

Punjab Engineering College (Deemed to be University)

SELF ASSESSMENT REPORT FOR Transportation Engineering

Part A : Institutional Information

1 Name and Address of the Institution

Punjab Engineering College (Deemed to be University),
PEC UNIVERSITY OF TECHNOLOGY

2 Name and Address of the Affiliating University, if applicable:

3 Year of establishment of the Institution

1921

4 Type of the Institution

☐ Institute of National Importance	☐ Affiliated
☐ University	☐ Autonomous
☒ Deemed University	☐ Any Other(Please Specify)

5 Ownership Status:

☐ Central Government	☐ Trust
☐ State Government	☐ Society
☒ Government Aided	☐ Section 25 Company
☐ Self financing	☐ Any Other(Please Specify)

6 Details of all the programs offered by the institution:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
Transportation Engineering	PG	1957	1957	15	Yes	18	Granted accreditation for 3 years for the period (specify period)	2020	2023	Yes	2
Sanctioned Intake for Last Five Years for the Transportation Engineering											
Academic Year						Sanctioned Intake					
2024-25						18					
2023-24						18					
2022-23						18					
2021-22						18					
2020-21						18					
2019-20						18					
Structural Engineering	PG	1964	1964	18	No	18	Granted accreditation for 3 years for the period (specify period)	2020	2023	No	2
Environmental Engineering	PG	1989	1989	18	Yes	6	Granted accreditation for 3 years for the period (specify period)	2020	2023	No	2
Sanctioned Intake for Last Five Years for the Environmental Engineering											
Academic Year						Sanctioned Intake					
2024-25						6					
2023-24						6					
2022-23						18					
2021-22						18					
2020-21						18					
2019-20						18					
Civil Engineering	UG	1921	1921	40	Yes	120	Granted accreditation for 3 years for the period (specify period)	2022	2025	No	4
Water Resource Engineering	PG	1964	1964	9	Yes	0	Granted accreditation for 3 years for the period (specify period)	2020	2023	No	2

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
Sanctioned Intake for Last Five Years for the Water Resource Engineering											
Academic Year						Sanctioned Intake					
2024-25						0					
2023-24						0					
2022-23						18					
2021-22						18					
2020-21						18					
2019-20						18					

7 Programs to be considered for Accreditation vide this application

S No	Level	Discipline	Program	Current Year Sanctioned Intake	Current Year Admission (in Nos.)
1	Post Graduate	Engineering & Technology	Transportation Engineering	18	8

8 Vision of the Institution:

To become centre of excellence in technical education and research and to occupy a place amongst the most eminent institutions of the nation.

9 Mission of the Institution:

To build across the institute a culture of excellence in teaching and learning with needed performance and accountability from all support activities.
To enhance the institute standing as the institute of choice for students across the country; and to augment the presence of international students to at least ten percent of student body.
To cultivate a field in which new ideas, research and scholarship flourish leading to emergence of creators, innovators, leaders, and entrepreneurs.
To design the education through a continuous process so that the students qualifying from the institute have the top rating in placement.
To achieve excellence in application-oriented research in selected areas of technology to contribute to the development of the region and the nation.
To promote co- and extra-curricular activities for over-all personality development of the students.
To develop responsible citizenship through awareness and acceptance of ethical values.
To build a family of alumni and friends to create a network of allegiance and support for the institute.

10 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr. Rajesh K. Bhatia
Designation	Director (Ad-Interim)
Mobile No.	9463369282
Email ID	director@pec.edu.in

☒ **NBA Coordinator, If Designated**

Name	Dr. S.K Mangal
Designation	Dean Academic Affairs
Mobile No.	9876613657
Email ID	deanaa@pec.edu.in

Note: To save SAR as PDF Please click on print button and select destination as 'Save as PDF'. PLEASE SELECT LANDSCAPE MODE. 

Part B : Departmental Information

1 State the Vision and Mission of the Department

Vision

To become a Centre of Excellence in Civil Engineering Education, Research and Consultancy.

Mission

DM 1. To produce leaders in the field of Civil Engineering along with its subgroups at graduate, post-graduate and doctoral level, so as to be able to serve the society competently, collaboratively and ethically as Planners, designers, constructors and operators of the built environment.

DM 2. To excel in Consultancy and R&D in Civil Engineering.

DM 3. To generate new knowledge by engaging in cutting edge research and to promote academic growth by offering state of the art undergraduate, post graduate and doctoral programs.

DM 4. To identify, based on an informed perception of Indian, regional and global needs, area of specialization upon which the institute can concentrate.

DM 5. To undertake collaborative projects which offer opportunities for long-term interaction with academic and industry.

DM 6. To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

2 Justification of consistency of the Department Vision and Mission with the Institute Vision and Mission

IM 1. To produce leaders in the field of Civil Engineering along with its subgroups at graduate, post-graduate and doctoral level, so as to be able to serve the society competently, collaboratively and ethically as Planners, designers, constructors and operators of the built environment.

IM 2. To excel in Consultancy and R&D in Civil Engineering.

IM 3. To generate new knowledge by engaging in cutting edge research and to promote academic growth by offering state of the art undergraduate, post graduate and doctoral programs.

IM 4. To identify, based on an informed perception of Indian, regional and global needs, area of specialization upon which the institute can concentrate.

IM 5. To undertake collaborative projects which offer opportunities for long-term interaction with academic and industry.

IM 6. To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Vision and Mission of the Institute are as follows:

Vision:

To become a centre of excellence in technical education and research, and to occupy a place amongst the most eminent institutions of the nation.

Mission:

IM1. To build across the College a culture of excellence in teaching and learning with needed performance and accountability from all support activities.

IM2. To enhance the College standing as the college of choice for students across the country; and to augment the presence of international students to at least ten percent of student body.

IM3. To cultivate a field in which new ideas, research and scholarship flourish leading to emergence of creators, innovators, leaders, and entrepreneurs.

IM4. To design the education through a continuous process so that the students qualifying from the College have the top rating in placement.

IM5. To achieve excellence in application oriented research in selected areas of technology to contribute to the development of the region and the nation.

IM6. To promote co and extracurricular activities for overall personality development of the students.

IM7. To develop responsible citizenship through awareness and acceptance of ethical values.

IM8. To build a family of alumni and friends to create a network of allegiance and support for the College.

Vision and Mission of the Department are as follows:

Vision:

To become a centre of excellence in Civil Engineering Education, Research and consultancy.

Mission:

DM1 To produce leaders in the field Civil Engineering along with its subgroups at graduate, post0graduate, so as to be able to serve the society competently, collaboratively and ethically as Planners, designers, constructors and operators of the built environment.

DM2 To excel in Consultancy and R & D in Civil Engineering.

DM3 To generate new knowledge by engaging in cutting edge research and to promote academic growth by offering state of art undergraduate, post graduate and doctoral programs.

DM4 To identify, based on an informed perception of Indian, regional and global needs, area of specialization upon which the institute can concentrate.

DM5 To undertake collaborative projects which offer opportunities for long term interaction with academic and industry.

DM6 To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Establish consistency of Vision and Mission of the Institute and Department

Vision and Mission of Institute	DV	DM1	DM2	DM3	DM4	DM5	DM6
IV To become a centre of excellence in technical education and research, and to occupy a place amongst the most eminent institutions of the nation.	3	-	-	-	-	-	-
IM1. To build across the College a culture of excellence in teaching and learning with needed performance and accountability from all support activities.	-	3	3	3	3	2	2

IM2. To enhance the College standing as the- college of choice for students across the country; and to augment the presence of international students to at least ten percent of student body.	-	2	2	3	3	2	2
IM3. To cultivate a field in which new ideas, - research and scholarship flourish leading to emergence of creators, innovators, leaders, and entrepreneurs	-	2	2	3	3	2	2
IM4. To design the education through a continuous process so that the students qualifying from the College have the top rating in placement.	-	2	2	3	3	2	2

IM5. To achieve excellence in application oriented research in selected areas of technology to contribute to the development of the region and the nation.	-	3	3	3	3	2	3
IM6. To promote co and extracurricular activities for overall personality development of the students.	-	3	3	3	3	3	3
IM7. To develop responsible citizenship through awareness and acceptance of ethical values.	-	3	3	3	3	3	3
IM8. To build a family of alumni and friends to create a network of allegiance and support for the College.	-	3	3	3	3	3	3

--

3 Details of all UG & PG Programs offered by the department

S.No	PG Program Name	Corresponding UG Program/Department Name	Current Year Sanctioned Intake	Current year Admission (in Nos.)
1	Transportation Engineering	Civil Engineering	18	8
2	Structural Engineering	Civil Engineering	18	13
3	Environmental Engineering	Civil Engineering	6	4

4 State the Program Educational Objectives (PEOs) for the PG program(s) under consideration for accreditation

PEO No.	Program Educational Objectives Statements
PEO1	To have a thorough knowledge of planning, design, construction, maintenance, up gradation, and operation of the highways/Transportation Infrastructure
PEO2	To develop innovative capability among students using modern equipment's and latest software so as to inculcate in them the ability to participate in creative and integrative activities in their relevant branch.
PEO3	To create research aptitude among the students in the field of transportation engineering and its interdisciplinary areas.

