700 seater Auditorium built to emulate international standards for intellectual activities like Conferences, seminars, workshops, debates and inter collegiate competitions, and Guest lectures.

5. Seminar Halls

6. Video Conference Room

7. Laboratories: Physics, Chemistry, Computer, Mechanical, Electrical, Electronics and Civil Engineering

8. Centre of Excellences

9. Industry Collaborated Laboratories

10. More than 2000systems with printing facilities

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/infrastructure/

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

SARGAM

It is an annual state level inter-collegiate cultural fest, which provides great opportunities for the student to involve themselves in various activities which are quite diverse and challenging.

QUANTUMX

It is an annual state level inter-collegiate Techno Management fest, which provides great opportunities for the student to involve themselves in various activities which are quite diverse and challenging.

- **Auditorium: A 700 Seated Auditorium built to emulate international standards for intellectual activities like paper presentations, seminars, workshops, debates and inter-collegiate competitions**
- **Indoor Stadium: Multipurpose Indoor Stadium with the Seating capacity 800+ seats, Changing Room, Rest Rooms for Boys and Girls. Stadium can be used for multiple sports like Basketball, Volleyball, Badminton and Table Tennis etc.**
- **Out Door Play Ground: Outdoor play ground consist of around 1500 seating capacity gallery, 200mtr Athletic Track, Football, Handball, Hockey, Volleyball, Kabaddi, Kho-Kho, Throw ball and Cricket with practice nets Etc.**
- **Outdoor Basketball Court: Outdoor basketball court with Gallery, Flood light, and Rest Rooms for Boys and Girls. NIRVANA (Student Recreation Centre):**
- **Nirvana which is used for Student Recreation like Table**

- Tennis, Chess, Carom and Yoga Center.
- **Outdoor Gym:** Outdoor gym which can used for physical fitness like Full body free hand workouts for Strength and conditioning workouts.
- **Indoor Gym:** We have around 2000square Feet full-fledged Indoor Gym including cardio section, cross fit section, free weight section, Weight Lifting area, strengthen workout equipment's.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://newhorizoncollegeofengineering.in/infrastructure/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

126

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

1536.91

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The NHCE Library is a resource center for teaching, learning & research. Being the heart of the academic center, it is home for all the information services. It plays a proactive role in enabling access to information resources of all kind and providing innovative, responsive and effective services to meet the changing needs of the academic community. The major objective of our library is to provide authentic information to the student at any given point of time. The library is spread over two floors with 605 seating capacity, state of art digital library, ID-Card Center, Video Conference Room, Online class room with recording facility, Students Discussion Rooms, Faculty Discussion Room, and Books & Stationery shops are available in the Ground Floor and Stack Area, Reference Section, Circulation Counter, OPAC Search, Journals/Magazines and Newspaper Sections are made available at the Lower Level of the library building. Currently the library holds over 47418 volumes, 40 print journals, provides access to electronic resources, newspapers and business magazines, and multimedia resources, and also have institutional membership of ISTE, CSI, IETE, and IEI. The library fully automated with integrated library management system (ILMS).

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://library-new.newhorizoncollegeofengineering.in/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

59.87

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

1490

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

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

The purpose of this document is to outline the IT policy and guidelines corresponding to NHCE. New Horizon College of Engineering provides IT resources to support the educational, instructional, research, and administrative activities of the University and to enhance the efficiency and productivity of the employees.This document establishes specific requirements for the use of all IT resources at NHCE. This policy applies to all users of computing resources owned or managed by NHCE. Individuals covered by the policy include (but are not limited to) NHCE faculty and visiting faculty, staff, students, alumni, guests, external individuals, organizations, departments, offices, affiliated colleges and any other entity which fall under the management of NHCE accessing network services via NHCE's computing facilities. For the purpose of this policy, the term 'IT Resources' includes all universityowned, licensed, or managed hardware and software, and use of the university network

via a physical or wireless connection, regardless of the ownership of the computer or device connected to the network. Misuse of these resources can result in unwanted risk and liabilities for the university. It is, therefore, expected that these resources are used primarily for university related purposes and in a lawful and ethical way.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/infrastructure/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5750	2000

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://newhorizoncollegeofengineering.in/infrastructure/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

