



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY
• Name of the Head of the institution		Dr. V. Vijaya Kumar Reddy
• Designation		Director
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		8985382247
• Alternate phone No.		8985382247
• Mobile No. (Principal)		7382297655
• Registered e-mail ID (Principal)		director@nbkrist.org
• Address		Vidyanagar, Kota Mandal, Tirupati Dist. - 524413
• City/Town		Vidyanagar
• State/UT		Andhra Pradesh
• Pin Code		524413
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		12/07/2024
• Type of Institution		Co-education
• Location		Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. Hari Krishna KODURU				
• Phone No.	8985382247				
• Mobile No:	8527959608				
• IQAC e-mail ID	iqac@nbkrist.org				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.nbkrist.co.in/Iqac/REPORT-AQAR2022-2023.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.nbkrist.co.in/academiccal.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.02	2008	16/09/2009	15/09/2013
Cycle 2	A	3.08	2014	10/12/2014	09/12/2019
Cycle 3	A	3.15	2021	15/02/2021	14/02/2026
6.Date of Establishment of IQAC			20/03/2009		
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	
Nil	Nil	Nil	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI			No File Uploaded		

9.No. of IQAC meetings held during the year	3	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
1. The IQAC office ensures the effective implementation of tasks described in circulars received from UGC and NAAC officials at each department level by conducting regular meetings with administrative coordinators and updating information related to these circulars.		
2. IQAC involves preparing reports in specified formats for AISHE, AICTE, NIRF, NAAC, applying for the extension of the institute's UGC autonomous status and inclusion/exclusion of student's intake in all programs.		
3. Collecting and Evaluation of self-appraisal report and verifying departmental appraisal reports.		
4. The guidelines for service matter-related grievances have been prepared and addressed.		
5. Created awareness on Outcome Based education (OBE) to all teaching faculty and registration/creation of Academic Bank of Credits IDs for all students in the institute and ensured to complete the 'credit's deposition' in the students ABC accounts.		
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
Strive to increase campus recruitment numbers by implementing training programs that improve soft skills, English proficiency, verbal aptitude, reasoning abilities, and group discussion participation capabilities.	A total of 325 B. Tech students from various branches participated in the campus recruitment process during the academic year 2023-2024, and 290 students got job offers from various MNCs.
Faculty members are encouraged to engage in research and disseminate their findings through journal articles, conference presentations, and book chapters.	In comparison to the previous academic year, an appreciable number of papers were published in journals and a considerable number of papers were published at conferences.
To conduct regular IQAC meetings	Three IQAC meetings were held with various committee members, including Chainman, Director, Institute Member, Alumni/Industry Member, Parent Member, and Student Member, to discuss institute-related development issues.
To create awareness on 'Outcome Based Education (OBE) /implementation of OBE in the class room level' and significance of registration/creation of ABC IDs.	Students from every section have successfully created their ABC IDs, and all faculty members in every department in the institute have a thorough understanding of how OBE is being implemented.
Aim to organize online classes for 'slow learners'	IQAC encouraged faculty members to use ICT tools and provide more illustrative explanations to improve the pass percentage of slow learners in all subjects.
13.Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
Governing Body	04/11/2023

14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	

Year	Date of Submission
2022-23	07/03/2024

15. Multidisciplinary / interdisciplinary

NBKCRIST effectively aligns with the National Education Policy's (NEP - 2020) vision of providing high-quality education to develop global as global citizens. Director of the institute conduct regular interaction programs to make discussions with faculty members regarding NEP principles, including curriculum diversity, pedagogy innovation, logical decision-making, critical thinking, creativity, and incorporating technological innovations in teaching and learning. NBKCRIST, an autonomous institute affiliated with JNTUA, Ananthapuramu, offers various multidisciplinary and interdisciplinary courses as electives to the students. NBKCRIST proposed an inter-disciplinary curriculum to foster holistic academic growth among students, allowing them to select their preferred program options from the institution's range. NBKCRIST is implementing the NEP Guidelines by designing B. Tech courses to provide students with maximum flexibility in elective courses from other departments and MOOC through SWAYAM, demonstrating proactive efforts in implementing these guidelines.

16. Academic bank of credits (ABC):

India's National Education Policy-2020 aims to empower students with the "Academic Bank of Credits" (ABC) system, allowing them to choose and modify their educational paths, link diverse disciplines, and acquire the necessary foundations for their ambitions. The ABC system is an educational digital platform that facilitates seamless mobility between or within degree-granting Higher Education Institutions (HEIs) through a formal system of credit recognition, accumulation, transfers, and redemption. Students with a DigiLocker account can register for a unique ABC ID, access an interactive dashboard, and initiate a choice-based credit transfer mechanism. NBKCRIST is implementing the Academic Bank of Credits in accordance

with UGC guidelines, uploading students' mark sheets and degree certificates via the NAD portal from 2021 onwards. Since the academic year 2021, the National Academic Bank of Credits (ABC) portal has been included into the NAD portal, which may be accessed at <https://nad.digitallocker.gov.in>. NBKRIST is currently working on building a centralized database of college students for this reason. The academic credits that the student has earned from different courses will be digitally saved in this database, allowing the credit to be transferred when the student re-enters the program. A separate team, comprising of senior academicians and technical people, is establishing to monitor and support the issues related to credits deposition/transfer to the student's ABC accounts through NAD portal.

17.Skill development:

NBKRIST has an established skill development cell/training cell that actively participates to strengthen the technical, vocational, and soft skills of the students and actively participates to strengthen the current trends required in industry, Campus Recruitment Training. Placement cell in NBKRIST is providing the courses such as career development skills such as aptitude skills, verbal ability skills, technical skills, and pre-placement training for the students of all UG programs from the first to the seventh semester. Introduced internships at various levels of the B. Tech program to increase the employability skills of students: All the departments have introduced professional core electives and global elective courses in the 3rd and 4th year students and a few topics under these courses are industry-based, which certainly increases the skills of students in their respective fields.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

NBKRIST fosters the integration of local language, art, and culture by conducting all NSS activities in the adopted villages using the local Telugu language. Institutes always encourage the students to participate actively in cultural events and to win the prizes at district and state levels. The college newsletter is published in English and the mother tongue, allowing students from rural areas to share their thoughts in any language. The institute encourages students to visit local heritage sites and museums, valuing culture and traditions. This boosts the tourism sector in Telugu and creates awareness among students. Some faculty members have fluency in other Indian languages, allowing them to interact with students from other states.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

NBKCRIST offers a variety of teaching methods, including lectures, seminars, tutorials, workshops, practical fieldwork, technology-enabled internships, apprenticeships, and research work. All programs are offered as outcomes-based education (OBE), designed to meet regional and global requirements. The curriculum outlines the course outcomes for each subject, which are centered on cognitive abilities such as remembering, understanding, applying, analyzing, evaluating, and creating. These outcomes also ensure social responsiveness, ethics, and entrepreneurial skills, enabling students to contribute proactively to the nation's economic, environmental, and social well-being. The Course Objectives (COs) align with the PO-PSO philosophy. OBE aims to uniformize the syllabus for all programs and focus on knowledge, skills, values, and employability. NBKCRIST emphasizes the importance of lifelong learning and the development of responsibility and effective citizenship with positive attitude and other qualities for a successful life.

20.Distance education/online education:

NBKCRIST has implemented blended learning strategies, including online modes like Google Classroom, Zoom, and Google, using videos as teaching aids. Group collaboration, assignment, revision, and assessments have been conducted, along with tests and Proctored Examinations. The entire college campus is Wi-Fi-enabled, with digitally interactive panels in classrooms, eliminating any obstacles in online education. All types of e-content material prepared by faculty members are available to all students.

Extended Profile**1.Programme**

1.1 9

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3526

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

909

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

3431

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

218

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

196

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	9
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	3526
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File

2.2	909
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	3431
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	218
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	196
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	196
Number of sanctioned posts for the year:	
4.Institution	
4.1	756
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	72
Total number of Classrooms and Seminar halls	
4.3	1115
Total number of computers on campus for academic purposes	
4.4	1261
Total expenditure, excluding salary, during the year (INR in Lakhs):	

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.

NBKR Institute of Science and Technology (NBKRIST) is an autonomous college that develops all-inclusive curricula for undergraduate programs, following guidelines from Jawaharlal Nehru Technological University Anantapur (JNTUA). The curriculum considers vision, values, context, pedagogical approaches, and current industrial needs. From 2018-2019, effectively NBKRIST implemented an Outcome Based Education (OBE) curriculum, refining

Program Educational Objectives and Program Specific Outcomes based on technological needs.

In NBKRIST, the curriculum is developed based on the elements listed above, and a draft is distributed to stakeholders. The curriculum has weights for the following:

- Basic Sciences
- Humanities and Social Sciences
- Engineering Sciences
- Professional Core courses
- Professional Electives.
- Open Electives
- Employability Enhancement courses
- Mandatory courses

The curriculum for NBKRIST undergraduate programs is developed by departments, with faculty trained in curriculum design and OBE involved. The content, delivery methods, and assessment are designed to meet program requirements and meet POs, PSOs, and PEOs. The curriculum is reviewed by various bodies, including the Department Advisory Board, Industry, Alumni, Faculty, Students, and the Board of Studies. The Academic Council designs the curriculum structure, following guidelines from JNTUA, Central and State Governments, and aligns with the institution's vision and mission.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.nbkrist.co.in/

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

1

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

33

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	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

1

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
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

9

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

NBKRIST integrates cross cutting issues relevant to gender, environment, sustainability, human values, and ethics through specific courses and activities. In this direction, institute has constituted Women Development Cell (WDC), Women Grievance Cell (WGC), and Antiragging Cell to address gender, human values, and ethics issues. The WDC facilitates women's development, safety, and respect, while the WGC investigates complaints from girls and women staff. The counseling cell addresses students' behavioral and academic issues, organizing personality development camps and counseling training programs. The anti-ragging cell plans activities like anti-ragging campaigns, squad formation, debates, skits, and awareness lectures by government officials. The cell addresses student complaints, scrutinizes, and approves reports of the Anti-ragging Squad. The institution's commitment to these issues is evident in its academic courses, counseling cell, and anti-ragging initiatives.