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	PROGRAM CURRICULUM AND TEACHING –LEARNING PROCESSES	125	125.00
2	PROGRAM OUTCOME	75	75.00
3	STUDENTS' PERFORMANCE	75	45.80
4	FACULTY CONTRIBUTIONS	75	65.00
5	LABORATORIES AND RESEARCH FACILITIES	75	75.00
6	CONTINUOUS IMPROVEMENT	75	75.00
	Total	1000	461

1 PROGRAM CURRICULUM AND TEACHING –LEARNING PROCESSES (125)

Total Marks 125.00

1.1 Program Curriculum (35)

Total Marks 35.00

1.1.1 State the process for designing the program curriculum (10)

Institute Marks

10.00

The curriculum is systematically structured and aligned with the Program Outcomes (POs) to guarantee that all courses efficiently contribute to the attainment of these outcomes. This approach entails determining the essential skills, knowledge, and abilities anticipated from students at program completion and connecting them with the learning objectives of each course.

Gap analysis is conducted regularly by the course instructor at the end of every semester to find inconsistencies between the expected Program Outcomes (POs) and the actual learning experiences provided by the curriculum. Gap analysis is conducted by evaluating students performance via assignments, quizzes, presentations, projects, mid-term, and final assessments. This will assist in determining whether the necessary POs are being fulfilled. Furthermore, regular feedback from students, faculty, and alumni is gathered to evaluate the effectiveness of the prescribed curriculum in addressing real-world problems and emerging challenges in their respective fields.

Gap includes the following components for the next revision

- Computation of course wise difference in target level and achieved level of POs and COs for consideration of the curriculum by the revision committee
- Gap between actual placement and desired placement/ entrepreneurship/higher studies
- Course wise feedback from students at the end of each semester
- Evolving strategies for increasing research publications

The curriculum will be modified to address detected gaps based on the gap analysis results. This may entail:

- Incorporating new courses
- Updating the curriculum of current courses

The recent program curriculum which is in practice has been updated and implemented with effect from the academic year 2022-2023 prior to the program curriculum framed during the academic year 2018-2019 was followed.

Program Outcomes (POs) for the MTech in Transportation Engineering are as follows:

- PO1: Demonstrate skill for planning, design, construction and maintenance of transportation projects.
- PO2: Assessment of environmental and its allied issues to the construction of transportation projects
- PO3: Demonstrate skills to use modern engineering tools, software and equipment's to analyze problems and evolve solutions
- PO4: To enhance communication skills and successfully apply research aptitude among students to R &D activities and consultancy works.

Program Educational Objectives (PEOs) of MTech in Transportation Engineering are as follows:

- PEO1: To have a thorough knowledge of planning, design, construction, maintenance, upgradation, and operation of the highways/Transportation Infrastructure
- PEO2: To develop innovative capability among students using modern equipments and latest software so as to inculcate in them the ability to participate in creative and integrative activities in their relevant branch.
- PEO3: To create research aptitude among the students in the field of transportation engineering and its interdisciplinary areas.

1.1.2 Structure of the Curriculum (5)

Institute Marks

5.00

ID	Course Code	Course Title	Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	Theory Credits	Practical Credits	Total Credits
1	EM1001	Engineering Mathematics(EMR  	3	0	0	3	3	0	3
2	TR1101	Advanced Traffic Engineering  	2	0	2	4	2	1	3
3	TR1102	Highway Construction  	2	0	2	4	2	1	3
4	TR1103	Bridge Engineering  	3	0	0	3	3	0	3
5	TR1201	Airport Planning & Design  	3	0	0	3	3	0	3
6	SM1001	Soft-Computing/Soft  	3	0	0	3	3	0	3
7	TR1104	Transportation System Planning  	3	0	0	3	3	0	3
8	TR1105	Pavement Analysis & Design  	3	0	0	3	3	0	3
9	TR1106	Intelligent Transportation  	2	0	2	4	2	1	3
10	TR1253	Road Safety Engineering and  	3	0	0	3	3	0	3
11	TR3001	Road Safety & Management(TRR  	3	0	0	3	3	0	3
12	TR1001	Design of Experiments &  	2	0	2	4	2	1	3
13	TR5001	Seminar and Report  	0	0	4	4	0	2	2
14	TR6001	Research Publication  	2	0	0	2	2	0	2
15	TR7001	Dissertation – I(TRR7001)  	0	7	14	21	7	7	14
16	TR8001	Dissertation – II(TRR8001)  	0	9	18	27	9	9	18

		Total	34	16	44	94	50	22	72
--	--	--------------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

1.1.3 State the components of the curriculum (10)

Institute Marks

10.00

Course Components	Curriculum Content (% of total number of credits of the program)	Total number of contact hours	Total number of credits
Program Core	25	20.00	18
Program Electives	8.33	6.00	6
Open Electives	4.17	3.00	3
Mini Project(s)	19.44	21.00	14
Internships/Seminars	2.78	4.00	2
Major Project(s)	25	27.00	18
Any other (Please specify)	15.28	13.00	11
Total number of Credits			72

1.1.4 Overall quality and level of program curriculum (10)

Institute Marks

10.00

- The curriculum for the MTech degree in transportation engineering has been developed to align with program POs and PEOs for each course.
- To ensure its relevance to current industry practices and worldwide trends in transportation engineering, the curriculum is periodically evaluated and changed based on schedule as fixed by the institute.
- Number of electives and open electives are also floated to be chosen by the students from other branches also apart from transportation engineering.
- To endeavor that graduates are well-rounded professionals able to lead creative projects and make wise judgments, the curriculum places a strong emphasis on the development of soft skills, ethics, entrepreneurship, and sustainability in addition to the technical courses.
- Incorporating interdisciplinary techniques equips students to address difficult issues like pollution, urban mobility, and climate change, while ongoing evaluation and feedback processes guarantee that the curriculum stays current.
- The students are oriented to be able to participate and contribute to the development of transportation infrastructure in the country.
- For each course, a handout is given to students prior to the commencement of the course. This handout provides information on course curriculum, number of lectures for each unit, evaluation scheme, list of reference books and other reference links of relevant MOOC, NPTEL courses etc..
- The evaluation scheme consists of weightage allotted to each component for award of grades. It has to be done in accordance with the institute guidelines.
- To ensure transparency in the evaluation, the students are shown the marked answer sheets and their queries regarding the same are addressed in written form.
- The pretotals i.e. the marks secured by the student in all components except the End term examination are displayed before the commencement of the end term examination.
- It is ensured that the end term question paper for each course covers the entire syllabus.
- Mapping of each question in the examination/assignment/Quiz is done with POs.
- Mapping of each question in the examination/assignment/Quiz is done with Bloom's taxonomy.
- At the end Course attainment level is obtained by direct and indirect methods both.
- Attainment of POs is calculated for each course.

1.2 Teaching-Learning Processes (90)

Total Marks 90.00

1.2.1 Quality of end semester examination, internal semester question papers, assignments and evaluation (20)

Institute Marks

20.00

The quality of end-semester examinations, internal semester question papers, assignments, and evaluations in the MTech Transportation Engineering program is designed to comprehensively assess students' mastery of the subject matter and their ability to apply learned concepts in real-world scenarios. The evaluation process is aligned with Bloom's Taxonomy, ensuring that students are evaluated across various cognitive levels, from basic recall to higher order thinking such as application, analysis, synthesis, and evaluation.

End-semester examinations and mid-semester and continuous assessments are carefully constructed to gauge students understanding of core principles and their problem-solving abilities. The exam questions are framed to test fundamental knowledge and comprehension, application of concepts to practical situations, and the ability to analyze and synthesize information. Students are required to demonstrate their ability to critically evaluate transportation engineering challenges, offering reasoned justifications for their solutions. Assignments are designed to promote independent research and critical thinking, encouraging students to apply learned concepts and engage with current literature and methodologies. The grading system is transparent and based on clear rubrics, ensuring that students are assessed fairly and consistently. The students are evaluated based on the absolute grading system. The continuous feedback process helps students identify areas for improvement and refine their analytical and technical skills, ensuring that they are prepared for professional practice and research in the field of transportation engineering.

The overall evaluation approach emphasizes both theoretical understanding and practical application, ensuring that students develop a comprehensive skill set necessary for addressing real-world transportation issues. Regular reviews of the assessment process, informed by student and faculty feedback, contribute to its ongoing improvement and alignment with program learning outcomes.

1.2.2 Quality of student projects (30)

Institute Marks

30.00

The students projects are chosen in accordance with departmental program outcomes. Students receive a concise overview of several areas of transportation engineering to assist in picking research ideas (referencing journals, Ph.D. works, and the future scope of existing projects). The faculties promote students to undertake research projects and collaborative projects with industry, offering support with all requisite resources. The faculties promote student to disseminate their project work in esteemed journals and conferences. The detailed guidelines for dissertation writing are shared with the students in advance by Dean Academic Affairs, to ensure the uniformity in the institute. Before submission of final thesis, plagiarism check is mandatory. Librarian gives a certificate for the same before the submission of dissertation. The quality of projects/thesis is measured from the outcome in terms of journal/conference publications. A/A+ grade is given only to the projects/dissertation with a publication in peer reviewed journals/SCI/Scopus/Web of Science indexed journals or if the work is presented in two renowned conferences.

The quality of the student projects in the MTech Transportation Engineering program is evaluated based on several key factors that demonstrate rigorous academic and research standards:

Clear and Concise Objectives: All the projects have very clear and well-defined objectives, focusing on current issues in transportation engineering. Whether addressing urban traffic congestion, pavement material innovation, or the impact of environmental factors on road safety, each project presents a focused goal aimed at improving various aspects of transportation infrastructure.