2502.99

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

The policy for Infrastructure Management has been formulated for planning infrastructure through need analysis considering the guidelines of statutory bodies, procurement of infrastructure ensuring its quality and cost, up-gradation from time to time, proper accounting and safeguarding by putting inventory numbers on each equipment and maintaining an asset register, upkeep of the equipment through regular cleaning, preventive and corrective maintenance including Annual maintenance contracts, insurance against damage and theft. Records of all infrastructure including equipment, software, books, computers and other items shall be maintained by all departments and sections of the institute. For this purpose, a Standard Operating Procedure (SOP) is prepared and circulated. This SOP will define assets/pieces of infrastructure which must be entered in the stock register, the coding of each item and marking of inventory numbers on pieces of infrastructure. The SOP shall also focus on depreciating physical asset verification and its periodicity, transfer of assets from one to the other department, writing off of obsolete items and their

`disposal.Stock verification and auditing of the library is carried out annually. Periodic calibration of equipment's are done. Periodic maintenance of the sports equipment's and sports complex are taken care.`

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/statutory-committee/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

`1248`

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

`650`

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene)	`A. All of the above`

Awareness of Trends in Technology	

File Description	Documents
Link to Institutional website	https://newhorizoncollegeofengineering.in/centre-for-life-skills-and-lifelong-learning/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3043

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

978

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

47

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

38

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

144

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

- The Alumni student representatives are regularly invited to the BOS Meetings. The Views of students are considered while initiating of new courses, curriculum framing, teaching methodology etc. The students are invited to the brainstorming sessions
- The College offers 35student clubs to provide opportunity to students to participate in wide range of Co-Curricular, Extra-Curricular, Social and Community Development Activities.
- The students participate in the feedback system. The Students provide feedback on faculty ,HODs and Institution.
- Few Student Representatives from various branches are invited to Academic Council Meetings.
- The students are part of service and extension activities through NSS, NCC, clubs etc.
- The student representatives are also part of majority of statutory bodies in the institution.
- Best project awards are given in every academic year through tech horizon - A project expo event.
- The Institution has recently established a Technology & Innovation Club for students with an aim to inculcate theculture of innovation amongst students and encourage them to generate new ideas.

- **Students form departmental associations and arrange talks from person of eminence from industry.**
- **Students are also encouraged to form chapters like IEEE, ICT, CSI, SAE etc. to organize activity based programme for students.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/students-clubs/

5.3.3 - Number of sports and cultural events / competitions organised by the institution

151

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Cell registered in 2017, New Horizon College of Engineering promotes new ideas and innovations in science and technology and continues to be a source of pride to all students, faculty and Alumni. Our mission is to create an environment for the growth of our students in association with our Alumni to generate intellectual capability, innovation and entrepreneurial capability, which will contribute towards the growth of Science and Technology in partnership with the industry. Our Alumni have always been recognised for their academic integrity and accountability; they have worked hard not just towards the progress of the Nation but have also supported global concerns. We try to inculcate in our students the respect for others and to imbibe the virtue of tolerance towards every individual. Thealumni of NHCE have contributed immensely to the growth and development of our Nation ranging from Infrastructure

development to the Service sector. Our alumni have occupied very important positions with the Government of India and abroad and many have excelled in entrepreneurship in the corporate sectors. The highly enriched alumni at NHCE are a link between the past and the present which in turn paves the way for a better future.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://newhorizoncollegeofengineering.in/alumni/

5.4.2 - Alumni's financial contribution during the year	**B. 10 Lakhs - 15 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Outlining the Institute's vision, to emerge as an institute of eminence with the motto of in pursuit of excellence, the strategic plan was framed. Vision, Mission and objectives of the Institute focus on the needs of society by providing quality education.

In pursuant to the holistic development of the students the Governing body through scheduled meetings , the academic framework, research and development , the entrepreneurial ecosystem, Industry -academia institution and other strategic priorities were identified and transformative initiatives were undertaken towards positioning the Institute in the realm of top-ranking institutes in the country. Personality development, life-skills and career planning is a part of the holistic development. The academic council in line with the institution mission of fostering research and innovation reviews the industry relevant curriculum with employability skills, prepares the students for the global challenges using the stateof-the-art technology for effective delivery via various pedagogical tools.