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

26

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	No File Uploaded

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

641

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

607

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://docs.google.com/forms/d/1mDCbJKDCMVQ8dG9X1eyqBdt1bfU0SV4VDXRDv5WT9RE/edit
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	https://docs.google.com/forms/d/1ip106Gb7mtcClJg7b_uPP7EUfPaWMmxH12uv1zoys88/edit
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

832

File Description	Documents
Any additional information	View File
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)

632

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.

NBKRIST admits students from diverse backgrounds and skill levels through EAMCET counseling and management quota. The institute offers motivational classes and a bridge course for new students, providing basic science and mathematics fundamentals. However, each student has unique listening and comprehension skills, and teaching faculty must assess their listening and understanding

levels to adapt teaching methodologies to cater to slow learners and advanced learners. Assessments for II-, III-, and IV-year students include MID exams, end-of-semester exams, continuous tests, class tests, and counseling. The Training and Placement Cell provides training in interview and communication skills, English proficiency, and personality development to enhance employability.

Following activities are done by the faculty to the students.

In case of slow learners:

- Special coaching class for slow learners
- Providing hand written/soft copies of lecture notes for easy understanding.
- Giving counselling for slow learners.
- Group study methodology
- Giving additional learning materials like question bank, university question papers.

In case of advanced learners:

- Motivate to participate in various technical events online courses like coursera, solo learning, industrial visit, value added courses.
- Conducting value added courses through Center of Excellence
- Providing effective training in English communication skills.
- Involving them to do online certification programmes
- Conducting special classes to train them to prepare for GATE exam.
- Providing placement activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2024	3526	196

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:

In NBKRIST, the following student-centric methods are adopted for the benefit of the students. Experiential learning through various projects, industry visits, guest lectures, field visits, surveys, competition participation, and novel engaging courses. Students are also encouraged to participate in competitions and take field visits to nearby places as per course requirements. Participative Learning Methodologies: Various group activities, NSS activities, NCC and sports activities, club and society chapters, mandatory internship programs, seminars, and interactive classes. Seminars provide students with opportunities to enrich their learning experience, communication skills, and lifelong learning. Interactive classes with students discussing topics shared in advance. Problem Solving Methodologies: In the UG VII semester, students are required to propose innovative solutions to societal problems. This course includes research, skill-based mini projects, quizzes and assignments, and tutorial classes. These projects aim to solve open-ended problems and are part of all practical-based courses.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.nbkrist.co.in/

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

Through the use of ICT resources, faculty members at NBKRIST are combining technology with conventional teaching techniques to

improve student effectiveness and efficiency. Projectors, interactive whiteboards, computers, MOOC centers, online platforms such as Zoom, Google Meet, and Microsoft Teams, and MOOC platforms such as NPTEL and Coursera are all included in the relevant list. Through a variety of online platforms, such as Zoom and Google Meet, PowerPoint presentations, and Online Industry Connect, faculty have embraced ICT-enabled technologies to enhance the teaching-learning process. Additionally, it provides online competitions, recorded video lectures, and quizzes. Conferences, workshops, seminars, and virtual labs are all conducted using ICT tools. Virtual labs were created during the epidemic by filming experiments and showing them to students in hands-on classes. These techniques support students' continued engagement and connection.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.nbkrist.co.in/index.php
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

165

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

At the beginning of each academic year, the Academic Council of NBKRIST consults with the Director, Dean, Student Welfare, and HODs to create the Academic Calendar. The calendar contains information on semester registration, teaching session start dates, holidays, mid-semester examination dates, end-of-semester examinations, proficiency tests, internships, and academic audits. It is communicated to stakeholders and closely followed, including

throughout the pandemic. All academic activities, midsemester examinations, quizzes, in-house summer internship programs, finishing school, final year internships, employability skill training, and remedial classes take place as scheduled.

The academic calendar is issued to the faculty members and students and published in institution website:

<https://www.nbkrist.co.in/academiccal.php>

The academic schedule provides:

- Date of commencement of the academic session.
- Duration of semester, commencement of Continuous Internal Evaluation (CIE) test and last working day.
- Parent teacher meeting. Commencement of practical and semester end examinations (Regular & Supplementary) and study period, and Date of reopening of the forthcoming semester etc.,.
- The academic calendar's adherence is ensured through periodic reviews at various academic/administrative levels.

At our institution, faculty prepare teaching plans at the start of the semester, which are circulated to students for review and preparation. These plans include module numbers, topic names, hours, teaching methodology, and dates.

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

196

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	No File Uploaded
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

67

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)

1576

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**

40

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

52

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

At NBKRIST, examination cell has implemented an automated academic, examination, and evaluation process, adopting student-centric and transparent practices. This includes digital registration and publishing of results, with IT integration and reforms resulting in significant improvements in examination procedures.

NBKRIST has implemented a comprehensive system for examination processes, including fee payment, scheduling, attendance monitoring, script coding, marks data entry, and program-wise results preparation. A payment gateway is available for online fees and registrations. NBKRIST also promptly addresses student grievances and has developed a mechanism for quick resolution. Online results publishing is available through a portal, and the system also offers shorter duration printing and issuing of marks memos and provisional degree certificates. Digital maintenance of student records and certificates (Transfer Certificate, Bonafide Certificate, Custodian Certificate and Transcripts) is also available.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/showallexamcell.php

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

NBKIRST provides information about program outcomes (POs), program-specific outcomes (PSOs), and course outcomes (COs) through consultation with faculty and stakeholders. The department frames these outcomes in accordance with outcome-based education (OBE) objectives and respective information, related to POs, PSOs and COs, is disseminated through various channels: website, curriculum/regulation books, classrooms, department notice boards, laboratories, student orientation programs, meetings, interactions with employers, parent teachers, faculty, alumni, and professional body meetings. Heads of Departments, faculty members, class instructors, mentors, and course coordinators create the awareness among students regarding Program results, Program Specific Outcomes, and Course Outcomes, underscoring the significance of attaining these results.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.nbkrist.co.in/

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

The assessment of POs, PSOs, and CO involves direct and indirect methods. Direct assessment involves continuous rubric-based assessments for lab, seminar, and project work, mapping each rubric with CO, PO, and PSO, and semester-end theory examinations. Indirect assessment methods include surveys at course end, exit, alumni, and employer. CO attainment is calculated using rubrics, with direct CO attainment equal to $0.7 \times \text{CO attainment through End SEM Exam}$, $0.2 \times \text{CO attainment through Mid SEM Exam}$, $0.05 \times \text{CO attainment through Quiz}$, assignments, student feedback, $0.25 \times \text{CO attainment through Course End Seminar}$, and $0.8 \times \text{CO attainment level}$.

The process for direct POs and PSOs assessment involves computing the attainment of POs and PSOs for each course using a CO-PO & CO-PSO matrix, and calculating the average of PO attainment in individual courses for levels 1, 2, and 3. Process Indirect Assessment Tools: Alumni feedback, Industrial Feedback, Graduate Exit Feedback.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/Naacagarworks.php

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

909

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	No File Uploaded
Paste link for the annual report	Nil

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://www.nbkrist.co.in/Naacagarworks.php>

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

The established Research & Development Cell (R&D Cell) at NBKRIST aims to encourage the faculty members to publish quality research papers, file patents, and publish books, chapters, and conferences. The R&D Cell also aims to create an ecosystem in terms of infrastructure and scholastics, enabling faculty members and students to pursue research in recent trends. A Research & Development Team is established to develop strategic research plans and implement them, with faculty members given full autonomy

to carry out research according to funding agency terms and also to submit project proposals for various state/national level scientific agencies to get the research fund. Faculty are encouraged to undertake consultancy work. The college provides seed money grants to faculty members for research, and the Incubation Center aims to help young minds transform their innovative ideas into viable business plans and actions.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

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)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
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

0

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

3.2.3 - Number of teachers recognised as research guides

6

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

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

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 has established an innovation ecosystem, including an incubation center and other initiatives for knowledge creation and transfer. Faculty members are empowered to undertake research activities using existing facilities. NBKR Institute of Science & Technology has started an Entrepreneurship Development Cell (EDC) in the year 2013, to nurture the idea of entrepreneurship among the students. The Cell aims at creating an entrepreneurial ecosystem in the campus. It aims to develop and support new and future entrepreneurs thereby striving towards building the capacity of a technology entrepreneur, assessing demand opportunity, developing a marketable product, patenting and licensing, building the right team, raising money and creating value for customer and ventures.

Objectives of Entrepreneurship Development Cell (EDC):

- To create awareness on Entrepreneurships among young students
- To facilitate the development of Entrepreneurial Skills

among students of Science & Technology

- To establish a modern category of Sustainable Technology - Competent Entrepreneurs
- To provide complete technical and other services to budding entrepreneurs
- To organize camps, seminars, symposia, workshops, industrial visits, conferences and other development programs

NBKRIIST establishes Women Entrepreneurship Development Cell (WEDC) for women empowerment, enhancing quality education and sustainable student development. Incubation-Hub encourages entrepreneurial students to generate innovative ideas. The Industry Institute Partnership Cell connects institutes and enterprises, offering consulting services, industrial trips, job-oriented programs, and innovation club activities. NBKRIIST develops research ecosystem policy, explores funding, facilitates collaborations, and ensures quality. The Research and Consulting Cell supports various systems.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/EDcell.php

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

0

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

C. Any 2 of the above

Ethics Committee Inclusion of Research

**Ethics in the research methodology course
work Plagiarism check through
authenticated software**

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	No File Uploaded
Any additional information	No File Uploaded

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

4

File Description	Documents
URL to the research page on HEI website	https://www.nbkrist.co.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

59

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

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

8

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

20

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

3

File Description	Documents
Bibliometrics 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)

161200

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	No File Uploaded
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

0

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

Extension activities - Neighborhood Community:

The NSS unit at NBKRIST conduct many activities including the organization and promotion of Swachh Bharat Abhiyan, blood donation camps, anti-ragging awareness campaigns, rural development camps, and educational initiatives for communities. The NSS schemes of the Institute initiated various events like organizing and promoting Swatch Bharat Abhiyan, blood donation camps, awareness programs on anti-ragging, rural development camps, educating the villages, etc. The college significantly contributes through its NSS wing, which engages in various

initiatives such as addressing environmental issues and collaborating with orphanages, including volunteers in these efforts.