Well-Defined Methodology: The methodology adopted for the projects is articulated with precision, using appropriate technical terms and tools. Each project involves a systematic process of data collection, analysis, and experimentation, ensuring the methodologies are well-suited for the research objectives.

Citing Substantial Current Literature: The projects are rooted in extensive literature reviews, citing recent research and industry standards. This ensures that the work is built upon a strong foundation of existing knowledge.

Experimental Design and Clarity: The experimental setup and design for most projects are clearly structured, ensuring reproducibility and reliability. Data analysis is often supported by statistical and graphical tools to ensure clarity in results interpretation.

Use of Benchmarks and Assumptions: Several projects establish benchmarks based on industry standards for traffic flow, material properties, and pavement design. Assumptions made in the methodology are explicitly stated, helping in understanding the scope and limitations of the research.

Interpretation of Results: Results are interpreted with a critical eye, providing clear justification for findings. Whether analyzing the durability of materials or the impact of road safety interventions, the interpretation of results is based on sound reasoning and supported by relevant data. The validity of the results is cross-checked against benchmarks and real-world scenarios, ensuring reliability.

Report Presentation: The overall presentation of the reports is of a high standard, with a logical structure and clarity in presenting findings. The reports include detailed sections on objectives, methodology, literature review, results, and conclusions. Visual aids such as graphs, tables, and diagrams are used effectively to support the text, enhancing the clarity of complex information. Additionally, the use of proper citations and referencing ensures that the projects align with academic standards.

The details of some of the projects are as follows:

**Table: 1.2.2.1: Details of major project (Dissertation) for students
admitted during academic year 2023-2024(Ongoing)**

Year	Name of the student	Name of the Supervisor/Joint Supervisor	Title of the project
2025	Kajal Mishra	Dr. S.K. Singh, Supervisor Dr. Pardeep Gupta, Co-supervisor	A study on jute reinforcement in the Subgrade soil for pavement
2025	Vishal Sharma	Dr. Umesh Sharma	Performance evaluation of bituminous pavements by the use of waste engine oil in bitumen.
2025	Shubham Sharma	Prof. Sovina Sood	Analysis of the stabilization effect of fine soil and lime on improving the Subgrade stability and pavement durability

2025	Sharandeep Singh	Dr. Umesh Sharma	Evaluating the effectiveness of road safety measures in reducing crash fatalities and injuries in tricity.
202	Vedik Saauhta	Prof. Sovina Sood	Analysis of traffic flow at uncontrolled intersections in urban areas.
2025	Lakshay Thakur	Dr. B. Adinarayana	Development and integration of Electric Vehicles (EVs)
2025	Nitin Dalal	Dr. R.R. Singh, Supervisor	Strength studies of cement and lime mixed fly ash
2025	Samridhi Sharma	Dr. B. Adinarayana	Development of sustainable transportation options in developing countries.

Table: 1.2.2.2: Details of major project (Dissertation) for students admitted during academic year 2022-2023

Year	Name of the student	Name of the Supervisor/joint Supervisor	Title of the project
2024	Ajay Singh	Prof. S.K Singh	Study on Roller Compacted Concrete in Construction of Highways
2024	Rajat Gautam	Prof. S.K Singh	Use of Geogrids in Flexible Pavements
2024	Ishmeet Pawar	Prof. S.K Singh	Use of Coir Geotextile in road construction
2024	Riya Dhiman	Dr. Umesh Sharma	Road Safety in School Proximal Zones
2024	Suraj Kumar Chhabra	Dr. Umesh Sharma	Monitoring and Evaluation of Identified Black Spots in Punjab
2024	Mukesh Kumar	Dr. Umesh Sharma	Investigation of Combined Effect of Basalt and Bamboo Fibres as Additive in Rigid Pavement
2024	Simranjeet Singh	Dr. Umesh Sharma	Analysing Animal-Vehicle Collisions (AVCs) Within the Road Network of Punjab, India: A Statistical and Spatial Approach
2024	Naman Jain	Dr. P.K. Gupta	Evaluation of an urban intersection using traffic simulation
2024	Ankit Kumar	Dr. P.K. Gupta	Computation of signal timings under temporal variation of traffic at an intersection
2024	Prithvi YS Taneja	Dr. P.K. Gupta	Comparative study of granular v/s stabilized subbase materials
2024	Arpit Sharma	Dr. P.K. Gupta	Investigations on field performance of bituminous mixes with modified binders

2024	Prashant Chambyal	Dr. P.K. Gupta	Use of waste polyethylene in bituminous concrete mixes
2024	Cheris Negi	Prof. Sovina Sood	Study on Pedestrian Flow Characteristics in a medium size city
2024	Abhishek Kanojia	Prof. Sovina Sood	Capacity analysis of urban streets under mixed traffic conditions
2024	Balraj Singh Baidwan	Prof. Sovina Sood	Side Friction Parameters and their influence on the capacity of divided/undivided road

Table: 1.2.2.3: Details of major project (Dissertation) for students admitted during academic year 2021-2022

Year	Name of the student	Name of the Supervisor/joint Supervisor	Title of the project
2023	Nitin Kumar	Dr. Umesh Sharma	Capacity Enhancement of Roundabout in an urban area-A case study
2023	Ayushi Randhawa	Dr. Umesh Sharma	Use of Construction and Demolition waste in bituminous mixes
2023	Nikita Verma	Dr. Umesh Sharma	Identification of black spots and remedial measures in an urban area
2023	Soham Maity	Dr. P.K. Gupta	Study of a potentially congested intersection and possible improvements.
2023	Jagpreet Singh	Dr. P.K. Gupta	Study of temporal variation of level of service of a road stretch and predictions for future
2023	Amarvir Singh	Dr. P.K. Gupta	Study of mass transit system in Chandigarh
2023	Narendra Sharma	Dr. P.K. Gupta	To develop a methodology to estimate the surface area of the aggregates in Bituminous mix
2023	Aman Arora	Prof. Sovina Sood	Impact of moisture intrusion on durability on lime stabilised subgrade
2023	Akhil Sharma	Prof. Sovina Sood	Influence of mixed traffic flow on the capacity of Roundabouts
2023	Lakshay Kumar Sharma	Prof. Sovina Sood	Effect of street parking in urban context
2023	Arjuman Rafiq Reshi	Dr. H A S Sandhu	Remote Sensing Based Sustainability Analysis of Urban Environment of Chandigarh Tri-City Region, India

Table: 1.2.2.4: Details of major project (Dissertation) for students admitted during academic year 2020-2021

Year	Name of the student	Name of the Supervisor/joint Supervisor	Title of the project
2022	Kartick Kumar	Prof. Sovina Sood	Optimum design of parking lot with multiple vehicle types parking fees and service classes
2022	Kajan Rawat	Prof. Sovina Sood	Improvement of Subgrade using fly ash jute fiber and coconut coir
2022	Pawan Chauhan	Dr. P.K. Gupta	Operational Analysis at Roundabouts in Chandigarh
2022	Tanuj Nangia	Dr. Umesh Sharma	A study on Travel Time and Congestion Analysis for Heterogeneous Traffic Conditions
2022	Kamalpreet Singh	Prof. Sovina Sood	Evaluation of efficacy of construction demolition waste materials as base layer in pavement
2022	Deepika Gupta	Dr. P.K. Gupta	Integration of Cycle Tracks and Pedestrian Paths at Roundabouts
2022	Prashant Tiwari	Dr. P.K. Gupta	Study of Urban Traffic Heterogeneity
2022	Akshit Sharma	Prof. Sovina Sood	Capacity and level of service of signalized round about
2022	Shikha Sharma	Dr. Umesh Sharma	Application of Geo-Textile to improve the CBR value of subgrade
2022	Mir Abid Muzaffar	Prof. Sovina Sood	Experimental investigation of the properties of bituminous concrete prepared from steel slag & waste rubber
2022	Ramanpreet Singh	Dr. P.K. Gupta	Study The Effect of Intersection Geometry on the Performance of Roundabout in Chandigarh
2022	Abhishek Bansal	Dr. Umesh Sharma	Analysis of Road Safety for Pedestrians and Cyclists
2022	Afifa Yasin	Dr. Umesh Sharma	Effect of E-waste Plastic as aggregate replacement on Dense Bitumen Macadam

1.2.3 Initiatives related to industry interaction including industry internship/summer training (10)

Institute Marks

10.00

Industrial tours are an integral part of the curriculum, offering students the chance to visit active transportation projects, highway construction sites, and transportation infrastructure developments. These tours provide valuable insights into the practical challenges faced by industry professionals, as well as the latest technologies, tools, and materials used in the field. By observing and interacting with engineers, designers, and project managers, students can apply theoretical concepts to real-world scenarios and gain a deeper understanding of the complexities of transportation engineering.

