Academic Audit

Dept. of Civil Engineering

Academic and administrative audit is very important and one of the most vital activities in the pursuit of academic excellence. Academic audit is essential for the enhancement of the quality of education of an institution so that the students can satisfy the changing manpower requirements of the industry and the society at large. It is a systematic procedure of designing, implementing, and maintaining a system that would ensure continuous improvement in teaching learning process as evaluated through the learning skill/performance of the students.

The Internal Quality Assurance Cell (IQAC) and Academic Council (AC) are the two academic bodies constituted by Hon’ble BOG, HIT and comprising Director/Principal, Deans, HoDs, The Registrar and other administrative personnel, are responsible for development and execution of this system/process.

The IQAC and Academic Council in its meetings identify the short term as well as long term objectives/goals and accordingly establish the requirements (such as faculty, other resource persons, laboratory, equipment, other infrastructure, internet, computing facilities, etc.).

Appropriate actions are then initiated by the concerned HOD & Dean through IQAC. The schedule of execution of different academic events like lectures, tutorial classes, laboratory classes, mid-term tests, curricular and co-curricular activities, soft skill development classes, seminars, conference, workshops, industrial training, projects, guest lectures, grooming classes etc. are finalized by the Academic Council. A routine committee is also constituted in every semester for preparation of the time table. The Faculty members and staffs are also apprised of their subjects of teaching well ahead of the commencement of the semesters. Continuous endeavour by the faculty members in terms of use of modern teaching aids (such as PPTs, models, LRs) and enrichment of the subjects/topics with current developments along with new ideas/exploration of modern tools and techniques have helped to attain improvement in the learning skills. These approaches make the teaching-learning joyful also. Theoretical and laboratory classes are supplemented and fortified with seminars, workshops, guest lectures by the academic and industry personnel so as to make the students.
aware of the real life situations/research and development which are taking place all across the globe and its current state of affairs.

During execution, members of AC and IQAC [Director/Principal, Deans, & HODs] continuously monitor the process and accordingly take all necessary corrective actions. The knowledge and skills acquired by the students are evaluated by the mid-term tests, quizzes, assignments, seminars, group tasks etc. Continuous monitoring and taking corrective measures eventually help to realize the performance improvement of the students in terms of end semester results, success in national level competitive examinations (like GATE, CAT, GMAT), improvement in placement records etc. The entire process being continuous by nature, the IQAC and the AC seamlessly attempt to take appropriate measures to educate the students in a fashion commensurable to the tune of the changing requirements of the industry and the society.

The Audit Committee

The audit committee was formulated by the Institute to visit the department year-wise, prepare and submit the detailed report following the guidelines provided by the NAAC. The committee was comprised of the following members:

1. Prof. Dr. Asit Kumar Saha, Principal, Haldia Institute of Technology
2. Prof. Dr. Tarun Kanti Jana, Dean, School of Engineering, Haldia Institute of Technology
3. Prof. Dr .Ajit Lal Guha, Head of the Dept. of Civil Engineering, Haldia Institute of Technology
4. Mr. Naval Kishor Yadav, Associate Professor, Dept. of Civil Engineering, Haldia Institute of Technology

Objective of the Academic Audit:

Principles of the Academic Audit:
1. Define quality in terms of outcomes
Principles of the Academic Audit:

1. Define quality in terms of outcomes
   - Learning outcomes should pertain to what is or will become important for the department’s students.
   - Learning, not teaching per se, is what ultimately matters.

2. Focus on process
   - Departments should analyze how teachers teach, how students learn, and how to best approach learning assessment.
   - Departments should study their discipline’s literature and collect data on what works well and what doesn’t.
   - Experimentation with active learning should be encouraged. Faculty should be encouraged to share and adopt their colleague’s successful teaching innovations.