Social Issues: Environmental awareness activities, such as saving ponds and lakes, planting trees for the Green Revolution, and distributing clay Vinayaka idols during Ganesh Chaturthi festival, are being implemented to motivate the neighborhood to take similar actions.

Impact: The Institute has a Center of Excellence that elaborates ideas by understanding user requirements, brainstorming, and identifying solutions. Successful events like Haritha Haram, natural disaster donations, and digitization are conducted with volunteer participation and collaboration with other agencies/NGOs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/sportsdepartment.php

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

10

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
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)

12

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

2119

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

204

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

17

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.

NBKR Institute of Science and Technology is a small town-sized educational institution that promotes sustainable practices. The institute boasts a beautiful green landscape, aesthetic architecture, and well-equipped classrooms, with 70% equipped with LCD projectors and LAN/Wi-Fi connectivity. Classrooms are equipped with blackboards, projectors, fans, and lights, and smart boards and video conferencing facilities. NBKRIST follows AICTE and JNTUA norms for well-equipped laboratories, ensuring maximum attainment of COs and POs in alignment with OBE. The institute has 9 seminar halls with different seating capacities and an open auditorium for various events. Departments have separate computers labs for programming and simulation experiments, and teaching staff have internet/Wi-Fi connectivity on desktops/laptops. The library is fully automated using a computer system for all aspects of management, with a server, 7 TB of storage, and an OPAC (Online Public Access Catalogue) for easy searching. The library collects and maintains rare books, manuscripts, and special reports for students and faculty. It is a member of the DELNET-IM-4790 network, providing access to 2,83,50,450 records of books, periodicals, theses, dissertations, and IEEE print journals. NBKRIST also offers transport services to 80 kilometers, a health care center with full-time doctors and paramedical staff, and a 24/7 ambulance for emergency situations. A two-seat canteen with hygienic food is available for students and staff, and a store is functioning on the campus to cater to stationary and general needs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in

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

NBKRIST extends constantly support for physical education and in this direction a separate sports activities are incorporated in the regular curriculum. The College Cultural Committee hosts events to showcase students' talents and leadership qualities. The Physical Education department conducts sports tournaments, while the Yoga Centre offers yoga sessions for students and faculty.

NBKRIST also has a dedicated indoor sports area for table tennis, badminton, chess, and caroms, as well as a large indoor gymnasium facility for yoga, weight training, and cardio exercises. The Institute has a variety of sports facilities including cricket, basketball, football/hockey, volleyball, and a courtyard ground. Indoor activities include table tennis in the canteen and chess, carom, and skipping ropes in the girl's hostel. Outdoor cultural activities are held in auditoriums and courtyards, accommodating 300-200 people.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://103.203.175.90:83/

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

85

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)

1811.70

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

4.2 - Library as a Learning Resource

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

NBKRIST's central library, established in 1979, is a crucial knowledge resource for engineering faculty and students, containing 44191 volumes, 267 journals, magazines, and 12292 E-books.

Vision:

To Provide Valuable Resources for Industry and Society through Excellence in Technical Education and Research

Mission:

- To provide quality service to the users.
- To disseminate technical knowledge.
- To offer modern tools for accessing information.
- To network with leading libraries

The library catalog is accessible online and has a gate register at the entrance. It uses a contactless self-renewal system to renew borrowed books without visiting the transaction counter. The catalog search is efficient, focusing on 15-20 books on a shelf. Students are encouraged to have at least one text book for each subject, as the library is a reservoir of information and knowledge. They should study in the library during library hours instead of leaving after class. SC and ST students can use the SC and ST book bank for their text books.

Library avails the 155 Mbps internet connectivity for BSNL Leased Line. The Library subscribes to AICTE Mandatory E-Journals like IEEE, IET Springer, DELNET, IETE, National Digital Library and J-GATE Engineering & Technology.

<https://www.nbkrist.co.in/library.php>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/libweblinks.php

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

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)

11,34,737.00

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

300

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

NBKRIIST implemented an Information Technology Policy in 2013 to ensure legal and appropriate IT use in its premises. With two network connections across all department buildings, the college plans to increase to RINGconnections in the near future.

The institute IT policy covers internet usage, login guidelines, email security, software usage, and cyber security. IT Support CUK protects privacy, safeguards information assets, mitigates vulnerabilities, detects and recovers from cyber incidents, and promotes cyber awareness. Specifically, NBKRIIST has budgeted for IT infrastructure improvements for every year.

The campus provides comprehensive Wi-Fi coverage, including canteen extension, 1.2 Mbps speed, 85 access points, 24/7 computer access, and dedicated Internet Labs. The Institute also offers computer centers for general purposes and extra learning hours, as well as syllabus-specific laboratories

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1p5v8BdEi7UDXo7zSVvTePrD8_Mhv1G8/view?usp=sharing

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3526	1320

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: **C. Any two of the above**
Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/
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)

1223.95

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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 NBKR Institute of Science and Technology is dedicated to maintaining academic and physical facilities to optimize resource utilization and minimize depreciation. The administrative officer follows systematic procedures for maintaining academic facilities, while department heads handle this task.

The institute has a maintenance team, security, computer, CCTV

camera, transport department, sewage treatment plant, and paper waste recycling plant, with all departments handling maintenance and transportation.

The college's housekeeping team is responsible for sweeping indoor and outdoor spaces, including academic buildings, hostels, administrative buildings, and libraries, to maintain greenery. Dead leaves from plantations are used for bio compost, and the use of polythene bags and plastics is strictly prohibited on campus.

NBKCRIST adheres to a systematic approach to maintaining and utilizing its equipment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.nbkrist.co.in/

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

2668

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

76

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) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	http://103.203.175.90:83/
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

18

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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

A. All of the above

through appropriate committees

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	View File
Upload any additional information	View File

5.2 - Student Progression

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

215

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

5

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
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

6

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

4

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

NBKRIST aims to offer value-added professional education to engineering, technology, computer applications, and management students, with the establishment of committees to continuously improve its services.

The library committee, led by the institute's director, consists of librarians and assistant librarians, ensuring the library is updated in all academic provisions for efficient student use.

The class monitoring committee, consisting of the HoD, faculty members, and five students, meets twice a semester to discuss course progress and classroom teaching methodology.

The anti-ragging committee will supervise and advise on promoting a ragging-free environment on the institute campus, with office bearers checking hostels, buses, canteens, classrooms, and other student congregation spaces under their supervision.

The Grievance Redressal Committee of NBKRIST was established to comply with AICTE regulations 2012, allowing aggrieved students or stakeholders to apply for grievance redressal from various staff positions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/

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

10

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	View File

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

NBKRIST Alumni Association is a registered body under educational society, involving all graduated students. Members interact with management, principal, faculties, and staff members to promote the institution's development. The committee is formed every periodic years and holds two executive meetings annually. The college's Annual Alumni Meet includes registration, inauguration, games, association formation, interaction with students, cultural programs, and lunch. The institution effectively utilizes the expertise and financial support of its large and loyal alumni network for the institution's overall growth. The Alumni chapter also contributes to the institute's development through various support services.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

5.4.2 - Alumni's financial contribution during the year **E. <2 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

VISION: To emerge as a comprehensive Institute that provides quality technical education and research thereby building up a precious human resource for the industry and society.

Mission:

- To provide a learner-centered environment that challenges individuals to actively participate in the education process.
- To empower the faculty to excel in teaching while engaging in research, creativity and public service.
- To develop effective learning skills enabling students pick up critical thinking thus crafting them professionally fit and ethically strong.
- To reach out industries, schools and public agencies to partner and share human and academic resource.

The Governing Body (GB) is the highest decision-making body of the Institute, following guidelines from the University Grants Commission. It comprises management representatives, government nominees, industrialists, educationalists, and faculty members. The GB ensures strategic planning through a bottom-up approach and top-down implementation. Decisions on admission, budget, infrastructure, teaching-learning process, and placements align with the institute's vision, mission, and quality policy. The GB meets 1-2 times a year to review performance and contribute to the organization's growth.

NKBRIST, led by Director Prof. V. Vijaya Kumar Reddy, has a clear structure with administrative and academic responsibilities. Faculty members actively participate in decision-making bodies, including the Internal Quality Assurance Cell, Academic Council, and committees.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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

Governing body is statutory requirement of the UGC and AICTE. This council shall meet to review and approve the following:

- Budget for the academic year
- Staff appointments
- To review the performance of institution

Functions of governing Body:

The director of the NBKRIST is the member secretary of the Council and shall prepare the agenda and arrange for the convening of the meeting in consultation with the chairman of the Governing Council.

- Approves the Institute Vision and Mission and long-term plans.
- To ensure the achievement of the mission and vision of the organization, future academic plans and research activities should be promoted by providing direction of implementation and overall monitoring of the activities.
- Approves all the Human resource policy and administrative policy of the NBKRIST
- Approves the department budgets and overall college budget.
- To uphold the legal stature of the college in view of AICTE, State Government and JNTUA
- To take decision regarding the intake and addition or discontinuation of any programme.
- To ensure proper management, maintenance and custody of the institution in relation to land, infrastructure, equipment and funds
- To ensure approval of appointment of staff by way of selection committee of the institute in accordance with norms prescribed by AICTE and JNTUA.
- To create peaceful and favorable atmosphere for study free from ragging.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

6.2 - Strategy Development and Deployment

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

NBKIRST has a perspective plan addressing various areas, which is discussed with stakeholders in academic and administrative forums, and monitored by the Director of the institute.

Teaching and learning:

- Faculty members are encouraged to register for PhD in reputed institutes and help them for completion and attending various training programs/conferences.
- A few faculty members are proposed to attend national institutes for one term for UG program course work.
- Continuing education programs in specific domain areas are regularly organized in collaboration with industries, enhancing understanding of teaching-learning styles.

Research and development: NBKIRST promotes research through policies, publications, consultancy activities, and financial assistance for conferences and faculty development programs. Regular expert lectures, software tools, faculty/student interaction, and alumni interaction expose students to latest research areas, encourage international journal publication, and organize research symposiums.

Community Services: Regular blood donation and bone marrow testing camps are organized, and annual human resource planning and development are conducted, along with in-house training programs for employee skill development.