In addition to industrial tours, the program organizes an Industry-Academia Week, which serves as a platform for fostering collaboration between the academic and industrial sectors. During this week, industry experts, practitioners, and academics come together to share knowledge, discuss emerging trends, and address critical issues in transportation engineering. Students actively participate in workshops, seminars, and guest lectures, which provide them with valuable exposure to industry practices, current challenges, and innovative solutions. This initiative not only enhances students practical experience but also strengthens the relationship between the academic community and industry, ensuring that the program remains aligned with the evolving needs of the transportation sector. Some of the lectures conducted during the industry-academia week include:

Table: 1.2.3.1: Details of lectures during the industry-academia week

S No.	Name of Expert	Topics of the Lecture	Date & Time
1	Er. Anish Mishra, Senior Manager, Hilti, New Delhi	Recent advancements in Civil Engineering Materials and equipment's	06.03.2025 at 11 am
2	Col Soumendra Banerjee (Retd). Vice President, Terre Armee, Delhi.	Rehabilitation of bridges	05.03.2025 at 11 am
3	Sh. H.S. Sidhu, Team leader, L.N. Malviya Infra Projects Pvt. Ltd. Saha Ambala, (Hr)	Construction of National Highway Projects	04.03.2025 at 11 am
4	Er. S.K. Sharma, Chief Engineer (Retd.), IPH Deptt., (HP)	Issue, Challenges, Source Selection and sustainable solutions for improving water supply schemes in hilly areas.	14.03.2024 at 11:00 am
5	Sh. Narendra Sharma, Former Chief Engineer, BBMB	Modern Construction Technologies	12.03.2024 at 11.00 am
6	Sh. Vipnesh Sharma, Regional Officer, NHAI	Design & Development of Expressways	13.03.2024 at 12:00 noon
7	Sh. R.K. Dhiman, VSM, ADG, BR, Board Roads Organization	Bridge Construction in Hilly areas – A challenge	14.09.2023 at 11:30 am
8	Dr. Shishir Bansal, Additional Director General, CPWD, Hyderabad	Challenges in Construction of Signature Bridge at Delhi	11.09.2023 at 11:00 am
9	Sh. Ashok Kumar Grover, Executive Director, NHPC Chandigarh	Challenges in Hydropower Development	24.03.2023 at 11:30 am

10	Sh. Vipnesh Sharma, General Manager, NHAI, R.O., Chandigarh	Challenges in Expressway development	23.03.2023 at 11:30 am
11	Sh. Ved Parkash Dudeja, Vice Chairman, Rail Land Development Authority, New Delhi	Development of Metro in Mega Cities	21.03.2023 at 11:30 am

Initiative:

The department actively facilitates internship opportunities for students by collaborating with the Career Development and Guidance Cell (CDGC). The CDGC invites reputable companies to the campus for placement drives and internship opportunities, both at national and international levels. The Head of industrial training, along with the faculty members, plays an instrumental role in guiding and assisting students in securing internships with leading industries and research institutes. The students are also encouraged to explore alternate avenues of employment/higher studies other than through institute.

During the semester break, students are encouraged to participate in internship programs. Faculty members provide guidelines, recommendations, internship scope, and contact information. Along with offering recommendation letters and other essential support, they also assist the students by connecting them with industry professionals. Alumni who are currently employed in the fields are frequently contacted by the alumni coordinator, who asks them to supply the required instructions and assistance for their juniors internship.

Institute gives the opportunity to every student to get involved in various consultancy/research projects on-going in the department under various faculty. In this scheme, the students learn to deal with practical transportation engineering problems while working in collaboration with the industry under the guidance of the faculty experts. In this process, the students can also earn money in proportion to the hours spent.

1.2.4 Participation of Industry professionals in curriculum development, as examiners, in major projects (10)

Institute Marks

10.00

The MTech thesis evaluation process aims to ensure academic quality while encouraging collaboration with industry and research organizations. The criteria's are as follows:

- During the curriculum development experts from relevant industry are also invited to give their valuable inputs along with other academic experts and stakeholders both from within and outside the institute.
- The supervisor proposes a list of potential external examiners, typically from reputed institutes like IITs or NITs, which is then finalized by the department. The supervisor also explores the industry experts with minimum postgraduate qualification to involve in final evaluation of thesis. Once the committee is formed, students submit their dissertation in the required format. Submission must occur at least one month before the end of the term in which the student completes the necessary thesis credits, and the examination is scheduled no earlier than seven days after submission.
- Each student must have one or two supervisors, with at least one being a faculty member from the institute. A supervisor from an industry or research organization, with postgraduate qualifications, may also be included if recommended by the Head of the Department (HOD) and the Department Academic Program Committee (DAPC). However, in such cases, a co-supervisor from the department is required to ensure academic consistency.
- Department have a clear process for appointing supervisors, considering students' interests and faculty expertise. If a supervisor becomes unavailable due to leave, resignation, retirement, or other reasons, the department will recommend a replacement for approval by the DAPC. If there is any change or addition to the supervisory team, the submission of thesis must be delayed by at least three months to allow for a smooth transition.
- The Thesis Evaluation Committee (TEC) evaluates the dissertation. This committee includes five members: an external examiner, the thesis supervisor, an internal examiner from the department, one faculty from the department and head of department.
- After Thesis Examination Committee has been constituted, unbound copies of the thesis, one for each examiner of the Examination Committee, prepared according to the format prescribed in the pamphlet entitled Specification and Information Regarding Preparation of M.E. thesis. The thesis, at the earliest, can be submitted one month before the end of the term in which student is completing the minimum thesis credits. The Thesis Examination should be scheduled at least seven days after the submission of the thesis. Academic Office will arrange to send the copies of the thesis to the external examiners.

This streamlined process supports quality research and prepares students to address both academic and professional challenges.

1.2.5 Quality of laboratory work given (20)

Institute Marks

20.00

- The MTech Transportation Engineering program places appropriate emphasis on practical laboratory work, which is closely integrated with real-world applications.
- Students are equipped with the knowledge and tools necessary to perform a wide range of tasks, including the design and analysis of asphalt, granular, and stabilized layer mixes as per specific requirements.
- The laboratory work is designed to teach students how to characterize materials like bitumen, aggregates, and soil in accordance with road construction standards. They have an opportunity to gain experience in field tests such as measuring road surface roughness, estimating layer strength, and assessing traffic data for current and future conditions. They are also encouraged to identify prevailing transportation engineering problems during engagement of classes and pickup at least one of them for possible solution.
- The curriculum emphasizes the application of modern software tools, allowing students to design and do possible simulations for identified transportation infrastructure elements.
- Faculty members guide students through each experiment, ensuring they understand the theoretical principles behind the methods, interpret results accurately, and effectively communicate their findings. Regular assessments, including practical evaluations and presentations, ensure that students develop a better understanding of transportation engineering concepts and are prepared for the demands of the industry.
- This comprehensive approach to laboratory work ensures that students get an opportunity to graduate with strong technical and analytical skills that are directly applicable to the field.

2 PROGRAM OUTCOME (75)

Total Marks 75.00

2.1 Establish the connect between the courses and POs (15)

Total Marks 15.00

POs	Statement	Courses
PO1	An ability to independently carry out research /investigation and development work to solve practical problems	1. TRR1101 Advanced Traffic Engineering 2. TRR1103 Bridge Engineering 3. TRR1104 Transportation System Planning & Management 4. TRR1105 Research and Development
PO2	An ability to write and present a substantial technical report/document	1. TRR1101 Advanced Traffic Engineering 2. TRR1104 Transportation System Planning & Management 3. TRR1251 Research and Development Planning and Design
PO3	Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program	1. TRR 1101 Advanced Traffic Engineering 2. TRR 1102 Highway Construction Material and Methods (PCC-II) 3. TRR 1103 Bridge Engineering 4. TRR 1104 Transportation System Planning & Management
PO4	To enhance the communication skills and successfully apply research aptitude among students to R&D activities and consultancy works.	1. TRR 6001 Research Publication Ethics 2. TRR 7001 Dissertation-1 3. TRR 8001 Dissertation-2 4. TRR 5001 Seminar and Research Workshop 5. TRR 1001/1012

2.2 Attainment of Program Outcomes (60)

Total Marks 60.00

2.2.1 Describe the assessment tools and processes used to gather the data upon which the evaluation of Program Outcome is based (20)

Institute Marks

20.00

- Initially, Course Outcomes (CO's) for each course are defined based on the Program Outcomes (PO's) by the coordinator / instructor. At the end of each course, the COs are assessed and evaluated to check whether they have been attained or not.
- Further attainments of the COs are measured both directly and indirectly by the coordinator/instructor. Direct attainment is determined by evaluating the student's knowledge and skills from their performance in tutorial, assignments, seminars, mid semester exams, project presentations and end semester exams. However, indirect methods include taking feedback from the students regarding course attainment level like surveys and interviews, our graduate's opinions and thoughts have been analyzed.

CO attainment through Direct method

- The marks obtained for each question and corresponding COs to which these COs are mapped are collected for each assessment of subject (tutorial, assignments, seminars, mid semester exams, project presentations and end semester exams) and then CO attainment is calculated. The CO assessment is calculated by measuring the percentage of students crossing a predefined bench mark.
- A correlation is established between COs and POs in the scale of 1 to 3, where 1 indicates slight correlation(low), 2 indicates moderate correlation(medium) and 3 indicate substantial correlation(high). A mapping matrix is prepared in this regard for every course in the program.
- In each type of assessment of the subject, the percentage of students crossing a set target level in each question is calculated and that value decides the level of attainment of COs which are correlated to that question. The COs attainment levels are as follows
 - Attainment Level 1: If percentage of students crossing the set target level is less than 40%
 - Attainment Level 2: If percentage of students crossing the set target level is between 40% - 60%
 - Attainment Level 3: If percentage of students crossing the set target level is equal to or greater than 60%

CO attainment through Indirect method

At the end of the course, CO feedback forms are collected from students to get feedback on COs. For each CO a question is prepared and that questionnaire is shared with students. For example, if a course has four COs, then four questions are asked. The student is expected to grade on the three levels (1-Low, 2-Moderate and 3-High). The feedback forms are collected and the data is consolidated.