The planning process embarked on the multidisciplinary competencies with environmental consciousness with collaborative inputs from all the stakeholders of the academic council for the fulfilment of the mission of the institution. A number of statutory committees are present in the college that are formed taking into the considerations of the students and faculties.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://newhorizoncollegeofengineering.in/2023-24/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The Institute believes in promoting a culture of delegation of powers through strategic policies. The Principal of Institute is assisted by Deans, HODs, Administrative heads, Section in charges and coordinators of various cells in decision making process at the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities. The Academic council approves the proposal of BOS and ratifies the academic regulations, curriculum ,scheme and syllabi. The ACM also recommends the usage of innovative teaching methodologies, collaborative research , fellowships and industrial consultancy The faculty empowerment in the academic framework was ensured through the BOS set up for the periodical review of the curriculum and significant inputs from the faculty is ratified in BOS meeting for the revision of the curriculum To ensure participative process of the faculties and accountable functioning of the various cultural, academic and administrative committees of the institution the various operative framework are framed and the respective committees will organize the cultural events, scientific events under this framework.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://newhorizoncollegeofengineering.in/statutory-committee/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Institutional strategic plan has been made by performing deep analysis of Strengths, Weakness, Opportunity and Challenges of the institute. Several meetings and interactions with Management, Director, Dean Academic, Dean Research, Registrar, all HoDs, Faculty, Supporting staff, Students, Parents and Alumni were held for the same.

Following key points about institute were discussed to carry out theanalysis: Infrastructure/Laboratory/Equipment/Workshop Research/Consultancy Placement Cell Industry interaction Workshop/Training Programme for Faculty/Staff/Student Mentorship Programme for the students Active & Innovative Learning Process /Outcome based Curriculum Admission policies/Fee Structure MoU with Reputed Institutes/Industries E-Learning/Library Skill Development Programme Unnat Bharat Abhiyan Sports/clubs/Activities/social Service Awards/Scholarships IT Infrastructure/ digital technology Security/ Woman grievance & redressal.

After several brainstorming session the following strategy plans and its implementation & monitoring have been set up

1. To improve teaching learning environment

2. To improve laboratory/ library

3. To enhance research culture

4. To enhance interaction with reputed institute

5. To provide mentorship to students

6. To start new programs in emerging areas

7. To obtain Accreditation

8. To improve students placement

10. To increase Sports activity/social services

11. Trained students under Skill Development Program

12. To improve the quality of rural areas under the "Unnat Bharat Abhiyan"

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://newhorizoncollegeofengineering.in/statutory-committee/
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The NHCE has National Advisory Board, Governing Council, Academic Council, Various Statutory committees and Steering Committee for carrying out the various functions and responsibilities in pursuit of excellence.

- **To ensure observance and compliance of instructions issued by AICTE, Government of Karnataka and affiliating University.**
- **To ensure that the building, land, furniture and facilities are not being used for any other purpose (such as holding political meetings, communal meetings), except for running AICTE approved courses in the institute.**
- **To submit reports and returns from time to time to AICTE, Government of Karnataka andaffiliating University.**
- **Create peaceful and favourable atmosphere for study free from ragging.**
- **A total of 29Statutory committees are present in the college that are formed taking into the considerations of the students and faculties. There is diversification that ensures that the committees address any issues faced by**

the stake holders and also aims for the improvements under the purview of the respective committees.

File Description	Documents
Paste link to Organogram on the institution webpage	https://newhorizoncollegeofengineering.in /leadership/
Upload any additional information	View File
Paste link for additional Information	https://newhorizoncollegeofengineering.in /wp-content/uploads/2022/04/HR-POLICIES-2019-NHCE-rev-09.06.21.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

NHCE has effective welfare measures for Teaching and Non teaching staff are as follows

Professional

- **Quality Assessment and Skill Development Centre**
- **Encouraging Faculty Members for Higher Studies**
- **Incentives for Faculty Publications**
- **In-house Grant for Research Projects Sponsoring for Seminars/ Workshops/ Conferences in India and Abroad**