Industry interaction: NBKIRST fosters strong interaction with industries, with industry experts delivering guest lectures and promoting sponsored research projects. Regular industrial visits allow students to engage in active learning experiences.

Internship training exposes students to the working environment in the industry, while corporate training provides professional development and knowledge transfer. Alumni working abroad deliver expert lectures, and the institute plans to tie up with foreign universities for student and faculty exchange.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.nbkrist.co.in/
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 institution has a clear hierarchy and structure for effective decision-making. The governing body, including academic council, director, deans, HoDs, and senior faculty members, meets once a semester to make decisions on course introductions, closures, construction, and facility enhancements. The institution's administrative setup follows the organogram chart, with the Internal Quality Assurance Cell (IQAC) monitoring committee functioning. Deans, IQAC, administrative officers, and other section heads report to the institution head, while staff report to respective section heads. Service rules are formulated according to guidelines from affiliating universities and approval bodies. The Governing Body members are responsible for establishing and monitoring effective control and accountability systems to ensure Outcome Based Quality Education in line with the Institute's vision.

In NBKRIST Administrative Management Overview:

- Managed by the Director through a decentralized system for academic, research, development, and extension activities and Governing Body plays a vital role in the Institute's growth through meetings and visits. Responsibilities shared among Dean-Academics, Dean Students Welfare, Registrar, Exam Controller, Proctor, Department Heads, Deputy Registrar, and AO officer.
- Decentralized mechanism assigns faculty roles for empowerment and stakeholder interaction.
- Organizational chart shows various administrative

responsibilities and committees for power delegation and decentralization.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.nbkrist.co.in/orgchart1.php
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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	View File

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

NBKIRST has successfully implemented welfare measures for both teaching and non-teaching staff, providing them with various benefits. NBKIRST offers various schemes in line with AP Govt. norms, including gratuity, EPF, pension and university welfare schemes. It also provides promotions, upgradation, and career advancement as per government/institute norms. Faculty and staff are encouraged to attend workshops, conferences, and training programs with leave. The institution also provides seed money for research and awards for outstanding performance in teaching, research, and administration. In-house faculty and staff development programs are conducted, and the institution also conducts pedagogical approaches, finance management systems, MS-Office, office management, waste management, and fire extinguisher training. The institution also has a Grievance Redressal Cell to

address faculty and staff grievances.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/

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

26

File Description	Documents
Upload any additional information	No File Uploaded
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

32

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

52

File Description	Documents
Summary of the IQAC report	No File Uploaded
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 management of the NBKRIST conducts a regular internal audit and as well as financial audits performed by a certified public accountant through the Society. These audits are authorized and endorsed by the institution's governing body and adhere to financial policies. To verify compliance, the finance committee, under the direction of the director, periodically performs internal finance audits. An authorized authority authorizes a reputable firm or organization to conduct an external audit once a year. These audits make sure that everything is done strictly for the institute's benefit and with an eye toward its success.

The Finance Committee reviews income/expenditure statements and proposes action plans, while management through the Governing Body examines income and expenditure patterns, providing pragmatic recommendations for an effective financial management system that aids the institution's overall development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/administrativeoficer.php

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)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

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

NBK RIST primary funding source is the annual fee received from students, which is collected in accordance with state fee regulations. The fee is converted into fixed deposits and withdrawn regularly to cover expenses. Funds are also raised through supported projects, consultancy, and philanthropic contributions. Research grants are used to cover equipment, travel expenses to attend scientific conferences, and stipend expenses.

The budgetary process commences with department/section heads submitting budget proposals, covering various aspects like infrastructure development, educational resources, and cultural activities, to the finance committee. Monthly budgetary needs are also outlined in these proposals. The finance committee reviews these proposals, prepares minutes of its meetings, and convenes a gathering of department/section heads to suggest adjustments for balanced finances. The administration is informed about the infrastructural, equipment, ICT, academic, and financial needs, leading to the creation of a budget and plan document, a time frame for equipment purchases, library books, IT infrastructure, student council activities, and faculty development. The finalized budget estimate is then presented to the governing body for approval. Upon approval, the budget allocations are communicated to departments and sections, with the institute ensuring continuous monitoring of budget utilization

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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)

- The use of novel teaching tools has been continuously updated in accordance with outcome-based education (OBE) to improve CO and CO-PO attainments.
- The implementation of necessary training programs for outgoing students has been implemented to enhance student recruitment in various multinational corporations.
- IQAC played a crucial role in obtaining UGC autonomous status for 10 years, demonstrating excellence in achieving autonomous status.
- IQAC played a crucial role in the preparations for the NIRF ranking.
- Consolidation of various Formats of forms for various quality related processes Preparation and submission of AQAR of previous year Compilation and submission of data to AISHE, NIRF, and other agencies

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/Iqac.php

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

- IQAC reviews the teaching-learning process, structures, and methodologies through the Academic Calendar and Lesson Plans.
- The Academic Calendar is prepared at the start of the year, allowing space for activities like seminars, guest lectures, workshops, FDPs, certification programs, and remedial teaching.
- Lesson Plans are prepared by faculty members for each semester, encompassing objectives, instructional methods, materials, and additional resources.
- The institution uses a calendar-based system to display timetables, including subjects, teachers, and lecture rooms, on notice boards and sends digital copies to students and teachers.
- A feedback system is in place to evaluate teachers, including regular student evaluations, feedback on teaching

methodologies, course delivery, strengths and weaknesses, and subject difficulties. The director of NBKRIST monitors the total system and take corrective actions as needed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/Iqac.php

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://www.nbkrist.co.in/affiliation.php
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

NBKR Institute of Science and Technology (NBKRIST) prioritizes ethical work culture, inclusivity, and equal opportunities for all individuals, regardless of gender, race, caste, color, creed, language, religion, political opinion, national or social origin, property, birth, or other status, prioritizing safety, security, well-being, gender equity, and a friendly working atmosphere. The institute and its neighboring community value gender sensitivity,

as demonstrated by the following facilities.

Security and Safety: NBKKRIST has hired vigilant women wardens and assistant wardens to monitor the Girls Hostel, implementing security checkpoints at all entrances and exits. Faculty rotates for discipline and strict anti-ragging measures. Awareness campaigns on women's safety and gender sensitivity are conducted through street plays, rallies, and camps. Separate hostels are provided for girls, and hostel committees are formed. Security guards are deployed at the main gate, and students with valid ID cards are allowed into the campus.

Counseling: The faculty offers guidance to students, addressing academic performance, career plans, and personal issues, while the Department Head monitors psychological health, ICC members address stress, and police counsel students.

Common Rooms: The faculty offers guidance to students, addressing academic performance, career plans, and personal issues, while the Department Head monitors psychological health, ICC members address stress, and police counsel students.

Other measures of Gender Sensitization also include, Curriculum and Coursework. Co-curricular activities, Field Visits, Community outreach.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy conservation 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)

NBKRIST is implementing the measures to manage degradable and non-degradable waste, focusing on reducing, reusing, and recycling. The institute encourages staff and stockholders to refuse unwanted items, promoting a green campus through compact LED bulbs, segregating wet & dry waste, and using solar panels for clean energy. A tree plantation drive and afforestation are also implemented. The institute maintains a waste treatment and recycling unit, and water is used for plant watering and domestic use. Separate dust bins are maintained for collecting degradable and non-degradable domestic waste. Efforts for Waste Management include the following:

- The institute campus has implemented several initiatives to reduce waste and promote sustainability.
- The Vermicomposting Plant decomposes biodegradable waste, segregating solid and kitchen waste, producing nutrient-rich manure for the college garden.
- External agencies recycle used papers, newspapers, and files, promoting double-sided printing.
- A centralized computer repair center streamlines maintenance and complaint handling. Discardable systems are discarded, while usable parts are used for replacements.
- Both boys & girls hostels monitor food waste daily, raising student awareness.
- The institute's departments avoid hazardous chemicals and radioactive materials, while first-year laboratories use non-hazardous chemicals.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
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 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:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

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

C. Any 2 of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
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.

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
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).

NBKRIST has implemented measures to foster an inclusive environment, ensuring equal opportunities for all individuals and respecting individual opinions in all fora. Institute promotes equality and inclusivity by organizing successful events and festivals that foster tolerance and harmony among students and staff, promoting tolerance and respect for cultural, regional,

linguistic, communal, socio-economic, and other diversities.

- The reservation policy is strictly adhered to in line with government norms to ensure equal opportunities for students from all societal sections.
- The Mentor-Mentee system provided comprehensive guidance and counseling to all students, regardless of their background.
- Festivals like Sankranti, Dasara, Deepawali, Krishnasthami, and Christmas help staff and students understand the intricacies of different cultures and their social significance.
- The NSS, in collaboration with JNTUA, organizes a few youths exchange programs on campus.
- The NSS promotes environmental conservation, water judiciousness, science and technology influence, and gender equity among students through various activities.
- Each department actively engages differently-abled individuals in college activities by providing a barrier-free environment, facilities, and assistance, and revising the curriculum to promote human rights, peace, and environmental awareness.
- The mandatory induction program at NBKRIST has significantly aided students in adopting healthy lifestyle habits and fostering harmony in their lives.

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:

NBKRIST conducted various programs to raise awareness about constitutional duties of staff and students, including obligations and liabilities of citizens.

- The institute regularly conducts programmes like Republic Day, Independence Day, Constitution Day, and National Voters' Day to educate staff and students about fundamental rights and duties in India's constitution, thereby fostering democratic values in students.

- The NSS coordinators conducted pledge campaigns in college to raise awareness about the importance of voting, unity, and diversity, especially among students.
- The NSS implements social service programs to instill responsibility towards society, educate rural background people, and promote environmental sustainability among students.
- In the curriculum, the topics on human values and professional ethics in various fields, discussing values, rights, duties, and concepts to enhance future citizens' responsibilities, are included.

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

C. Any 2 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	No File Uploaded
Any other relevant information	No File Uploaded

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

and festivals

NBKRIST promotes ethics and values among its students and faculty through national festivals and anniversaries, aiming to break down religious and caste barriers and contribute to a better India. The institution encourages the sharing of great Indian personalities' thoughts through exhibitions and programs, promoting a pluralist approach towards religious functions. It also celebrates national festivals and anniversaries of notable Indian figures to teach the value of maintaining national purity and their place in the nation. The institute's events promote students' experience in organizing, developing teamwork, and time management skills. The following were the events organized in the institute during the academic year 2023 - 2024.