Final CO attainment

The Rubric for final attainment calculations will be:

Final CO Attainment= (80% of Direct Attainment) + (20% of Indirect Attainment)

Attainment of POs

Initially, target levels of Pos for each course are defined based on the previous experience of the coordinator/instructor and at the end the POs attainment level of the course is calculated by the coordinator / instructor as follow:

PO attained= (PO Target* Course Outcome achieved)/3

2.2.2 POs attainment levels with observations (40)

Institute Marks

40.00

Academic Year 2024-2025
POs Target Level

Course	CO	PO1	PO2	PO3	PO4
TRR 1101	1. Efficiently conduct traffic surveys and use the Traffic survey analysis for management of traffic, designing existing and new road infrastructure	3	1	3	3
	2. Develop ability to design various types of intersections, Implementation of Traffic Control devices and traffic regulations	2	3	3	3
	3. Gain confidence in studying Applications of Traffic flow theories to solve congestion problems and to use simulation techniques.	3	3	3	3
	Average	2.67	2.33	3	3
TRR 1102	1. Examine the properties of the highway materials and perform Bituminous Mix Design	3	2	3	3
	2. Determine the suitability of the concrete and bituminous mixes in compliance to codal provisions.	3	2	3	3
	3. Reduce cost with minimum adverse impact on environment	3	2	3	3
	Average	3	2	3	3
TRR 1103	1. Design sub-structures -piers and abutments.	3	2	3	3
	2. Carry out design of Highway Bridges	3	2	3	2
	3. Examine the existing bridges	3	2	3	3
	Average	3	2	3	2.67
TRR 1201	1. Apply the concept of airport planning and demand forecasting	3	1	3	3
	2. Design the runways, taxiways and aprons	2	3	3	3
	3. Design the components of airport terminal	3	3	3	3
	Average	2.67	2.33	3	3

POs Target (2425-1)

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	2.67	2.33	3	3
TRR 1102	Highway Construction materials & Methods	3	2	3	3
TRR 1103	Bridge Engineering	3	2	3	2.67
TRR 1201	Airport Planning & Design	2.67	2.33	3	3
Average		2.84	2.17	3	2.92

POs Attained (2425-1)

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	1.9	1.7	2.07	2.09
TRR 1102	Highway Construction materials & Methods	2.7	1.8	2.7	2.7
TRR 1103	Bridge Engineering	1.8	1.2	1.8	1.6
TRR 1201	Airport Planning & Design	1.37	1.22	1.49	1.5
Average		1.94	1.48	2.02	1.97

Academic Year 2023-2024

POs Target Level

Course	CO	PO1	PO2	PO3	PO4
TRR 1101	1. Efficiently conduct traffic surveys and use the Traffic survey analysis for management of traffic, designing existing and new road infrastructure	3	3	3	3
	2. Develop ability to design various types of intersections, Implementation of Traffic Control devices and traffic regulations	3	3	3	3
	3. Gain confidence in studying Applications of Traffic flow theories to solve congestion problems and to use simulation techniques.	3	1	3	3
	Average	3	2.33	3	3

TRR 1102	1. Examine the properties of the highway materials and perform Bituminous Mix Design	3	2	3	3
	2. Determine the suitability of the concrete and bituminous mixes in compliance to codal provisions.	3	2	3	3
	3. Reduce cost with minimum adverse impact on environment	3	2	3	3
	Average	3	2	3	3
TRR 1103	1. Design sub-structures -piers and abutments.	3	2	3	3
	2. Carry out design of Highway Bridges	3	2	3	3
	3. Examine the existing bridges	3	2	3	3
	Average	3	2	3	3
TRR 1201	1. Apply the concept of airport planning and demand forecasting	3	1	3	3
	2. Design the runways, taxiways and aprons	2	3	3	3
	3. Design the components of airport terminal	3	3	3	3
	Average	2.67	2.33	3	3
TRR 1104	1. Gain Knowledge of various systems of transportation.	2	3	1	1
	2. Have an in-depth knowledge of Demand projection techniques of various transportation systems.	3	1	2	3
	3. To identify and analyse the impact of various factors that affect various aspects of urban transportation system	2	2	3	1
	Average	2.33	2	2	1.67

TRR 1105	1. Carry out analysis and design of flexible pavements	3	2	3	3
	2. Carry out analysis and design of rigid pavements.	3	3	3	3
	3. Examine the existing pavements and recommend measures for the maintenance and Rehabilitation of Pavements.	3	2	3	2
	4. Have in depth knowledge of the pavement evaluation and design principles governing Overlay.	3	2	3	3
	Average	3	2.25	3	2.75
TRR 1106	1. Outline the need of ITS and illustrate role of communication systems in ITS	3	2	3	3
	2. Identify functional areas and services of ITS	3	2	3	2
	3. Apply the various ITS methodologies	3	2	3	3
	4. Simulate the various traffic conditions using VISSIM	3	2	3	3
	Average	3	2	3	2.75
TRR 1253	1. Analyze the effect of user, roadway, and environment characteristics on traffic	2	2	3	3
	2. Plan and design of road safety improvement programs.	3	2	3	3
	3. Interpret accident data using statistical analysis and evolve safety measures using accident data.	3	3	3	3
	4. Conduct road safety audit.	3	2	3	3
	Average	2.75	2.25	3	3
TRR 1255	1. Carry out a complete knowledge of Construction Project Management Including the risk involved in the construction project	3	3	3	3
	2. Classify and quantify the risk associated with the construction project in Highways.	3	3	3	3
	3. Understand the BOT schemes applied in construction project management.	3	3	3	3
	Average	3	3	3	3

POs Target Year 2023-24

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	3	2.33	3	3
TRR 1102	Highway Construction materials & Methods	3	2	3	3
TRR 1103	Bridge Engineering	3	2	3	3
TRR 1201	Airport Planning & Design	2.67	2.33	3	3
TRR 1104	Transportation System Planning & Management	2.33	2	2	1.67
TRR 1105	Pavement Analysis & Design	3	2.25	3	2.75
TRR 1106	Intelligent Transportation System	3	2	3	2.75
TRR 1253	Road Safety Engineering and Auditing	2.75	2.25	3	3
TRR 1255	Management of Transportation Project & BOT Schemes	3	3	3	3
Average		2.86	2.24	2.89	2.80

POs Attained (Direct)(2023-24)

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	2.33	1.81	2.33	2.33
TRR 1102	Highway Construction materials & Methods	1.83	1.22	1.83	1.83
TRR 1103	Bridge Engineering	2.5	1.67	2.5	2.5
TRR 1201	Airport Planning & Design	2.67	2.33	3	3
TRR 1104	Transportation System Planning & Management	2.5	2	1.75	1.5
TRR 1105	Pavement Analysis & Design	2.63	1.97	2.63	2.41
TRR 1106	Intelligent Transportation System	2.13	1.42	2.13	1.95
TRR 1253	Road Safety Engineering and Auditing	2.75	2.25	3	3
TRR 1255	Management of Transportation Project & BOT Schemes	3	3	3	3
Average		2.48	1.96	2.46	2.39

POs Attained (80% Direct + 20% Indirect)(2023-24)

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	2.24	1.83	2.22	2.26
TRR 1102	Highway Construction materials & Methods	1.97	1.31	1.97	1.97
TRR 1103	Bridge Engineering	2.48	1.66	2.48	2.48
TRR 1201	Airport Planning & Design	2.63	2.36	2.86	2.89
TRR 1104	Transportation System Planning & Management	2.16	1.89	1.82	1.23
TRR 1105	Pavement Analysis & Design	2.56	2.03	2.55	2.38
TRR 1106	Intelligent Transportation System	2.23	1.49	2.23	2.05
TRR 1253	Road Safety Engineering and Auditing	2.71	2.22	2.96	2.96
TRR 1255	Management of Transportation Project & BOT Schemes	3	3	3	3
Average		2.44	1.98	2.45	2.36

Academic Year 2022-2023

POs Target Levels

Course	CO	PO1	PO2	PO3	PO4
TRR 1101	1. Understand the traffic components and characteristics	3	3	2	3
	2. Efficiently conduct traffic surveys and use the traffic survey analysis for management of traffic, designing existing and new road infrastructure	3	2	2	3
	3. Develop ability to design various types of intersections, implementation of traffic control devices and traffic regulations	3	2	3	3
	4. Gain confidence in studying applications of traffic flow theories to solve congestion problems and to use simulation techniques	3	2	1	3
	Average	3	2.25	2	3
TRR 1102	1. Examine the properties of the highway materials and perform Bituminous Mix Design	3	2	3	3
	2. Determine the suitability of the concrete and bituminous mixes in compliance to codal provisions.	3	3	3	3
	3. Reduce cost with minimum adverse impact on environment	2	1	3	3
	Average	2.67	2	3	3