3. Work collaboratively
   - Teamwork and consensus lead to total faculty ownership of and responsibility for all aspects of the curriculum and make everyone accountable for the success of students.
   - Dialogue and collaboration should be encouraged over territoriality and the “lone wolf” approach.

4. Base decisions on evidence
   - Departments should collect data to find out what students need.
   - Data should be analyzed and findings incorporated in the design of curricula, learning processes, and assessment methods.

5. Strive for coherence
   - Courses should build upon one another to provide necessary breadth and depth.
   - Assessment should be aligned with learning objectives.

6. Learn from best practice
   - Faculty should seek out good practices in comparable departments and institutions and adapt the best to their own circumstances.
• Faculty should share best practices and help “raise the bar” for their department.

7. Make continuous improvement a priority

• Departments should continually and consciously strive to improve teaching and learning.

Following the broad objective of the Academic and Administrative Audit, Vision and Mission of the Institute, the Department of Civil Engineering set the following three objectives:

1. To develop qualified and proficient civil engineers having contemporary skills through outcome-based and self-learning strategies for the service of the sorority.
2. To encourage innovative and real world problem oriented research capabilities in the young engineers.
3. To infuse strong ethical values and good professional behaviour, so as to adapt and absorb contemporary changes in the field of engineering profession.

**Designing Curriculum and Co-curriculum**

All Higher Education Institutions (HEI) engaged in engineering education need to undertake a review of existing courses to consider the extent to which the global dimension is adequately reflected. HEIs through its engineering subject centre to promote professional development around the concept of the ‘global engineer’ incorporating links with existing initiatives on sustainable development and internationalization. Contemporary research in engineering education focuses not only on learning processes and individual versus team learning, but also on educational techniques for use in the classroom setting. As a forward-thinking HEI, the Halda Institute of Technology is adapting courses to equip graduates with the skills, knowledge and attitudes that are necessary to maximize the positive and far-reaching impact of engineering on society. Curriculum overall can be viewed as a composite whole, including the learner, the teacher, teaching and learning methodologies, anticipated and unanticipated experiences, outputs and
outcomes possible within a learning institution. The basic premise is that teachers’ professional development is most effective through their active involvement in curriculum design communities. In case of the Haldia Institute of Technology, much scope was not available till it got the autonomous status in 2019.

**Designing Teaching and Learning Methods**

The processes followed to improve quality of Teaching & Learning process are as follows:

1. **Following the Academic calendar**: The Academic council of the institute develops its own academic schedule following the academic calendar of the University. It is circulated in all the departments and it is followed by all the faculties, staffs and students of the Institute. HODs of individual departments, Controller of Examination and Deans monitor adherence to the Academic Calendar throughout the semester. The individual subject teachers organize lecture plan according to the University syllabi. Course teachers generally follow the lecture plan in order to complete the syllabus before the semester examination.

2. **The pedagogical initiatives taken**: Apart from ICT based learning tools, the conventional “chalk and talk” is also in use depending on the situational needs to explain certain equations and derivation of the subject. Interactive class room teaching is conducted based on the quiz, mini presentation to encourage collaborative learning. Demonstration of models and equipment related to the subject is carried out in the laboratory to give students a flavour of real-life examples. Minute details on class room teaching have been delineated in the respective course files of each individual teacher.

3. **Supporting bright students, assisting weak students**: Weak students are generally identified by the faculty members through their class performance, end semester results and feedback. Additional special classes are arranged for the weak students where extra study materials are provided followed by interactive sessions. Bright students are encouraged further by giving assignments, complex problems, mini projects to nurture their hidden talents.

4. **Quality of class room teaching**: Quality of class room teaching is improved by creating a
suitable ambience for the inquiring mind of the students regarding the subject. The lecture session is made interactive in nature. They are inspired to ask questions, interact with each other, present small lecture based on their syllabus. Assignments are given frequently incorporating various academic problems. Design types of problems and mini-projects are provided as a part of collaborative learning. Students are also encouraged to interact with the teachers inside and outside the class with all sorts of academic problems. They are provided with various study materials, handouts etc. by the respective teacher.