1. Republic day (26th Jan)
2. Independence Day (15th August)
3. International Yoga Day (21st June)
4. World Environmental day celebration
5. National Voters Day Celebration
6. Teachers' day (5th Sept) as birthday of great teacher Dr. Sarvapalli Radhakrishanna
7. National Education Policy (2020) Program
8. Sankranthi Samburalu - Local harvest festival
9. National Science Day
10. International Women's Day
11. World Water Day
12. National Technology Day

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

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 - I

Title of the Practice: Green, Safe, and Environmentally Friendly Campus.

Objectives of the Practice:

NBKCRIST is an eco-friendly institution promoting a clean, pollution-free campus through secure, safe, and community-focused strategies. It encourages students to maintain a clean environment and educates the public about environmental conservation.

The Context:

The next generation must be educated on the importance of eco-friendly projects and practices to ensure a clean, green, and safe environment.

The Practice:

NBKCRIST is promoting a green code of conduct through initiatives like tree-planting, groundwater storage, and energy conservation. The institute uses bore and open wells, RO purifiers, rainwater collection systems, and innovative strategies for responsible, economical, and energy-efficient operations.

Evidence of Success

NBKCRIST has considered 'Green Campus Project' as prestigious and implementing the objectives of the project towards enhancement of aesthetics and environmental preservation, resulting in significant financial savings.

Problems Encountered and Resources Required

Government assistance is needed for environmentally friendly projects like solar panels, automated switches, air quality monitoring, and recycling machines.

The biggest challenge is the lack of funding for self-financial institutions for sustainability projects.

Best Practice - 2

Title of the Practice: Organizing and creating awareness about 'blood donation camps'

File Description	Documents
Best practices in the Institutional website	https://www.nbkrist.co.in/Naacagarworks.php
Any other relevant information	https://drive.google.com/file/d/1Y683RRbItAaSRl0cI4MYegrgy-utklY/view

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)

NBK RIST implements unique measures to assist and support all stakeholders, including several discussed below.

- The institute encourages students to showcase their talents through co-curricular and extra-curricular events, including the Students' Council (SAC), which comprises various student clubs. These clubs organize activities on late working hours.
- The institute also provides skill development training programs to ensure students receive suitable placement opportunities.
- Faculty members are encouraged to contribute to quality research through incentives such as research papers, patents, and book chapters.

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.

NBKR Institute of Science and Technology (NBKRIST) is an autonomous college that develops all-inclusive curricula for undergraduate programs, following guidelines from Jawaharlal Nehru Technological University Anantapur (JNTUA). The curriculum considers vision, values, context, pedagogical approaches, and current industrial needs. From 2018-2019, effectively NBKRIST implemented an Outcome Based Education (OBE) curriculum, refining Program Educational Objectives and Program Specific Outcomes based on technological needs.

In NBKRIST, the curriculum is developed based on the elements listed above, and a draft is distributed to stakeholders. The curriculum has weights for the following:

- Basic Sciences
- Humanities and Social Sciences
- Engineering Sciences
- Professional Core courses
- Professional Electives.
- Open Electives
- Employability Enhancement courses
- Mandatory courses

The curriculum for NBKRIST undergraduate programs is developed by departments, with faculty trained in curriculum design and OBE involved. The content, delivery methods, and assessment are designed to meet program requirements and meet POs, PSOs, and PEOs. The curriculum is reviewed by various bodies, including the Department Advisory Board, Industry, Alumni, Faculty, Students, and the Board of Studies. The Academic Council designs the curriculum structure, following guidelines from JNTUA, Central and State Governments, and aligns with the institution's vision and mission.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.nbkrist.co.in/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year**1**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**33**

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	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year****1**

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
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

9

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

NBKIRST integrates cross cutting issues relevant to gender, environment, sustainability, human values, and ethics through specific courses and activities. In this direction, institute has constituted Women Development Cell (WDC), Women Grievance Cell (WGC), and Antiragging Cell to address gender, human values, and ethics issues. The WDC facilitates women's development, safety, and respect, while the WGC investigates complaints from girls and women staff. The counseling cell addresses students' behavioral and academic issues, organizing personality development camps and counseling training programs. The anti-ragging cell plans activities like anti-ragging campaigns, squad formation, debates, skits, and awareness lectures by government officials. The cell addresses student complaints, scrutinizes, and approves reports of the Anti-ragging Squad. The institution's commitment to these issues is evident in its academic courses, counseling cell, and anti-ragging initiatives.

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

26

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	No File Uploaded

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

641

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

607

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								
<table> <tr> <th data-bbox="97 353 531 421">File Description</th><th data-bbox="531 353 1388 421">Documents</th></tr> <tr> <td data-bbox="97 421 531 566">Provide the URL for stakeholders' feedback report</td><td data-bbox="531 421 1388 566">https://docs.google.com/forms/d/1mDCbJKDCMVQ8dG9X1eyqBdt1bfU0SV4VDXRDv5WT9RE/edit</td></tr> <tr> <td data-bbox="97 566 531 790">Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management</td><td data-bbox="531 566 1388 790">No File Uploaded</td></tr> <tr> <td data-bbox="97 790 531 846">Any additional information</td><td data-bbox="531 790 1388 846">View File</td></tr> </table>	File Description	Documents	Provide the URL for stakeholders' feedback report	https://docs.google.com/forms/d/1mDCbJKDCMVQ8dG9X1eyqBdt1bfU0SV4VDXRDv5WT9RE/edit	Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded	Any additional information	View File	
File Description	Documents								
Provide the URL for stakeholders' feedback report	https://docs.google.com/forms/d/1mDCbJKDCMVQ8dG9X1eyqBdt1bfU0SV4VDXRDv5WT9RE/edit								
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded								
Any additional information	View File								
1.4.2 - The feedback system of the Institution comprises the following	C. Feedback collected and analysed								
<table> <tr> <th data-bbox="97 992 531 1059">File Description</th><th data-bbox="531 992 1388 1059">Documents</th></tr> <tr> <td data-bbox="97 1059 531 1205">Provide URL for stakeholders' feedback report</td><td data-bbox="531 1059 1388 1205">https://docs.google.com/forms/d/1ip1O6Gb7mtcClJg7b_uPP7EUfPaWMmxH12uv1zoys88/edit</td></tr> <tr> <td data-bbox="97 1205 531 1261">Any additional information</td><td data-bbox="531 1205 1388 1261">View File</td></tr> </table>	File Description	Documents	Provide URL for stakeholders' feedback report	https://docs.google.com/forms/d/1ip1O6Gb7mtcClJg7b_uPP7EUfPaWMmxH12uv1zoys88/edit	Any additional information	View File			
File Description	Documents								
Provide URL for stakeholders' feedback report	https://docs.google.com/forms/d/1ip1O6Gb7mtcClJg7b_uPP7EUfPaWMmxH12uv1zoys88/edit								
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									
832									
<table> <tr> <th data-bbox="97 1630 531 1697">File Description</th><th data-bbox="531 1630 1388 1697">Documents</th></tr> <tr> <td data-bbox="97 1697 531 1765">Any additional information</td><td data-bbox="531 1697 1388 1765">View File</td></tr> <tr> <td data-bbox="97 1765 531 1865">Institutional data in prescribed format</td><td data-bbox="531 1765 1388 1865">View File</td></tr> </table>	File Description	Documents	Any additional information	View File	Institutional data in prescribed format	View File			
File Description	Documents								
Any additional information	View File								
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)									
632									

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.

NBKCRIST admits students from diverse backgrounds and skill levels through EAMCET counseling and management quota. The institute offers motivational classes and a bridge course for new students, providing basic science and mathematics fundamentals. However, each student has unique listening and comprehension skills, and teaching faculty must assess their listening and understanding levels to adapt teaching methodologies to cater to slow learners and advanced learners. Assessments for II-, III-, and IV-year students include MID exams, end-of-semester exams, continuous tests, class tests, and counseling. The Training and Placement Cell provides training in interview and communication skills, English proficiency, and personality development to enhance employability.

Following activities are done by the faculty to the students.

In case of slow learners:

- Special coaching class for slow learners
- Providing hand written/soft copies of lecture notes for easy understanding.
- Giving counselling for slow learners.
- Group study methodology
- Giving additional learning materials like question bank, university question papers.

In case of advanced learners:

- Motivate to participate in various technical events online courses like coursera, solo learning, industrial visit, value added courses.
- Conducting value added courses through Center of Excellence
- Providing effective training in English communication

skills.

- Involving them to do online certification programmes
- Conducting special classes to train them to prepare for GATE exam.
- Providing placement activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2024	3526	196

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:

In NBKRIST, the following student-centric methods are adopted for the benefit of the students. Experiential learning through various projects, industry visits, guest lectures, field visits, surveys, competition participation, and novel engaging courses. Students are also encouraged to participate in competitions and take field visits to nearby places as per course requirements. Participative Learning Methodologies: Various group activities, NSS activities, NCC and sports activities, club and society chapters, mandatory internship programs, seminars, and interactive classes. Seminars provide students with opportunities to enrich their learning experience, communication skills, and lifelong learning. Interactive classes with students discussing topics shared in advance. Problem Solving Methodologies: In the UG VII semester, students are required to propose innovative solutions to societal problems. This course includes research, skill-based

mini projects, quizzes and assignments, and tutorial classes. These projects aim to solve open-ended problems and are part of all practical-based courses.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.nbkrist.co.in/

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

Through the use of ICT resources, faculty members at NBKRIST are combining technology with conventional teaching techniques to improve student effectiveness and efficiency. Projectors, interactive whiteboards, computers, MOOC centers, online platforms such as Zoom, Google Meet, and Microsoft Teams, and MOOC platforms such as NPTEL and Coursera are all included in the relevant list. Through a variety of online platforms, such as Zoom and Google Meet, PowerPoint presentations, and Online Industry Connect, faculty have embraced ICT-enabled technologies to enhance the teaching-learning process. Additionally, it provides online competitions, recorded video lectures, and quizzes. Conferences, workshops, seminars, and virtual labs are all conducted using ICT tools. Virtual labs were created during the epidemic by filming experiments and showing them to students in hands-on classes. These techniques support students' continued engagement and connection.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.nbkrist.co.in/index.php
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

165

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

At the beginning of each academic year, the Academic Council of NBKRIST consults with the Director, Dean, Student Welfare, and HODs to create the Academic Calendar. The calendar contains information on semester registration, teaching session start dates, holidays, mid-semester examination dates, end-of-semester examinations, proficiency tests, internships, and academic audits. It is communicated to stakeholders and closely followed, including throughout the pandemic. All academic activities, midsemester examinations, quizzes, in-house summer internship programs, finishing school, final year internships, employability skill training, and remedial classes take place as scheduled.