- Sponsoring for B.E (Part-Time) for Supporting Staff

Welfare

- Employee Provident Fund
- Staff Family Benefit Fund
- Superannuation Benefits of EPF,
- Family Pension Scheme,
- Gratuity Scheme
- Financial Support for Laptop purchase
- Employees Group Insurance Medical Centre,
- Tie up with Manipal Hospital & Ambulance Facility
- Free Annual Medical Check Up
- Medical Insurance
- Maternity leave for Women
- Employees Crèche Facility for Children of Women Employees
- Food and Accommodation in Hostel
- Free transport Facility
- Recreational Trips,
- Gifts and Birthday Celebrations
- Concession in Tuition Fee for Staff Children
- Reimbursement for Children's book, bags, uniform, shoes etc given to staff children whose income is less than Rs. 15,000/- per month.
- Uniform for class IV employees.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/wp-content/uploads/2022/04/HR-POLICIES-2019-NHCE-rev-09.06.21.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

172

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

18

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

167

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The Institute has a mechanism for internal and external audit to ensure financial compliance. The institutional accounts are regularly audited. The observation of the auditors if any are immediately corrected / rectified.

Internal Audit:

The internal audit is an ongoing continuous process. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough quarterly basis check and verification of all payments, receipts & journals vouchers of the transactions cash books, ledger account review that are carried out in each financial year on an accrual basis system.

External Audit:

The external auditor appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants after the end of each fiscal year is certified income & expenditures, balance sheet and prepared notes to accounts are certified.

Statutory financial audit of Institute

It is conducted in two sessions. The audited statement is duly signed by Principal, Chairman and Chartered Accountant. All accounting systems are accrual basis computerized and maintained on Tally. The Institution also publishes audited financial statements on the institutions website as information for the public.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/wp-content/uploads/2024/12/Financial-Statements-2023-24.pdf

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

11.52

File Description	Documents
Annual statements of accounts	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

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

Mobilization of funds in the institute is through several ways. The primary source is through collection of tuition fees and salary grants received from various bodies. In addition, financial assistance is obtained through external research projects and carrying out extensive consultancy works.

The funds will be effectively utilized for salary,conducting Workshops, seminars, Faculty Development Program, Conferences and Club activities. It is a source of seed money for research activities, paper publication, the facilities needed for research and to promote professional bodies in the college. It is utilized for procuring library books, equipment, consumables, software's. The funds is also used establish Centre of Excellence and other high end labs. It is used for Training and Placement and conducting campus drives in the college.It is also used for smart class rooms, Internet charges, and maintenance. Used for social activities, NSS activities, sports, meritorious scholarships, cultural activities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://newhorizoncollegeofengineering.in/statutory-committee/

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

As per the NAAC, the Internal Quality Assurance Cell [IQAC] has been established as a post accreditation quality sustenance and enhancement measure.

Two Best Practices

1. Internal Audit - PDCA process PDCA Process is followed by the NHCE and is as explained below:

PLAN: Lesson Plan, Academic Calendar, Course Syllabus, Workshop, Guest lectures, Club Activities, CO- PO mapping are planned by course coordinator.

DO: Innovative teaching, Assignment, Quiz, Self-study, Internal assessment, SEE exam are conducted by individual subject faculties. CHECK: Course files, Department files, OBE report, result analysis are audited by department audit committee.

ACT: Action on teaching methods, Revision of CO/PO and Curriculum were done by departmental advisory board (DAB) and IQAC.

2. Quality Assessment and Skill Development Center The Quality Assessment and Skill Development Center is established to increase the effectiveness of each member in particular and the institution as a whole.

- To provide competence in skills and techniques for qualitative transactions
- To build the required competent capabilities in each member
- To nurture the potential in each member to invent and innovate.
- To identify the specific areas of interest for capacity building.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://newhorizoncollegeofengineering.in/iqac/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

1. Academic audits The Academic audits are conducted as per ISO standards and evaluated.

Internal Audit - PDCA process

PLAN: Lesson Plan, Academic Calendar, Course Syllabus, Workshop, Guest lectures, Club Activities, CO- PO mapping are planned by course coordinator.

DO: Innovative teaching, Assignment, Quiz, Self-study, Internal assessment, SEE exam are conducted.

CHECK: Course files, Department files, OBE report, result analysis are audited by department audit committee.

ACT: Action on teaching methods, Revision of CO/PO and Curriculum were done by departmental advisory board (DAB) and IQAC.