5. Laboratory experiments: Experiments are conducted in the laboratory following the guidelines and steps as mentioned in the lab manuals. Each individual experiment is first conducted by the teacher concerned which is followed by the students under the close observation of the lab technicians while performing experiments. Their queries and doubts are addressed properly. All the students appear for a viva-voce after completion of experimentation.

6. Continuous assessment in the laboratory: Based on their daily performance, 40% weightage of the total marks is given to all the students based on their attendance. The remaining 60% marks is based on the performance of lab experiments, lab note book maintenance and activity in viva-voce as per university set guide lines computed at end semester examination.

7. The mechanism to support students for the achievement of POs: Following initiatives involves content beyond the syllabus:

- Industry visits
- Industry Expert lectures
- Guest lectures
- Membership to professional societies
- Conferences and seminars organized and participated by students
- Communication skills courses and programmes.

As evident from above, both Traditional and Innovative Techniques are used to ensure attainment of course objectives and outcomes. To reinforce the material taught formative
assessment is done regularly through assignments and technical quizzes etc. and practical training in industry/project work in industry, industrial training/summer internships are organized for students.

Developing Student Learning Assessment

1. **Student's Projects:** It is imperative that at the beginning of the seventh semester, a notification is given by the HOD for project proposals and allotment to the faculties. The faculties and the students then submit the project proposals to the HOD. Based on the appropriate project selection criteria it is observed whether the projects are matching with the selection criteria or not. Project proposals which comply with the selection procedures are finalized in a group and are allotted.

2. **Expression of innovative ideas of students in seminars, conferences, etc.:** The department time-to-time provides great platform to the students to express their innovative ideas in terms of research papers, posters and models in seminars, workshops, conferences, journals, etc. Teachers also encourage students and support their unique ideas with their experience in several inter-institute competitions. The department also hosts ‘The Penlighten’ where students express and write their innovative ideas along with the distinguished alumni and teachers.

3. **Alumni Meet:** Each year the department organizes alumni meet where the students meet the distinguished ex-students of the department. The interaction paves a great learning platform.

Assuring Implementation of Quality Education

1. **Students' feedback of teaching learning process and actions taken:** Mentors supervise the students approximately in a ratio of 20:1 for monitoring their academics as well as non-academic issues. An online course feedback is conducted from the students centrally as a part
of central monitoring system at the end of the semester. The HOD reviews the individual feedback of the faculties and interacts with them and the remedial actions are suggested.

2. Feedback from industry on industrial / vocational training: In order to monitor the seriousness of all the students during their industrial/vocational training, a feedback form in the form of Letter of Evaluation is introduced from the department. This feedback form encapsulates a) practical skill, b) orientation to learn new concepts, c) logical reasoning, d) oral communication and above all e) punctuality of the students and the 50 marks out of hundred is allotted to it. The department takes respective measures to each student based on such feedbacks to rectify the lacunae.

3. Feedback from Employer: A feedback is gathered from different employers to understand the current industry orientation which needs to be implemented in terms of a series of upgradation of the syllabus and teaching methodologies. This helps to unveil the lacunae amongst the students regarding their performance/approach for performing in industry.

4. Parents’ feedback: A coalesced report is prepared on the basis of parent’s opinion during parent meeting conducted. HOD and senior faculties discuss on the feedbacks and take necessary steps.

5. Alumni feedback: A detailed report is usually prepared on the basis of the collected information from the alumnae. Since alumni are the ex-students and currently employed, their feedbacks are specifically analysed and HOD takes necessary measures to improve the quality of education.
Academic Audit (2017-18)

The Audit team began their visit on 20th July 2017 and spent an entire day in the department for brief interactions with the faculty and technical staff of the department. They interacted with the students and visit to the laboratories and library. Based on the information/data gathered from the available documents and the interactions afforded with the different components of the department, the Audit Committee has made a sincere endeavour to put forward certain views, observations and recommendations in the body of this report with expectations and recommendations, when implemented, will best serve the interest of the department as well as the institute.