The academic calendar is issued to the faculty members and students and published in institution website:

<https://www.nbkrist.co.in/academiccal.php>

The academic schedule provides:

- Date of commencement of the academic session.
- Duration of semester, commencement of Continuous Internal Evaluation (CIE) test and last working day.
- Parent teacher meeting. Commencement of practical and semester end examinations (Regular & Supplementary) and study period, and Date of reopening of the forthcoming semester etc.,.
- The academic calendar's adherence is ensured through periodic reviews at various academic/administrative levels.

At our institution, faculty prepare teaching plans at the start of the semester, which are circulated to students for review and preparation. These plans include module numbers, topic names, hours, teaching methodology, and dates.

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

196

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	No File Uploaded
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

67

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)

1576

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**

40

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

52

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

At NBKRIST, examination cell has implemented an automated academic, examination, and evaluation process, adopting student-centric and transparent practices. This includes digital registration and publishing of results, with IT integration and reforms resulting in significant improvements in examination procedures.

NBKIRST has implemented a comprehensive system for examination processes, including fee payment, scheduling, attendance monitoring, script coding, marks data entry, and program-wise results preparation. A payment gateway is available for online fees and registrations. NBKRIST also promptly addresses student grievances and has developed a mechanism for quick resolution. Online results publishing is available through a portal, and the system also offers shorter duration printing and issuing of

marks memos and provisional degree certificates. Digital maintenance of student records and certificates (Transfer Certificate, Bonafide Certificate, Custodian Certificate and Transcripts) is also available.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/showallexamcell.php

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

NBKIRST provides information about program outcomes (POs), program-specific outcomes (PSOs), and course outcomes (COs) through consultation with faculty and stakeholders. The department frames these outcomes in accordance with outcome-based education (OBE) objectives and respective information, related to POs, PSOs and COs, is disseminated through various channels: website, curriculum/regulation books, classrooms, department notice boards, laboratories, student orientation programs, meetings, interactions with employers, parent teachers, faculty, alumni, and professional body meetings. Heads of Departments, faculty members, class instructors, mentors, and course coordinators create the awareness among students regarding Program results, Program Specific Outcomes, and Course Outcomes, underscoring the significance of attaining these results.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.nbkrist.co.in/

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

The assessment of POs, PSOs, and CO involves direct and indirect methods. Direct assessment involves continuous rubric-based assessments for lab, seminar, and project work, mapping each rubric with CO, PO, and PSO, and semester-end theory examinations. Indirect assessment methods include surveys at course end, exit, alumni, and employer. CO attainment is calculated using rubrics, with direct CO attainment equal to $0.7 \times$ CO attainment through End SEM Exam, $0.2 \times$ CO attainment through Mid SEM Exam, $0.05 \times$ CO attainment through Quiz, assignments, student feedback, $0.25 \times$ CO attainment through Course End Seminar, and $0.8 \times$ CO attainment level.

The process for direct POs and PSOs assessment involves computing the attainment of POs and PSOs for each course using a CO-PO & CO-PSO matrix, and calculating the average of PO attainment in individual courses for levels 1, 2, and 3. Process Indirect Assessment Tools: Alumni feedback, Industrial Feedback, Graduate Exit Feedback.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/Naacagarworks.php

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

909

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	No File Uploaded
Paste link for the annual report	Nil

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://www.nbkrist.co.in/Naacagarworks.php>

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

The established Research & Development Cell (R&D Cell) at NBKRIST aims to encourage the faculty members to publish quality research papers, file patents, and publish books, chapters, and conferences. The R&D Cell also aims to create an ecosystem in terms of infrastructure and scholastics, enabling faculty members and students to pursue research in recent trends. A Research & Development Team is established to develop strategic research plans and implement them, with faculty members given full autonomy to carry out research according to funding agency terms and also to submit project proposals for various state/national level scientific agencies to get the research fund. Faculty are encouraged to undertake consultancy work. The college provides seed money grants to faculty members for research, and the Incubation Center aims to help young minds transform their innovative ideas into viable business plans and actions.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	No File Uploaded
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

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)**

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
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

0

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

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

3.2.3 - Number of teachers recognised as research guides

6

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

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

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 has established an innovation ecosystem, including an incubation center and other initiatives for knowledge creation and transfer. Faculty members are empowered to undertake research activities using existing facilities. NBKR Institute of Science & Technology has started an Entrepreneurship Development Cell (EDC) in the year 2013, to nurture the idea of entrepreneurship among the students. The Cell aims at creating an entrepreneurial ecosystem in the campus. It aims to develop and support new and future entrepreneurs thereby striving towards building the capacity of a technology entrepreneur, assessing demand opportunity, developing a marketable product, patenting and licensing, building the right team, raising money and creating value for customer and ventures.

Objectives of Entrepreneurship Development Cell (EDC):

- To create awareness on Entrepreneurships among young students
- To facilitate the development of Entrepreneurial Skills among students of Science & Technology
- To establish a modern category of Sustainable Technology – Competent Entrepreneurs
- To provide complete technical and other services to budding entrepreneurs
- To organize camps, seminars, symposia, workshops, industrial visits, conferences and other development programs

NBKRIST establishes Women Entrepreneurship Development Cell (WEDC) for women empowerment, enhancing quality education and sustainable student development. Incubation-Hub encourages

entrepreneurial students to generate innovative ideas. The Industry Institute Partnership Cell connects institutes and enterprises, offering consulting services, industrial trips, job-oriented programs, and innovation club activities. NBKRIST develops research ecosystem policy, explores funding, facilitates collaborations, and ensures quality. The Research and Consulting Cell supports various systems.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/EDcell.php

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

0

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

C. Any 2 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	No File Uploaded
Any additional information	No File Uploaded

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

4

File Description	Documents
URL to the research page on HEI website	https://www.nbkrist.co.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

59

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

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

8

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

20

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

3

File Description	Documents
Bibliometrics 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)

161200

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	No File Uploaded
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

0

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

Extension activities - Neighborhood Community:

The NSS unit at NBKRIST conduct many activities including the organization and promotion of Swachh Bharat Abhiyan, blood donation camps, anti-ragging awareness campaigns, rural development camps, and educational initiatives for communities. The NSS schemes of the Institute initiated various events like organizing and promoting Swatch Bharat Abhiyan, blood donation camps, awareness programs on anti-ragging, rural development camps, educating the villages, etc. The college significantly

contributes through its NSS wing, which engages in various initiatives such as addressing environmental issues and collaborating with orphanages, including volunteers in these efforts.

Social Issues: Environmental awareness activities, such as saving ponds and lakes, planting trees for the Green Revolution, and distributing clay Vinayaka idols during Ganesh Chaturthi festival, are being implemented to motivate the neighborhood to take similar actions.

Impact: The Institute has a Center of Excellence that elaborates ideas by understanding user requirements, brainstorming, and identifying solutions. Successful events like Haritha Haram, natural disaster donations, and digitization are conducted with volunteer participation and collaboration with other agencies/NGOs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/sportsdepartment.php

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

10

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
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)

12

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

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

2119

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

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

204

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

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)

17

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.

NBKR Institute of Science and Technology is a small town-sized educational institution that promotes sustainable practices. The institute boasts a beautiful green landscape, aesthetic architecture, and well-equipped classrooms, with 70% equipped with LCD projectors and LAN/Wi-Fi connectivity. Classrooms are equipped with blackboards, projectors, fans, and lights, and smart boards and video conferencing facilities. NBKRIST follows AICTE and JNTUA norms for well-equipped laboratories, ensuring maximum attainment of COs and POs in alignment with OBE. The institute has 9 seminar halls with different seating capacities and an open auditorium for various events. Departments have separate computers labs for programming and simulation experiments, and teaching staff have internet/Wi-Fi connectivity on desktops/laptops. The library is fully automated using a computer system for all aspects of management, with a server, 7 TB of storage, and an OPAC (Online Public Access Catalogue) for easy searching. The library collects and maintains rare books, manuscripts, and special reports for students and faculty. It is a member of the DELNET-IM-4790 network, providing access to 2,83,50,450 records of books, periodicals, theses, dissertations, and IEEE print journals. NBKRIST also offers transport services to 80 kilometers, a health care center with full-time doctors and paramedical staff, and a 24/7 ambulance for emergency situations. A two-seat canteen with hygienic food is available for students and staff, and a store is functioning on the campus to cater to stationary and general needs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in

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

NBKRIST extends constantly support for physical education and in this direction a separate sports activities are incorporated in the regular curriculum. The College Cultural Committee hosts events to showcase students' talents and leadership qualities.

The Physical Education department conducts sports tournaments, while the Yoga Centre offers yoga sessions for students and faculty. NBKRIST also has a dedicated indoor sports area for table tennis, badminton, chess, and caroms, as well as a large indoor gymnasium facility for yoga, weight training, and cardio exercises. The Institute has a variety of sports facilities including cricket, basketball, football/hockey, volleyball, and a courtyard ground. Indoor activities include table tennis in the canteen and chess, carom, and skipping ropes in the girl's hostel. Outdoor cultural activities are held in auditoriums and courtyards, accommodating 300-200 people.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://103.203.175.90:83/

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

85

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)

1811.70

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

4.2 - Library as a Learning Resource

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

NBKCRIST's central library, established in 1979, is a crucial knowledge resource for engineering faculty and students, containing 44191 volumes, 267 journals, magazines, and 12292 E-books.