TRR 1103	1. Design sub-structures -piers and abutments.	3	2	3	3
	2. Carry out design of Highway Bridges	3	2	3	3
	3. Examine the existing bridges	3	2	3	3
	Average	3	2	3	3
TRR 1203	1. Analyse transportation project case studies.	1	1	3	1
	2. Evaluate transportation project case studies.	1	2	3	1
	3. Perform analysis to determine vehicle operational cost, losses and expenditure cost of accidents.	3	2	1	3
	4. Compare various methods for raising funds for a highway project and chose the most feasible and viable among them.	2	1	0	3
	Average	1.75	1.5	1.75	2
TRR 1201	1. Apply the concept of airport planning and demand forecasting	3	1	3	3
	2. Design the runways, taxiways and aprons	2	3	3	3
	3. Design the components of airport terminal	3	3	3	3
	Average	2.67	2.33	3	3
TRR 1104	1. Gain Knowledge of various systems of transportation.	2	3	1	1
	2. Have an in-depth knowledge of Demand projection techniques of various transportation systems.	3	1	2	3
	3. To identify and analyse the impact of various factors that affect various aspects of urban transportation system	2	2	3	1
	Average	2.33	2	2	1.67
TRR 1105	1. Carry out analysis and design of flexible pavements	3	3	3	3
	2. Carry out analysis and design of rigid pavements.	3	2	3	3
	3. Examine the existing pavements and recommend measures for the maintenance and Rehabilitation of Pavements.	3	2	3	3
	4. Have in depth knowledge of the pavement evaluation and design principles governing Overlay.	3	2	3	2
	Average	3	2.25	2	2.75

TRR 3001	1. Able to acquire knowledge statistical methods and computer application of accident analysis.	3	3	2	3
	2. Capable of analyzing the factors affecting the construction of new roads, reconstruction of existing road and operational conditions of road.	3	2	2	2
	3. Able to remember the process of road safety audit and the measures of improving road safety.	3	2	3	2
	4. Qualified to evaluate the effectiveness of various management techniques adopted in reducing road accident.	3	2	1	2
	Average	3	2.25	2	2.25
TRR 1106	1. Outline the need of ITS and illustrate role of communication systems in ITS	3	2	3	3
	2. Identify functional areas and services of ITS	3	2	3	2
	3. Apply the various ITS methodologies	3	2	3	3
	4. Simulate the various traffic conditions using VISSIM	3	2	3	3
	Average	3	2	3	2.75
TRR 1253	1. Analyze the effect of user, roadway, and environment characteristics on traffic	2	2	3	3
	2. Plan and design of road safety improvement programs.	3	2	3	3
	3. Interpret accident data using statistical analysis and evolve safety measures using accident data.	3	3	3	3
	4. Conduct road safety audit.	3	2	3	3
	Average	2.75	2.25	3	3
TRR 1255	1. Carry out a complete knowledge of Construction Project Management Including the risk involved in the construction project	3	3	3	3
	2. Classify and quantify the risk associated with the construction project in Highways.	3	3	3	3
	3. Understand the BOT schemes applied in construction project management.	3	3	3	3
	Average	3	3	3	3

POs Target **2022-2023**

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	3	2.25	2	3
TRR 1102	Highway Construction materials & Methods	2.67	2	3	3
TRR 1103	Bridge Engineering	3	2	3	3
TRR 1203	Transportation Economics & Finance	1.75	1.5	1.75	2
TRR 1201	Airport Planning & Design	2.67	2.33	3	3

TRR 1104	Transportation System Planning & Management	2.33	2	2	1.67
TRR 1105	Pavement Analysis & Design	3	2.25	2	2.75
TRR 3001	Road Safety & Management	3	2.25	2	2.25
TRR 1106	Intelligent Transportation System	3	2	3	2.75
TRR 1253	Road Safety Engineering and Auditing	2.75	2.25	3	3
TRR 1255	Management of Transportation Project & BOT Schemes	3	3	3	3
Average		2.74	2.17	2.52	2.67

POs Attained (Direct) **2022-2023**

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	2.5	1.875	1.667	2.5
TRR 1102	Highway Construction materials & Methods	1.12	1.67	2.50	2.50
TRR 1103	Bridge Engineering	2.33	1.56	2.33	2.33
TRR 1203	Transportation Economics & Finance	1.75	1.5	1.75	2
TRR 1201	Airport Planning & Design	1.78	1.94	2.50	2.50
TRR 1104	Transportation System Planning & Management	2.33	1.67	1.67	1.39
TRR 1105	Pavement Analysis & Design	2.75	1.88	1.67	2.29
TRR 3001	Road Safety & Management	2.75	1.88	1.67	1.88
TRR 1106	Intelligent Transportation System	2	1.33	2	1.83
TRR 1253	Road Safety Engineering and Auditing	2.75	1.88	2.50	2.50
TRR 1255	Management of Transportation Project & BOT Schemes	3	3	3	3
Average		2.28	1.84	2.11	2.25

POs Attained (80% Direct + 20% Indirect) **2022-2023**

Course Code	Course Name	PO1	PO2	PO3	PO4
TRR 1101	Advanced Traffic Engineering	2.53	1.90	1.69	2.53
TRR 1102	Highway Construction materials & Methods	1.40	1.69	2.53	2.53
TRR 1103	Bridge Engineering	2.38	1.59	2.38	2.38

TRR 1203	Transportation Economics & Finance	1.69	1.45	1.69	1.94
TRR 1201	Airport Planning & Design	1.92	1.96	2.53	2.53
TRR 1104	Transportation System Planning & Management	2.26	1.69	1.69	1.41
TRR 1105	Pavement Analysis & Design	2.68	1.90	1.69	2.32
TRR 3001	Road Safety & Management	2.68	1.90	1.69	1.90
TRR 1106	Intelligent Transportation System	2.15	1.43	2.15	1.97
TRR 1253	Road Safety Engineering and Auditing	2.66	1.90	2.53	2.53
TRR 1255	Management of Transportation Project & BOT Schemes	3	3	3	3
Average		2.30	1.86	2.14	2.28

POs Attainment

Course	PO1	PO2	PO3	PO4
TR1101	2.33	1.81	2.33	2.33
TR1102	1.83	1.22	1.83	1.83
TR1103	2.5	1.67	2.5	2.5
TR1201	2.67	2.33	3	3
TR1104	2.5	2	1.75	1.5
TR1105	2.63	1.97	2.63	2.41
TR1106	2.13	1.42	2.13	1.95
TR1253	2.75	2.25	3	3
TR1255	3	3	3	3
TR1101	2.5	1.875	1.667	2.5
TR1102	1.12	1.67	2.5	2.5
TR1103	2.33	1.56	2.33	2.33
TR1203	1.75	1.5	1.75	2
TR1201	1.78	1.94	2.50	2.50
TR1104	2.33	1.67	1.67	1.39
TR3001	2.75	1.88	1.67	1.88
TR1106	2	1.33	2	1.83
TR1253	2.75	1.88	2.50	2.50
TR1255	3	3	3	3
TR1105	2.75	1.88	1.67	2.29

Attainment Level

Direct attainment weightage(in numbers from 1 to 100)		Indirect attainment weightage		
80		20		
Course	PO1	PO2	PO3	PO4
PO Attainment	2.38	1.92	2.28	2.32
Direct Attainment	2.37	1.89	2.27	2.31
InDirect Attainment	2.44	2.02	2.31	2.37

3 STUDENTS' PERFORMANCE (75)

Total Marks 45.80

Table 3.1

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2020-21 (CAYm4)
Sanctioned intake of the program(N)	18	18	18	18	18
Total number of students admitted through GATE (N1)	3	5	5	9	18
Total number of students admitted through PG Entrance and others (N2)	5	6	14	4	0
Total number of students admitted in the programme(N1 + N2)	8	11	19	13	18

Table 3.2

Year of entry	N1 + N2 (As defined above)	Number of students who have successfully graduated	
		I year	II year
2024-25 (CAY)	8		
2023-24 (CAYm1)	11	11	
2022-23 (LYG)	19	15	15
2021-22 (LYGm1)	13	11	11
2020-21 (LYGm2)	18	16	16

3.1 Enrolment Ratio through GATE (20)

Total Marks 6.00

Institute Marks

6.00

	N (From Table 3.1)	N1 (From Table 3.1)	Enrollment Ratio [(N1/N)*100]
2024-25 (CAY)	18	3	16.67
2023-24 (CAYm1)	18	5	27.78
2022-23 (CAYm2)	18	5	27.78

Average [(ER1 + ER2 + ER3) / 3] : 24.08

Assessment : 6.00

3.2 Success Rate in the stipulated period of the program (20)

Total Marks 16.80

Item	Latest Year of Graduation, LYG (2022-23)	Latest Year of Graduation minus 1, LYGm1 (2021-22)	Latest Year of Graduation minus 2 LYGm2 (2020-21)
X Number of students admitted in first year of same batch	19.00	13.00	18.00
Y Number of students completing program in stipulated duration	15.00	11.00	16.00
Success Index [$SI = Y / X$]	0.79	0.85	0.89

Average SI [$(SI1 + SI2 + SI3) / 3$] : 0.84

Assessment [$20 * \text{Average SI}$] : 16.80

3.3 Placement, Higher Studies and Entrepreneurship (20)

Total Marks 8.00

Item	CAYm1(2023-24)	CAYm2(2022-23)	CAYm3(2021-22)
Total No of students admitted in first year(N)	11.00	19.00	13.00
No of students placed in the companies or goverment sector(X)	2.00	2.00	7.00
No. of students pursuing Ph.D. / JRF/ SRF(Y)	1.00	1.00	3.00
No of students turned enterpreneur in engineering/technology (Z)	0.00	0.00	0.00
Placement Index [(X+Y+Z)/N] :	0.27	0.16	0.77

Average Placement [(P1 + P2 + P3)/3] : 0.40

Assessment [20 * Average Placement] : 8.00

Program Name : Computer Science and Engineering**Assessment Year : 2023-24 (CAYm1)**