Observations:

1. The course offered by the department is much sought after by the students as is evidenced by the number of students admitted for the programme. The double strength of the students supports the students' preference for this programme in this department. Together with a well-established brand name and an ambient and apolitical academic environment, the Department of Civil Engineering of Haldia Institute of Technology is considered a good choice for students interested in the discipline.

2. The department has developed some potential areas of teaching, research, and consultancy in structural engineering, geo-technical engineering, environmental engineering, highway and transportation engineering and geoinformatics/geomatics engineering. The Geoinformatics Cell in the department signed MoU with the West Bengal Electronics Industry Development Corporation Limited (WBEIDC), Govt. of West Bengal and Webel for urban infrastructural and utility mapping of the Howrah Municipality. The department is also running one R&D project entitled “Synergic Use of Multi-Sensor Optical and SAR Remote Sensing for Monitoring Inventory-Based Multi-Scale REDD+ MRV for Indian Forests” (duration 2016-18) under the mentorship of Dr. Abhishek Santra, Associate Professor, Dept. of Civil Engineering funded by the Science and Engineering Research Board (SERB), Govt.
of India (Sanctioned Amount Rs. 17.54 Lakhs) in the areas of geoinformatics. The department also received one new R&D project entitled “Modeling Runoff Variability and Predicted Runoff Condition of a Semi-Gauged River Basin of Tropical India as a Response to Climate and Transformed Landuse Landcover (LULC)” (duration 2017-20) under the mentorship of Dr. Shreyashi S. Mitra, Assistant Professor and Dr. Abhisek Santra, Associate Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 37.14 Lakhs) in the areas of geoinformatics. The department also runs consultancy works with reputed organizations like the Indian Oil Corporation Limited.

3. The faculties of the department are publishing regularly the research output in reputed peer-reviewed journals hosted by Springer, Taylor & Francis, Elsevier, etc. and publish and edit books of international interests. They are also engaged in reviewing R&D funded projects funded by the SERB, Govt. of India and reviewing research papers hosted by the above mentioned journals. The faculties are also engaged in different outreach programmes.

4. The departmental faculty representatives for the placement related matters are very sincere about their job. However, the student’s employment needs to be increased. More interactions with the industry are required. Alumni meet may also help to increase the employment.

5. Computer facilities of the CAD lab and the Geoinformatics Cell need to be improved.

6. The department has organized one national National Seminar on “Recent Development in Design of Steel Structures (RDDSS-2017)” during 19th -20th April 2017. However more workshops, seminars and conferences need to be organized where students can actively participate. This will help to improve the student-teacher interactions and to make students’ knowledge base contemporary.

7. The departmental libraries contain good reference books for both teachers and students. However, it should contain the civil engineering codes.
8. Mentoring system, counselling need to be improved.

9. Institutional and departmental vision and missions need to be displayed clearly to the students.

10. The department is successfully supporting the student chapter entitled 'Civilera' under the Institute of Engineers. Students have organized attractive events under this banner.

11. The department is also supporting the students in different games and sports activities.

12. Flexibility in the course structure and change credit system may be introduced. New effective courses and post-graduate courses may be introduced.

13. The support staffs are generally very happy with the departmental and institutional administration. The department also maintains cleanliness, hygiene, fire safety measures.
Academic Audit (2018-19)

The Audit team began their visit on 18th July 2018 and spent an entire day in the department for brief interactions with the faculty and technical staff of the department. They interacted with the students and visit to the laboratories and library. Based on the information/data gathered from the available documents and the interactions afforded with the different components of the department, the Audit Committee has made a sincere endeavour to put forward certain views, observations and recommendations in the body of this report with expectations and recommendations, when implemented, will best serve the interest of the department as well as the institute.