Vision:

To Provide Valuable Resources for Industry and Society through Excellence in Technical Education and Research

Mission:

- To provide quality service to the users.
- To disseminate technical knowledge.
- To offer modern tools for accessing information.
- To network with leading libraries

The library catalog is accessible online and has a gate register at the entrance. It uses a contactless self-renewal system to renew borrowed books without visiting the transaction counter. The catalog search is efficient, focusing on 15-20 books on a shelf. Students are encouraged to have at least one text book for each subject, as the library is a reservoir of information and knowledge. They should study in the library during library hours instead of leaving after class. SC and ST students can use the SC and ST book bank for their text books.

Library avails the 155 Mbps internet connectivity for BSNL Leased Line. The Library subscribes to AICTE Mandatory E-Journals like IEEE, IET Springer, DELNET, IETE, National Digital Library and J-GATE Engineering & Technology.

<https://www.nbkrist.co.in/library.php>

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/libweblinks.php
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)	
11,34,737.00	
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	
300	

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

NBKCRIST implemented an Information Technology Policy in 2013 to ensure legal and appropriate IT use in its premises. With two network connections across all department buildings, the college plans to increase to RINGconnections in the near future.

The institute IT policy covers internet usage, login guidelines, email security, software usage, and cyber security. IT Support CUK protects privacy, safeguards information assets, mitigates vulnerabilities, detects and recovers from cyber incidents, and promotes cyber awareness. Specifically, NBKCRIST has budgeted for IT infrastructure improvements for every year.

The campus provides comprehensive Wi-Fi coverage, including canteen extension, 1.2 Mbps speed, 85 access points, 24/7 computer access, and dedicated Internet Labs. The Institute also offers computer centers for general purposes and extra learning hours, as well as syllabus-specific laboratories

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1p5v8BdEi7UDXo7zSVvTePrD8_Mhv1G8/view?usp=sharing

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3526	1320

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. 750 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

C. Any two of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/
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)

1223.95

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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 NBKR Institute of Science and Technology is dedicated to maintaining academic and physical facilities to optimize resource utilization and minimize depreciation. The administrative officer follows systematic procedures for maintaining academic facilities, while department heads handle this task.

The institute has a maintenance team, security, computer, CCTV camera, transport department, sewage treatment plant, and paper waste recycling plant, with all departments handling maintenance and transportation.

The college's housekeeping team is responsible for sweeping indoor and outdoor spaces, including academic buildings, hostels, administrative buildings, and libraries, to maintain greenery. Dead leaves from plantations are used for bio compost, and the use of polythene bags and plastics is strictly prohibited on campus.

NBKRIST adheres to a systematic approach to maintaining and utilizing its equipment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.nbkrist.co.in/

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

2668

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

76

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) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	http://103.203.175.90:83/
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

18

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	View File
Upload any additional information	View File

5.2 - Student Progression

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

215

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

5

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
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

6

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

4

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

NBKIRST aims to offer value-added professional education to engineering, technology, computer applications, and management students, with the establishment of committees to continuously improve its services.

The library committee, led by the institute's director, consists of librarians and assistant librarians, ensuring the library is updated in all academic provisions for efficient student use.

The class monitoring committee, consisting of the HoD, faculty members, and five students, meets twice a semester to discuss course progress and classroom teaching methodology.

The anti-ragging committee will supervise and advise on promoting a ragging-free environment on the institute campus, with office bearers checking hostels, buses, canteens, classrooms, and other student congregation spaces under their supervision.

The Grievance Redressal Committee of NBKRIST was established to comply with AICTE regulations 2012, allowing aggrieved students or stakeholders to apply for grievance redressal from various staff positions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/

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

10

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	View File

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

NBKRIST Alumni Association is a registered body under educational society, involving all graduated students. Members

interact with management, principal, faculties, and staff members to promote the institution's development. The committee is formed every periodic years and holds two executive meetings annually. The college's Annual Alumni Meet includes registration, inauguration, games, association formation, interaction with students, cultural programs, and lunch. The institution effectively utilizes the expertise and financial support of its large and loyal alumni network for the institution's overall growth. The Alumni chapter also contributes to the institute's development through various support services.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

5.4.2 - Alumni's financial contribution during the year

E. <2 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

VISION: To emerge as a comprehensive Institute that provides quality technical education and research thereby building up a precious human resource for the industry and society.

Mission:

- To provide a learner-centered environment that challenges individuals to actively participate in the education process.
- To empower the faculty to excel in teaching while engaging in research, creativity and public service.
- To develop effective learning skills enabling students pick up critical thinking thus crafting them professionally fit and ethically strong.

- To reach out industries, schools and public agencies to partner and share human and academic resource.

The Governing Body (GB) is the highest decision-making body of the Institute, following guidelines from the University Grants Commission. It comprises management representatives, government nominees, industrialists, educationalists, and faculty members. The GB ensures strategic planning through a bottom-up approach and top-down implementation. Decisions on admission, budget, infrastructure, teaching-learning process, and placements align with the institute's vision, mission, and quality policy. The GB meets 1-2 times a year to review performance and contribute to the organization's growth.

NKBRIST, led by Director Prof. V. Vijaya Kumar Reddy, has a clear structure with administrative and academic responsibilities. Faculty members actively participate in decision-making bodies, including the Internal Quality Assurance Cell, Academic Council, and committees.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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

Governing body is statutory requirement of the UGC and AICTE. This council shall meet to review and approve the following:

- Budget for the academic year
- Staff appointments
- To review the performance of institution

Functions of governing Body:

The director of the NBKRIST is the member secretary of the Council and shall prepare the agenda and arrange for the convening of the meeting in consultation with the chairman of the Governing Council.

- Approves the Institute Vision and Mission and long-term plans.
- To ensure the achievement of the mission and vision of the organization, future academic plans and research activities should be promoted by providing direction of implementation and overall monitoring of the activities.
- Approves all the Human resource policy and administrative policy of the NBKRIST
- Approves the department budgets and overall college budget.
- To uphold the legal stature of the college in view of AICTE, State Government and JNTUA
- To take decision regarding the intake and addition or discontinuation of any programme.
- To ensure proper management, maintenance and custody of the institution in relation to land, infrastructure, equipment and funds
- To ensure approval of appointment of staff by way of selection committee of the institute in accordance with norms prescribed by AICTE and JNTUA.
- To create peaceful and favorable atmosphere for study free from ragging.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

6.2 - Strategy Development and Deployment

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

NBKRIST has a perspective plan addressing various areas, which is discussed with stakeholders in academic and administrative forums, and monitored by the Director of the institute.

Teaching and learning:

- Faculty members are encouraged to register for PhD in reputed institutes and help them for completion and

attending various training programs/conferences.

- A few faculty members are proposed to attend national institutes for one term for UG program course work.
- Continuing education programs in specific domain areas are regularly organized in collaboration with industries, enhancing understanding of teaching-learning styles.

Research and development: NBKRIST promotes research through policies, publications, consultancy activities, and financial assistance for conferences and faculty development programs. Regular expert lectures, software tools, faculty/student interaction, and alumni interaction expose students to latest research areas, encourage international journal publication, and organize research symposiums.

Community Services: Regular blood donation and bone marrow testing camps are organized, and annual human resource planning and development are conducted, along with in-house training programs for employee skill development.

Industry interaction: NBKRIST fosters strong interaction with industries, with industry experts delivering guest lectures and promoting sponsored research projects. Regular industrial visits allow students to engage in active learning experiences. Internship training exposes students to the working environment in the industry, while corporate training provides professional development and knowledge transfer. Alumni working abroad deliver expert lectures, and the institute plans to tie up with foreign universities for student and faculty exchange.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.nbkrist.co.in/
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 institution has a clear hierarchy and structure for effective decision-making. The governing body, including academic council, director, deans, HoDs, and senior faculty members, meets once a semester to make decisions on course

introductions, closures, construction, and facility enhancements. The institution's administrative setup follows the organogram chart, with the Internal Quality Assurance Cell (IQAC) monitoring committee functioning. Deans, IQAC, administrative officers, and other section heads report to the institution head, while staff report to respective section heads. Service rules are formulated according to guidelines from affiliating universities and approval bodies. The Governing Body members are responsible for establishing and monitoring effective control and accountability systems to ensure Outcome Based Quality Education in line with the Institute's vision.

In NBKRIST Administrative Management Overview:

- Managed by the Director through a decentralized system for academic, research, development, and extension activities and Governing Body plays a vital role in the Institute's growth through meetings and visits. Responsibilities shared among Dean-Academics, Dean Students Welfare, Registrar, Exam Controller, Proctor, Department Heads, Deputy Registrar, and AO officer.
- Decentralized mechanism assigns faculty roles for empowerment and stakeholder interaction.
- Organizational chart shows various administrative responsibilities and committees for power delegation and decentralization.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.nbkrist.co.in/orgchart1.php
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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

NBK RIST has successfully implemented welfare measures for both teaching and non-teaching staff, providing them with various benefits. NBK RIST offers various schemes in line with AP Govt. norms, including gratuity, EPF, pension and university welfare schemes. It also provides promotions, upgradation, and career advancement as per government/institute norms. Faculty and staff are encouraged to attend workshops, conferences, and training programs with leave. The institution also provides seed money for research and awards for outstanding performance in teaching, research, and administration. In-house faculty and staff development programs are conducted, and the institution also conducts pedagogical approaches, finance management systems, MS-Office, office management, waste management, and fire extinguisher training. The institution also has a Grievance Redressal Cell to address faculty and staff grievances.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/

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

26

File Description	Documents
Upload any additional information	No File Uploaded
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

32

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

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.)

52

File Description	Documents
Summary of the IQAC report	No File Uploaded
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 management of the NBKRIST conducts a regular internal audit and as well as financial audits performed by a certified public accountant through the Society. These audits are authorized and endorsed by the institution's governing body and adhere to

financial policies. To verify compliance, the finance committee, under the direction of the director, periodically performs internal finance audits. An authorized authority authorizes a reputable firm or organization to conduct an external audit once a year. These audits make sure that everything is done strictly for the institute's benefit and with an eye toward its success.