Assessment Criteria

- Academic Curriculum Monitoring
- Academic Workload Monitoring
- Attendance monitoring
- Internal Assessment Monitoring
- Course file and lab manual monitoring
- Project monitoring
- Research & Faculty development
- Student Discipline Committee(Institute Level Student Mentoring/ Counselling)
- Feedback
- Exam Committee
- Purchase Committee
- Library
- Placement Committee
- Website Monitoring

2. Quality Assessment and Skill Development Center

The Quality Assessment and Skill Development Center is established to increase the effectiveness of each member in particular and the institution as a whole.

- To provide competence in skills and techniques for qualitative transactions

- **To build the required competent capabilities in each member**
- **To nurture the potential in each member to invent and innovate.**
- **To identify the specific areas of interest for capacity building.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://newhorizoncollegeofengineering.in/iqac/

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	https://newhorizoncollegeofengineering.in/wp-content/uploads/2025/01/Annual-Report-2023-24.pdf
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

NHCE Shows gender equity and sensitivity through various

initiatives and actions for creating safe, Secure and healthy atmosphere in the campus. Sensitization of the students is done through awareness programmes/events and professional counselling.

Specific initiatives with respect to key areas are as follows Safety and security

Hi-Tech Surveillance system: E- Surveillance with high resolution cameras through day and night facility of distributed recording in control room has been set up in the campus, entry of unwanted element is monitored through these cameras. This system ensures that all Female staff, students can move freely in the campus and feel assure that they are secure at all the time in the campus.

Hostels: Separate hostels for boys and girl students on the campus with Furnished Rooms and attached bathroom. A Senior Faculty Member who acts as a Warden-Friend-Guide is the exclusive feature of the Hostel. Behavior of students is monitored under set of well defined rule under the guidance of wardens. All student and staff compulsory were their ID cards at all times on the campus thus ensuring non entry of any outsiders also unauthorized persons.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://newhorizoncollegeofengineering.in/statutory-committee/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of

degradable and non-degradable waste (within a maximum of 200 words)

The New Horizon College of Engineering follow the following types of degradable and non-degradable waste management system.

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

Paper wastage is disposed off and the dry dead leaves are buried in the soil to protect the campus from getting polluted.

The institute maintains and monitors a green campus which is clean and eco-friendly. Students enthusiastically take part in Tree Plantation Programs which are regularly organized.

E-waste and Hazardous waste management is practiced. A well-equipped Organic Waste Converter is installed.

One sided sheet is used for reducing wastage.

Efforts Towards Carbon Neutrality

The institution has taken up certain preventive measures to check the emission of carbon-dioxide. The parking facility is provided for the students' in an open ground which helps in preventing the accumulation of pollution caused by vehicles to a maximum extent.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste	A. Any 4 or all of the above

water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geotagged photographs / videos of the facilities	*View File*
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	*View File*
Various policy documents / decisions circulated for implementation	*View File*
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other.

Commemorative days like(1) Women's day (2) Yoga day 3) Sargam Cultural Fest 4) Cancer day AIIDS along with many regional festivals like Diwali and Rajyotsava are celebrated in the college. This facilitates positive interaction among people of different racial , cultural and ethnic backgrounds. There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

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

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The Courses of Constitution of India and Professional Ethics and professional ethics offered first year and the course XXHSS323/423-Environmental science and Awareness are offered for second year students across all branches. An Engineer has a big responsibility in addressing such societal and environmental issues.

Hence the studentsGain knowledge of Indian Constitution and are able to solve the legal and societal issues. Also they acquire the knowledge about Amendment, Electoral Process, Fundamental Duties, Central and State Policies. The students able to Understand Special Provisions in Indian Constitution and also in Human Rights Commission.

Also, Students sensitize the Engineering Ethics and Responsibilities denotes Scope & aim of engineering ethics. Responsibility of Engineers, Impediments to responsibility. Clash of ethics. Risk, safety and liability of Engineers. Trust and reliability in Engineering, Intellectual Property Right, Corporate Ethics.

Topics under framing of Indian Constitution, State policy, Union executive, Election Commission of India and Ethics to be followed in Engineering profession are taught. Inculcating value system enhance the sanctity of higher education.students sensitize,

To understand the concepts of environment, ecosystem, biodiversity and its interdependence on human life, an insight on types of natural resources and the concept of sustainable development and waste management

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

New Horizon College of Engineering is celebrate and organize national and international events, commemorative days, and festivals for various reasons, each serving specific purposes that contribute to the overall well-being and development of the student community.