Observations:

1. The course offered by the department is much sought after by the students as is evidenced by the number of students admitted for the programme. The double strength of the students supports the students’ preference for this programme in this department. Together with a well-established brand name and an ambient and apolitical academic environment, the Department of Civil Engineering of Haldia Institute of Technology is considered a good choice for students interested in the discipline.

2. The department has developed some potential areas of teaching, research, and consultancy in structural engineering, geo-technical engineering, environmental engineering, highway and transportation engineering and geoinformatics/geomatics engineering. The department has successfully completed one R&D project (tenure 2016-18) entitled “Synergic Use of Multi-Sensor Optical and SAR Remote Sensing for Monitoring Inventory-Based Multi-Scale REDD+ MRV for Indian Forests” (duration 2016-18) under the mentorship of Dr. Abhishek Santra, Associate Professor, Dept. of Civil Engineering funded by the Science and Engineering Research Board (SERB), Govt. of India (Sanctioned Amount Rs. 17.54 Lakhs) in the areas of geoinformatics. The department is running one existing R&D project entitled “Modeling Runoff Variability and Predicted Runoff Condition of a Semi-Gauged River Basin of Tropical India as a Response to Climate and
Transformed Landuse Landcover (LULC)” (duration 2017-20) under the mentorship of Dr. Shreyashi S. Mitra, Assistant Professor and Dr. Abhisek Santra, Associate Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 37.14 Lakhs) in the areas of geoinformatics. Also the department received one new R&D project entitled “Modelling Urban Sprawl Dynamics of Howrah-Kolkata Urban Agglomeration by Semi-Automated Impervious Feature Extraction Techniques using Multi-Sensor Remotely Sensed Data” (duration 2018-21) under the mentorship of Dr. Abhisek Santra, Associate Professor and Dr. Shreyashi S. Mitra, Assistant Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 24.21 Lakhs) in the areas of geoinformatics. The department also runs consultancy works with reputed organizations like the Indian Oil Corporation Limited.

3. The faculties of the department are publishing regularly the research output in reputed peer-reviewed journals hosted by Springer, Taylor & Francis, Elsevier, etc. and publish and edit books of international interests. They are also engaged in reviewing R&D funded projects funded by the SERB, Govt. of India and reviewing research papers hosted by the above mentioned journals. The faculties are also engaged in different outreach programmes.

4. The departmental faculty representatives for the placement related matters are very sincere about their job. However, the student’s employment needs to be increased. More interactions with the industry are required. As per suggestions the institute arranges alumni meet to help increase the employment.

5. Computer facilities of the CAD lab and the Geoinformatics Cell need to be improved.

6. The department has organized a National Conference on “Advancement in Civil Engineering Practice and Research (ACEPR)” during 5th -6th April, 2018. Students participated and presented their innovative models, posters, research papers. The department also initiated prizes for the best three students / group of students for models and posters sections separately. This encouraged students a lot.
7. The departmental libraries contain good reference books for both teachers and students. However, it should contain the civil engineering codes.

8. Teachers / mentors are now trying to involve in the proper mentoring system and counselling. However, it still requires improvement.

9. Institutional and departmental vision and missions are now visible in departmental corridors, and in front of the office of the HoD.

10. The department is successfully supporting the student chapter entitled 'Civilera' under the Institute of Engineers. Students have organized attractive events under this banner.

11. The department is also supporting the students in different games and sports activities.

12. Flexibility in the course structure and change credit system may be introduced. New effective courses and post-graduate courses may be introduced. Still teachers are teaching beyond syllabus to some extent following the present need of the industry and higher studies.