The Finance Committee reviews income/expenditure statements and proposes action plans, while management through the Governing Body examines income and expenditure patterns, providing pragmatic recommendations for an effective financial management system that aids the institution's overall development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/administrativeofficefficer.php

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)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

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

NBK RIST primary funding source is the annual fee received from students, which is collected in accordance with state fee regulations. The fee is converted into fixed deposits and withdrawn regularly to cover expenses. Funds are also raised through supported projects, consultancy, and philanthropic contributions. Research grants are used to cover equipment,

travel expenses to attend scientific conferences, and stipend expenses.

The budgetary process commences with department/section heads submitting budget proposals, covering various aspects like infrastructure development, educational resources, and cultural activities, to the finance committee. Monthly budgetary needs are also outlined in these proposals. The finance committee reviews these proposals, prepares minutes of its meetings, and convenes a gathering of department/section heads to suggest adjustments for balanced finances. The administration is informed about the infrastructural, equipment, ICT, academic, and financial needs, leading to the creation of a budget and plan document, a time frame for equipment purchases, library books, IT infrastructure, student council activities, and faculty development. The finalized budget estimate is then presented to the governing body for approval. Upon approval, the budget allocations are communicated to departments and sections, with the institute ensuring continuous monitoring of budget utilization

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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)

- The use of novel teaching tools has been continuously updated in accordance with outcome-based education (OBE) to improve CO and CO-PO attainments.
- The implementation of necessary training programs for outgoing students has been implemented to enhance student recruitment in various multinational corporations.
- IQAC played a crucial role in obtaining UGC autonomous status for 10 years, demonstrating excellence in achieving autonomous status.
- IQAC played a crucial role in the preparations for the NIRF ranking.

- Consolidation of various Formats of forms for various quality related processes Preparation and submission of AQAR of previous year Compilation and submission of data to AISHE, NIRF, and other agencies

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/Iqac.php

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

- IQAC reviews the teaching-learning process, structures, and methodologies through the Academic Calendar and Lesson Plans.
- The Academic Calendar is prepared at the start of the year, allowing space for activities like seminars, guest lectures, workshops, FDPs, certification programs, and remedial teaching.
- Lesson Plans are prepared by faculty members for each semester, encompassing objectives, instructional methods, materials, and additional resources.
- The institution uses a calendar-based system to display timetables, including subjects, teachers, and lecture rooms, on notice boards and sends digital copies to students and teachers.
- A feedback system is in place to evaluate teachers, including regular student evaluations, feedback on teaching methodologies, course delivery, strengths and weaknesses, and subject difficulties. The director of NBKRIST monitors the total system and take corrective actions as needed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nbkrist.co.in/Iqac.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and

A. Any 4 or all of the above

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)

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.nbkrist.co.in/affiliation.php
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

NBKR Institute of Science and Technology (NBKRIST) prioritizes ethical work culture, inclusivity, and equal opportunities for all individuals, regardless of gender, race, caste, color, creed, language, religion, political opinion, national or social origin, property, birth, or other status, prioritizing safety, security, well-being, gender equity, and a friendly working atmosphere. The institute and its neighboring community value gender sensitivity, as demonstrated by the following facilities.

Security and Safety: NBKKRIST has hired vigilant women wardens and assistant wardens to monitor the Girls Hostel, implementing security checkpoints at all entrances and exits. Faculty rotates for discipline and strict anti-ragging measures. Awareness campaigns on women's safety and gender sensitivity are conducted through street plays, rallies, and camps. Separate hostels are provided for girls, and hostel committees are formed. Security guards are deployed at the main gate, and students with valid ID cards are allowed into the campus.

Counseling: The faculty offers guidance to students, addressing

academic performance, career plans, and personal issues, while the Department Head monitors psychological health, ICC members address stress, and police counsel students.

Common Rooms: The faculty offers guidance to students, addressing academic performance, career plans, and personal issues, while the Department Head monitors psychological health, ICC members address stress, and police counsel students.

Other measures of Gender Sensitization also include, Curriculum and Coursework. Co-curricular activities, Field Visits, Community outreach.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nbkrist.co.in/

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)

NBK RIST is implementing the measures to manage degradable and non-degradable waste, focusing on reducing, reusing, and recycling. The institute encourages staff and stockholders to refuse unwanted items, promoting a green campus through compact LED bulbs, segregating wet & dry waste, and using solar panels for clean energy. A tree plantation drive and afforestation are also implemented. The institute maintains a waste treatment and recycling unit, and water is used for plant watering and domestic use. Separate dust bins are maintained for collecting degradable and non-degradable domestic waste. Efforts for Waste

Management include the following:

- The institute campus has implemented several initiatives to reduce waste and promote sustainability.
- The Vermicomposting Plant decomposes biodegradable waste, segregating solid and kitchen waste, producing nutrient-rich manure for the college garden.
- External agencies recycle used papers, newspapers, and files, promoting double-sided printing.
- A centralized computer repair center streamlines maintenance and complaint handling. Discardable systems are discarded, while usable parts are used for replacements.
- Both boys & girls hostels monitor food waste daily, raising student awareness.
- The institute's departments avoid hazardous chemicals and radioactive materials, while first-year laboratories use non-hazardous chemicals.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
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 water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

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	No File Uploaded
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**

C. Any 2 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
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.	C. Any 2 of the above
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
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).

NBKCRIST has implemented measures to foster an inclusive environment, ensuring equal opportunities for all individuals and respecting individual opinions in all fora. Institute promotes equality and inclusivity by organizing successful events and festivals that foster tolerance and harmony among students and staff, promoting tolerance and respect for cultural, regional, linguistic, communal, socio-economic, and other diversities.

- The reservation policy is strictly adhered to in line with government norms to ensure equal opportunities for students from all societal sections.
- The Mentor-Mentee system provided comprehensive guidance and counseling to all students, regardless of their background.

- Festivals like Sankranthi, Dasara, Deepawali, Krishnasthami, and Christmas help staff and students understand the intricacies of different cultures and their social significance.
- The NSS, in collaboration with JNTUA, organizes a few youths exchange programs on campus.
- The NSS promotes environmental conservation, water judiciousness, science and technology influence, and gender equity among students through various activities.
- Each department actively engages differently-abled individuals in college activities by providing a barrier-free environment, facilities, and assistance, and revising the curriculum to promote human rights, peace, and environmental awareness.
- The mandatory induction program at NBKRIST has significantly aided students in adopting healthy lifestyle habits and fostering harmony in their lives.

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:

NBKIRST conducted various programs to raise awareness about constitutional duties of staff and students, including obligations and liabilities of citizens.

- The institute regularly conducts programmes like Republic Day, Independence Day, Constitution Day, and National Voters' Day to educate staff and students about fundamental rights and duties in India's constitution, thereby fostering democratic values in students.
- The NSS coordinators conducted pledge campaigns in college to raise awareness about the importance of voting, unity, and diversity, especially among students.
- The NSS implements social service programs to instill responsibility towards society, educate rural background people, and promote environmental sustainability among students.

- In the curriculum, the topics on human values and professional ethics in various fields, discussing values, rights, duties, and concepts to enhance future citizens' responsibilities, are included.

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

C. Any 2 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	No File Uploaded
Any other relevant information	No File Uploaded

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

NBKRIST promotes ethics and values among its students and faculty through national festivals and anniversaries, aiming to break down religious and caste barriers and contribute to a better India. The institution encourages the sharing of great Indian personalities' thoughts through exhibitions and

programs, promoting a pluralist approach towards religious functions. It also celebrates national festivals and anniversaries of notable Indian figures to teach the value of maintaining national purity and their place in the nation. The institute's events promote students' experience in organizing, developing teamwork, and time management skills. The following were the events organized in the institute during the academic year 2023 - 2024.

1. Republic day (26th Jan)
2. Independence Day (15th August)
3. International Yoga Day (21st June)
4. World Environmental day celebration
5. National Voters Day Celebration
6. Teachers' day (5th Sept) as birthday of great teacher Dr. Sarvapalli Radhakrishanna
7. National Education Policy (2020) Program
8. Sankranthi Samburalu - Local harvest festival
9. National Science Day
10. International Women's Day
11. World Water Day
12. National Technology Day

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

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 - I

Title of the Practice: Green, Safe, and Environmentally Friendly Campus.

Objectives of the Practice:

NBKCRIST is an eco-friendly institution promoting a clean, pollution-free campus through secure, safe, and community-focused strategies. It encourages students to maintain a clean environment and educates the public about environmental conservation.

The Context:

The next generation must be educated on the importance of eco-friendly projects and practices to ensure a clean, green, and safe environment.

The Practice:

NBKCRIST is promoting a green code of conduct through initiatives like tree-planting, groundwater storage, and energy conservation. The institute uses bore and open wells, RO purifiers, rainwater collection systems, and innovative strategies for responsible, economical, and energy-efficient operations.

Evidence of Success

NBKCRIST has considered 'Green Campus Project' as prestigious and implementing the objectives of the project towards enhancement of aesthetics and environmental preservation, resulting in significant financial savings.

Problems Encountered and Resources Required

Government assistance is needed for environmentally friendly projects like solar panels, automated switches, air quality monitoring, and recycling machines.

The biggest challenge is the lack of funding for self-financial institutions for sustainability projects.

Best Practice - 2

Title of the Practice: Organizing and creating awareness about 'blood donation camps'

File Description	Documents
Best practices in the Institutional website	https://www.nbkrist.co.in/Naacagarworks.php
Any other relevant information	https://drive.google.com/file/d/1Y683RRbItAaSRl0cI4MYeegrqy-utklY/view

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)

NBKIRST implements unique measures to assist and support all stake holders, including several discussed below.

- The institute encourages students to showcase their talents through co-curricular and extra-curricular events, including the Students' Council (SAC), which comprises various student clubs. These clubs organize activities on late working hours.
- The institute also provides skill development training programs to ensure students receive suitable placement opportunities.
- Faculty members are encouraged to contribute to quality research through incentives such as research papers, patents, and book chapters.

File Description	Documents
Appropriate link in the institutional website	https://www.nbkrist.co.in/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- Aim to improve the NIRF Ranking,
- To expand lab infrastructure for research and skill development, encourage students to enroll in NCC army wing,
- To renew NBA accreditation for eligible UG programs,
- To encourage students to participate in national and international events, and provide guidance and support to enthusiastic entrepreneurs.