1. **Cultural awareness & diversity: Celebrating cultural eventsand festivals promotes cultural awareness, understanding, and appreciation among students.**
2. **Community Building : Commemorative events provide opportunities for students to come together, socialize, and strengthen interpersonal relationships.**
3. **Educational opportunities: Events related to national or international days provide educational opportunities to learn about historical, cultural, social, or scientific aspects.**
4. **Promotion of Values & ethics: Celebrating events that align with institutional values helps reinforce and promote those values among students.**
5. **Social responsibility: Participating in commemorative events related to social issues or environmental concerns demonstrates the institution's commitment to social responsibility**
6. **Promotion of talent & creativity : Events such as talent shows or creative festivals provide platforms for showcasing the skills and creativity of the students.**

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	[View File](#)
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice 1 – Industry Supported Lab

NHCE was successful in having a collaboration with various Industries and established their Laboratories with the objective of

- To identify and bridge the gap between industry needs and academia.
- To develop a curriculum in line with cutting-edgetechnologies.
- To provide hands-on experience for students on real-time projects
- To enhance the employability skills of students by providing Industrial Training
- To train the faculties to enhance their technical skills.

Industry-oriented laboratories

- Cisco Network Academy Quest Global IIOT COE Capgemini Dems COE
- SAP Lab
- HP Centre Of Excellence Cisco Network Academy
- Robotic Process Automation HP Vertica Labs
- IBM Open-Power Labs Oracle Academy Labs Capgemini VLSI Labs
- Altair AI, ML, and Data Analytics Labs
-

Best Practice 2: MOOC – NPTEL local chapter at New Horizon College of Engineering

NHCE is hereby recognized as Active Local Chapter for consistently encouraging the students to participate in courses offered by NPTEL and for supporting them with faculty members who can act as a mentor for the enrolled courses. New Horizon College of Engineering (NHCE) has been graded with 'AA' Grade by SWAYAM NPTEL. New Horizon College of Engineering has been awarded the highest number of toppers for the year 2024.

File Description	Documents
Best practices in the Institutional website	https://newhorizoncollegeofengineering.in /best-practices/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The best practices at NHCE makes institution a respectable and most sought after Engineering college which provides the best amalgamation of Innovation, entrepreneurship development, skill up gradation, passion and aptitude along with sound theoretical subject knowledge which in turn makes our students pursue their passion and think beyond a job. The institution strives to uphold human values and adopts good practices to maintain the integrity of its stakeholders

CURRICULAR & CO-CURRICULAR

- Focus on Understanding the concepts than on Remembering
- Student centric pedagogy and innovation
- Customized mentoring and PTM, coaching classes
- Collaborative learning opportunities with industries through Industry sponsored labs, IVs Internships etc
- Alumnus Interaction and Guest Talks
- Marking of globally relevant events

RESEARCH AND CONSULTANCY

- Laboratory aided teaching modes
- Assignments /models / Subject related exhibitions/events
- Students' attempts to write project proposals
- Faculty members involvement in research and consultancy for revenue generation
- Mini Project works and Internship opportunities

OUTCOMES

- Excellent Results and Ranks
- Appreciation letters for student participations and parents Placement and Higher Studies

- **Students Club activities - Awareness drives**
- **Research publications, patents commercialisation and Presentations by students**

File Description	Documents
Appropriate link in the institutional website	https://newhorizoncollegeofengineering.in/best-practices/
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

The main objective and goals of New Horizon College of Engineering: for the academic year 2023-2024 is

- **To Implement NEP (National Education Policy for the Academic year 2023-2024 and do the necessary follow up in the academic year 2024-2025**
- **To Establishment of Centre of Excellence & Industry sponsored labs in the programs.**
- **To ensure NBA accreditation under TIER – 1 for other eligible programs.**
- **To increase the active Start-ups Working in New Horizon Knowledge Park.**
- **To file Maximum Number of Patents from Research Results leading to product development and Commercialization.**
- **To encourage/motivate the Faculty Members to focus on presenting the quality research papers in Scopus, Web of Science and SCI journals focusing Q1, Q2, Q3 journals and improve h-index of the institution.**
- **To enhance the Overall Quality of Placements in General and International Placement in Particular.**
- **To foster collaboration between researchers of institute and industry, research laboratories to assist research and creative duties.**