13. The support staffs are generally very happy with the departmental and institutional administration. The department also maintains cleanliness, hygiene, fire safety measures.
Academic Audit (2019-20)

Considering the pandemic situation of Covid-19, the Audit team began their visit on 17th August 2020 and spent an entire day in the department for brief interactions with the faculty and technical staff of the department. They interacted with the students and visit to the laboratories and library. Based on the information/data gathered from the available documents and the interactions afforded with the different components of the department, the Audit Committee has made a sincere endeavour to put forward certain views, observations and recommendations in the body of this report with expectations and recommendations, when implemented, will best serve the interest of the department as well as the institute.

Observations:

1. The course offered by the department under the autonomy is much sought after by the students as is evidenced by the number of students admitted for the programme. The double strength of the students supports the students’ preference for this programme in this department. Together with a well-established brand name and an ambient and apolitical academic environment, the Department of Civil Engineering of Haldia Institute of Technology is considered a good choice for students interested in the discipline.

2. The department has developed some potential areas of teaching, research, and consultancy in structural engineering, geo-technical engineering, environmental engineering, highway and transportation engineering and geoinformatics/geomatics engineering. The department is running two existing R&D project entitled “Modeling Runoff Variability and Predicted Runoff Condition of a Semi-Gauged River Basin of Tropical India as a Response to Climate and Transformed Landuse/Landcover (LULC)” (duration 2017-20) under the mentorship of Dr. Shreyashi S. Mitra, Assistant Professor and Dr. Abhishek Santra, Associate Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 37.14 Lakhs) and “Modelling Urban Sprawl Dynamics of Howrah-Kolkata Urban Agglomeration by Semi-Automated Impervious Feature Extraction Techniques...
using Multi-Sensor Remotely Sensed Data” (duration 2018-21) under the mentorship of Dr. Abhisek Santra, Associate Professor and Dr. Shreyashi S. Mitra, Assistant Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 24.21 Lakhs) in the areas of geoinformatics. The department also runs consultancy works with reputed organizations like the Indian Oil Corporation Limited.

3. The faculties of the department are publishing regularly the research output in reputed peer-reviewed journals hosted by Springer, Taylor & Francis, Elsevier, etc. and publish and edit books of international interests. They are also engaged in reviewing R&D funded projects funded by the SERB, Govt. of India and reviewing research papers hosted by the above mentioned journals. The faculties are also engaged in different outreach programmes.

4. Dr. Abhisek Santra, Associate Professor has been selected by the affiliating university Maulana Abul Kalam Azad University of Technology (MAKAUT) as a Board of Studies Member of the University to prepare the course curriculum and syllabus for the University.

5. The departmental faculty representatives for the placement related matters are very sincere about their job. However, the student’s employment needs to be increased. More interactions with the industry are required. As per suggestions the institute arranges alumni meet to help increase the employment.

6. The department with the help of the institute developed CAD lab with good computing facilities. The surveying and geomatics lab has improved from previous status. New instruments were purchased to support the new syllabus.

7. Considering the pandemic situation, the department is suggested to organize webinars to enlighten the students with knowledge and contemporary practice in the industries related to civil engineering.

8. The departmental libraries contain good reference books for both teachers and students. However, it should contain the civil engineering codes.
9. Teachers / mentors are now trying to involve in the proper mentoring system and counselling in the pandemic situation of Covid-19. They remain in constant touch with the students under their mentorship.

10. The department is successfully supporting the student chapter entitled 'Civilera' under the Institute of Engineers. Students have organized attractive events under this banner.

11. The department is also supporting the students in different games and sports activities.

12. Since the Institute received autonomous status, the department is suggested to modify the syllabus and course structure in accordance with the AICTE and affiliating university guidelines. New effective courses and post-graduate courses may be introduced. Still teachers are teaching beyond syllabus to some extent following the present need of the industry and higher studies. The department is also suggested to form the Board of Studies to design the course curriculum and syllabus.