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Savjot Singh Bains	22202001	Chandigarh Housing Board	No. HB(S)/EA-111/2023/850 dated 10.08.2023
2	Riya Dhiman	22202003	IIT Mandi	D24099
3	Simranjeet Singh	22202014	PRS&TRC	PRSTRC/2023/70

Assessment Year : 2022-23 (CAYm2)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Soham Maity	21202004	Systra	SMCIPL/IND/P/2023/0045 Dated 06.01.2023
2	Aman Arora	21202007	L&T	Attached
3	Ayushi Randhawa	21202002	Punjab Engineering College Chandigarh	23303004

Assessment Year : 2021-22 (CAYm3)

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Kartick Kumar	20202001	NIT Hamirpur	NIT-H-22RCE003
2	Pawan Chauhan	20202003	PEC University of Technology	PEC-23303003
3	Jaskaran Singh	20202005	Municipal Corporation Chandigarh	Road division No-11
4	Tanuj Nangia	20202006	PEC University of Technology	PEC-22303004
5	Kamalpreet Singh	20202007	PWD B&R- Punjab Government	NH Subdivision-Mohali
6	Deepika Gupta	20202008	Evalueserve	SEZ-05563
7	Prashant Tiwari	20202009	Kamtech Associates Private Limited	KA/2023-24/HR-218 Dated 24.11.2023
8	Gaurav Narang	20202012	Rural Dev. & Panchayat Department, Govt. Of Punj	BDPO GHALL KHURD, FEROZEPUR.
9	Shikha Sharma	20202013	PWD- Jammu and Kashmir	CPIS id-GNJPWD00070057
10	Mir Abid Muzaffar	20202014	PWD- Jammu and Kashmir	CPIS id-GRZPWD00020024

3.4 Professional Activities (15)

Total Marks 15.00

3.4.1 Student's participation in Professional societies/chapters and organizing engineering events (5)

Institute Marks

5.00

- World Water Day celebration by Department of Civil Engineering at Punjab Engg. College, Chandigarh on 22.03.2022.
- 27th International Conference (HYDRO 2022) organized by Department of Civil Engineering at Punjab Engg. College, Chandigarh.
- Short term course "Numerical Modelling for Geotechnical applications through Plaxis 2D/3D, organized by Department of Civil Engineering at Punjab Engg. College, Chandigarh, June 18-22, 2024.

3.4.2 Student's publications (10)

Institute Marks

10.00

(Publications along with the names of the authors and publishers, etc.)

Sr. No.	SID of the Student	Name of the Student	Name of the Guide	Title of the Paper	Publications in Journal/Conference etc.	Year of Publication
1.	20202006	Tanuj Nangia	Dr. Umesh Sharma	Modeling of Travel Time under Heterogeneous Traffic Condition in Chandigarh- A Case Study.	Journal of Emerging Technologies and Innovative Research, Vol9, Issue 5.	2022
2.	20202017	Abhishek Bansal	Dr. Umesh Sharma	Pedestrian Safety Index at a Three-Legged Intersection in Chandigarh using FHWA Model.	Journal of Emerging Technologies and Innovative Research, Vol9, Issue 7.	2022
3.	22202003	Riya Dhiman	Dr. Umesh Sharma	Road Safety Assessment for Schools Using Star Rating Technique.	The Asian Journal, Journal of Transport and Infrastructure, Vol1, No. 1.	2024

4 FACULTY CONTRIBUTIONS (75)

Total Marks 65.00

Sr.No	Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Ph.D. granted during the Assessment Year	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial Date of Joining	Association Type	At present working with the Institution(Yes/No)	In case of NO, Date of Leaving	IS HOD?
1	Dr. S.K Verma	AAOPV5379F	ME/M. Tech and PhD	14/11/2009	Wind Engineering, concrete behaviour, Analysis and design of Structures	1	0	0	Professor	16/11/2015	12/06/1989	Regular	Yes		No
2	Dr. R.R Singh	ADHPS7595Q	ME/M. Tech and PhD	26/03/2002	Civil Engineering specially construction Technology & Management with highways & Structures	3	1	0	Professor	01/01/2003	02/01/1995	Regular	Yes		No
3	Dr. Shakti Kumar	ABRPK9706F	ME/M. Tech and PhD	07/11/2007	EIA Studies, Water Waste Water & Treatment Plant Design, Solid Waste Mangement Studies	0	0	0	Professor	01/08/2014	12/03/1993	Regular	Yes		No
4	Dr. Sarita Singla	ACNPS8978A	ME/M. Tech and PhD	18/06/2015	High Performance concrete, Use of admixtures in concrete, Analysis and structural design of RCC and S	12	2	0	Professor	20/06/2016	24/04/1992	Regular	Yes		No
5	Dr. Siby John	AEBPJ2611R	ME/M. Tech and PhD	29/05/1999	Environmental Engineering, Water Quality, Industrial Pollution Control, Air pollution, Transport Env	0	0	0	Professor	27/07/2006	16/02/2001	Regular	Yes		No

6	Dr. S.K Singh	ALSPS4189H	ME/M. Tech and PhD	05/10/2005	Geotechnical Engineering (Slope stability, Slope stabilization, pile foundation); Geoenvironment Eng	5	2	0	Professor	16/05/2013	15/02/1999	Regular	Yes		Yes
7	Dr. Pardeep Kumar	ABCPG7718E	ME/M. Tech and PhD	01/09/2005	Pavement Design and Materials, Bridge Design, Soil Mechanics & Foundation Engineering, Flyash, Concr	9	3	0	Professor	16/05/2016	15/03/1989	Regular	Yes		No
8	Dr. Umesh Sharma	ADHPS7059R	ME/M. Tech and PhD	29/09/2004	Highway Engineering, Transportation System planning and Management, Traffic Engineering, Transport E	9	2	0	Professor	08/10/2009	01/12/1993	Regular	Yes		No
9	Sh. S.K Sharma	ACNPS8979B	M.E/M.Tech	14/12/1991	Water Pollution & Air Pollution	0	0	0	Associate Professor	02/01/2006	28/04/1992	Regular	Yes		No
10	Ms.(Dr) Geeta Arora	AARPA9477C	ME/M. Tech and PhD	28/02/2004	Environmental Engineering	2	1	0	Associate Professor	26/09/2009	29/09/2006	Regular	Yes		No
11	Dr. Kamal Kumar	ADCPK7287N	ME/M. Tech and PhD	15/01/2013	Water Resources Engineering, Stochastic Hydrology, Remote Sensing and GIS	3	0	0	Associate Professor	12/01/2012	16/09/1999	Regular	Yes		No
12	Ms. Sovina Sood	AMMPS6482J	M.E/M.Tech	13/02/1986	Highways & Material Testing	0	0	0	Assistant Professor		22/09/1986	Regular	Yes		No
13	Dr. Arshdeep Singh	EHXPS6444C	ME/M. Tech and PhD	21/12/2023	Concrete Technology	13	0	1	Assistant Professor		15/03/2013	Regular	Yes		No
14	Dr. Mohit Kumar	AQFPK8870M	ME/M. Tech and PhD	14/05/2024	Hydrology	8	0	1	Assistant Professor		22/03/2013	Regular	Yes		No
15	Sh. Yatindra Kumar	CPMPK5444P	M.E/M.Tech	15/09/2012	Hydraulics and water Resources	5	0	0	Assistant Professor		08/04/2013	Regular	Yes		No
16	Dr. Har Amrit Singh Sandhu	AYNPS0542C	ME/M. Tech and PhD	30/12/2019	Geographical Information System (GIS)	12	2	0	Assistant Professor		01/05/2013	Regular	Yes		No