13. The support staffs are generally very happy with the departmental and institutional administration. The department also maintains cleanliness, hygiene, fire safety measures.
Academic Audit (2020-21)

Under the pandemic situation of Covid-19, the Audit team began their visit on 7th July 2021 and spent an entire day in the department for brief interactions with the faculty and technical staff of the department. They interacted with the students and visit to the laboratories and library. Based on the information / data gathered from the available documents and the interactions afforded with the different components of the department, the Audit Committee has made a sincere endeavour to put forward certain views, observations and recommendations in the body of this report with expectations and recommendations, when implemented, will best serve the interest of the department as well as the institute.

Observations:

1. The course offered by the department under the autonomy is much sought after by the students as is evidenced by the number of students admitted for the programme. The double strength of the students supports the students’ preference for this programme in this department. Together with a well-established brand name and an ambient and apolitical academic environment, the Department of Civil Engineering of Haldia Institute of Technology is considered a good choice for students interested in the discipline.

2. The department has developed some potential areas of teaching, research, and consultancy in structural engineering, geo-technical engineering, environmental engineering, highway and transportation engineering and geoinformatics / geomatics engineering. The department has successfully completed one R&D project entitled “Modeling Runoff Variability and Predicted Runoff Condition of a Semi-Gauged River Basin of Tropical India as a Response to Climate and Transformed LanduseLandcover (LULC)” (duration 2017-20) under the mentorship of Dr.Shreyashi S. Mitra, Assistant Professor and Dr.AbhisekSantra, Associate Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 37.14 Lakhs) and running one R&D project entitled “Modelling Urban Sprawl Dynamics of Howrah-Kolkata Urban Agglomeration by Semi-Automated Impervious Feature
Extraction Techniques using Multi-Sensor Remotely Sensed Data” (duration 2018-21) under the mentorship of Dr. Abhisek Santra, Associate Professor and Dr. Shreyashi S. Mitra, Assistant Professor funded by SERB, Govt. of India (Sanctioned Amount Rs. 24.21 Lakhs) in the areas of geoinformatics. The department also runs consultancy works with reputed organizations like the Indian Oil Corporation Limited, the Dredging Corporation of India, etc.

3. The faculties of the department are publishing regularly the research output in reputed peer-reviewed journals hosted by Springer, Taylor & Francis, Elsevier, etc. and publish and edit books of international interests. They are also engaged in reviewing R&D funded projects funded by the SERB, Govt. of India and reviewing research papers hosted by the above mentioned journals. The faculties are also engaged in different outreach programmes.

4. Dr. Abhisek Santra, Associate Professor is successfully serving as a Board of Studies Member of the affiliating university MAKAUT to prepare the course curriculum and syllabus for the University.

5. The departmental faculty representatives for the placement related matters are very sincere about their job. However, the student’s employment needs to be increased. More interactions with the industry are required. As per suggestions the institute arranges alumni meet to help increase the employment.

6. The computer facilities of the Geoinformatics Cell has improved from the previous status.

7. The department has organized successfully a webinar on “Sustainable Approaches in Civil Engineering Infrastructure (SACEI-2021)” on 28th January 2021 to increase the knowledge base of the students and the faculty members of the department.

8. The departmental libraries contain good reference books for both teachers and students. It also has some printed civil engineering codes.
9. Teachers / mentors are now trying to involve in the proper mentoring system and counselling in the pandemic situation of Covid-19. They remain in constant touch with the students under their mentorship.

10. The department prepared the course curriculum and syllabus for the B.Tech in Civil Engineering under the autonomy. It is available on the Institutional Website. The department is also suggested to prepare new attractive courses and post graduate courses.

11. The department is successfully supporting the student chapter entitled ‘Civilera’ under the Institute of Engineers. However, the events are getting affected by the pandemic situation of Covid-19.

12. The department is also supporting the students in different games and sports activities. However it is getting affected by the pandemic situation of Covid-19.

13. The support staffs are generally very happy with the departmental and institutional administration. The department also maintains cleanliness, hygiene, fire safety measures.