17	Sh. Kuldeep Kumar	CEZPK7774N	M.E/M.Tech	12/10/2013	Civil Engineering	5	0	0	Assistant Professor		15/12/2017	Regular	Yes		No
18	Dr. Badveeti Adinarayana	BHVPB1845F	ME/M. Tech and PhD	08/06/2021	Transportation Engineering and Planning, Sustainable transportation planning, traffic engineering	4	0	0	Assistant Professor		26/04/2023	Regular	Yes		No
19	Dr. Ran Bir Singh	JQDPS2379C	ME/M. Tech and PhD	14/10/2019	Structural Engg.	0	0	0	Assistant Professor		04/05/2023	Regular	No	27/09/2023	No
20	Dr. Deotima Mukherjee	ASUPM4892L	ME/M. Tech and PhD	05/11/2022	Transportation Engg.	0	0	0	Assistant Professor		01/08/2023	Contractual Fulltime	Yes		No
21	Dr. Garry Singla	JGFPS1935A	ME/M. Tech and PhD	03/12/2021	Geology	7	0	0	Assistant Professor		13/10/2022	Contractual Fulltime	Yes		No
22	Dr. Rahul K Meena	BZSPM7320M	ME/M. Tech and PhD	27/12/2022	Structural Engg.	0	0	0	Assistant Professor		10/08/2022	Contractual Fulltime	No	11/03/2024	No
23	Dr. Parvesh Kumar	CHPPK4702D	ME/M. Tech and PhD	25/08/2022	Geotechnical Engineering	2	0	0	Assistant Professor		01/08/2023	Contractual Fulltime	Yes		No
24	Dr. Veena U	AEWPU0677H	ME/M. Tech and PhD	12/06/2023	Geotechnical Engineering	2	0	0	Assistant Professor		01/08/2023	Contractual Fulltime	Yes		No
25	Dr. Bhupati Kannur	DHFPK9194G	ME/M. Tech and PhD	03/11/2023	Transportation Engg.	0	0	0	Assistant Professor		03/08/2023	Contractual Fulltime	No	31/07/2024	No
26	Dr. Saurabh Kumar	GUQPK3768B	ME/M. Tech and PhD	25/12/2021	Environmental Engg	0	0	0	Assistant Professor		06/09/2021	Contractual Fulltime	No	30/07/2022	No
27	Dr. Sangeeta	DYPPS3942M	ME/M. Tech and PhD	26/04/2021	Disaster Mitigation & Management	1	0	0	Assistant Professor		01/09/2021	Contractual Fulltime	No	30/07/2022	No
28	Dr. Mohd. Afaq Alam	ABZPA4933C	ME/M. Tech and PhD	16/11/2015	Water Resources Engg.	0	0	0	Professor	27/07/2006	01/12/1993	Regular	No	05/03/2022	No
29	Ms.(Dr) Tripta Goyal	AARPG6073A	ME/M. Tech and PhD	26/11/1997	Transportation Engg.	0	0	0	Professor	27/06/2008	03/04/2003	Regular	No	05/03/2022	No
30	Dr. Richa Ahuja	AYRPA3441A	ME/M. Tech and PhD	31/05/2022	Transportation Engg.	0	0	0	Assistant Professor		27/07/2022	Contractual Fulltime	No	31/05/2023	No
31	Ms. Shrishti Kanoungo	CTHPK3995E	M.E/M.Tech	05/07/2014	Transportation Engg.	0	0	0	Assistant Professor		25/07/2022	Contractual Fulltime	No	31/05/2023	No
32	Dr. Shibayan Biswas	AZIPB5762D	ME/M. Tech and PhD	22/07/2021	Civil Engineering	0	0	0	Assistant Professor		08/08/2022	Contractual Fulltime	No	04/02/2023	No

33	Dr. Swaraj Chowdhury	AYHPC3437A	ME/M. Tech and PhD	18/11/2021	Geotechnical Engineering	0	0	0	Assistant Professor		18/08/2022	Contractual Fulltime	No	21/01/2023	No
34	Dr. Deep Roy	AYOPR6810R	ME/M. Tech and PhD	04/06/2021	Civil Engineering	0	0	0	Assistant Professor		16/08/2022	Contractual Fulltime	No	30/12/2022	No
35	Dr. Anita Sharma	IJHPS3349C	ME/M. Tech and PhD	21/10/2024	Environmental Engineering	0	0	1	Assistant Professor		13/08/2024	Contractual Fulltime	No	06/02/2025	No
36	Dr. Karan Moolchandani	DDVPM9407E	ME/M. Tech and PhD	29/01/2025	Structural Engineering	2	0	1	Assistant Professor		12/08/2024	Contractual Fulltime	Yes		No
37	Dr. Manoj Kannan	CAHPM7159M	ME/M. Tech and PhD	13/09/2023	Geotechnical Engineering	2	0	1	Assistant Professor		14/08/2024	Contractual Fulltime	Yes		No
38	Dr. Virajan Verma	BBPPV5310M	ME/M. Tech and PhD	28/10/2023	Structural Engineering	1	0	0	Assistant Professor		12/08/2024	Contractual Fulltime	Yes		No
39	Dr. Nirpinder Jain	APKWJ4799A	ME/M. Tech and PhD	19/05/2022	Tansportation Engg.	0	0	0	Assistant Professor		14/08/2024	Contractual Fulltime	Yes		No

4.1 Student-Faculty Ratio (SFR) (10)

UG

No. of UG Programs in the Department 1

Civil Engineering						
Year of Study	CAY		CAYm1		CAYm2	
	(2024-25)		(2023-24)		(2022-23)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
2nd Year	120	0	120	0	120	0
3rd Year	120	0	120	0	120	0
4th Year	120	0	120	0	120	0
Sub-Total	360	0	360	0	360	0
Total	360		360		360	
Grand Total		360	360		360	

PG

No. of PG Programs in the Department 4

Environmental Engineering				
Year of Study	CAY(2024-25)		CAYm1(2023-24)	CAYm2 (2022-23)
	Sanction Intake		Sanction Intake	Sanction Intake
1st Year	6		6	18
2nd Year	6		18	18
Total	12		24	36
Structural Engineering				
Year of Study	CAY(2024-25)		CAYm1(2023-24)	CAYm2 (2022-23)
	Sanction Intake		Sanction Intake	Sanction Intake
1st Year	18		18	18
2nd Year	18		18	18
Total	36		36	36
Transportation Engineering				
Year of Study	CAY(2024-25)		CAYm1(2023-24)	CAYm2 (2022-23)
	Sanction Intake		Sanction Intake	Sanction Intake
1st Year	18		18	18
2nd Year	18		18	18
Total	36		36	36
Water Resource Engineering				
Year of Study	CAY(2024-25)		CAYm1(2023-24)	CAYm2 (2022-23)
	Sanction Intake		Sanction Intake	Sanction Intake
1st Year	0		0	18
2nd Year	0		18	18
Total	0		18	36
Grand Total	84		114	144

SFR

No. of UG Programs in the Department 1

No. of PG Programs in the Department 4

Description	CAY(2024-25)		CAYm1 (2023-24)		CAYm2 (2022-23)	
Total No. of Students in the Department(S)	444	Sum total of all (UG+PG) students	474	Sum total of all (UG+PG) students	504	Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	26	F1	23	F2	20	F3
Student Faculty Ratio(SFR)	17.08	SFR1=S1/F1	20.61	SFR2=S2/F2	25.20	SFR3=S3/F3
Average SFR	20.96	SFR=(SFR1+SFR2+SFR3)/3				

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY(2024-25)	18	8
CAYm1(2023-24)	18	5
CAYm2(2022-23)	17	3

Average SFR for three assessment years : 20.96

Assessment SFR : 07

4.2 Faculty competencies in the area of Program specialization (30)

Total Marks 30.00

4.2.1 Faculty name and specialization for the program under consideration (10)

Institute Marks
10.00

Name of the faculty	Relevant Area of Specialization	
	2024-25 (CAY)	2023-24 (CAYm1)
Dr. Anita Sharma	Environmental Engineering	Environmental Engineering
Dr. Arshdeep Singh	Structural Engineering	Structural Engineering
Dr. Badveeti Adinarayana	Transportation Engineering	Transportation Engineering
Dr. Bhupati Kannur	Transportation Engineering	Transportation Engineering
Dr. Deep Roy	Water Resource Engg.	Water Resource Engg.
Dr. Deotima Mukherjee	Transportation Engineering	Transportation Engineering
Dr. Garry Singla	Geology	Geology
Dr. Har Amrit Singh Sandhu	Geomatics Engg.	Geomatics Engg.
Dr. Kamal Kumar	Water Resource Engg.	Water Resource Engg.
Dr. Karan Moolchandani	Structural Engineering	Structural Engineering
Dr. Manoj Kannan	Geo-Technical Engg.	Geo-Technical Engg.
Dr. Mohd. Afaq Alam	Water Resource Engg.	Water Resource Engg.
Dr. Mohit Kumar	Water Resource Engg.	Water Resource Engg.
Dr. Nirpinder Jain	Transportation Engineering	Transportation Engineering
Dr. Pardeep Kumar	Transportation Engineering	Transportation Engineering
Dr. Parvesh Kumar	Geo-Technical Engg.	Geo-Technical Engg.
Dr. R.R Singh	Construction Engg	Construction Engg
Dr. Rahul K Meena	Structural Engineering	Structural Engineering

Dr. Ran Bir Singh	Structural Engineering	Structural Engineering
Dr. Richa Ahuja	Transportation Engineering	Transportation Engineering
Dr. S.K Singh	Geo-Technical Engg.	Geo-Technical Engg.
Dr. S.K Verma	Structural Engineering	Structural Engineering
Dr. Sangeeta	Disaster Mitigation & Management	Disaster Mitigation & Management
Dr. Sarita Singla	Structural Engineering	Structural Engineering
Dr. Saurabh Kumar	Environmental Engineering	Environmental Engineering
Dr. Shakti Kumar	Environmental Engineering	Environmental Engineering
Dr. Shibayan Biswas	Geo-Technical Engg.	Geo-Technical Engg.
Dr. Siby John	Environmental Engineering	Environmental Engineering
Dr. Swaraj Chowdhury	Geo-Technical Engg.	Geo-Technical Engg.
Dr. Umesh Sharma	Transportation Engineering	Transportation Engineering
Dr. Veena U	Geo-Technical Engg.	Geo-Technical Engg.
Dr. Virajan Verma	Structural Engineering	Structural Engineering
Ms. Shrishti Kanoungo	Transportation Engineering	Transportation Engineering
Ms. Sovina Sood	Transportation Engineering	Transportation Engineering
Ms.(Dr) Geeta Arora	Environmental Engineering	Environmental Engineering
Ms.(Dr) Tripta Goyal	Transportation Engineering	Transportation Engineering
Sh. Kuldeep Kumar	Structural Engineering	Structural Engineering
Sh. S.K Sharma	Environmental Engineering	Environmental Engineering

Sh. Yatindra Kumar	Water Resource Engg	Water Resource Engg
--------------------	---------------------	---------------------

4.2.2 Faculty Research Publication (10)

Institute Marks

10.00

Name of the faculty	Academic Research					
	Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.			Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute		
	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
Dr. Anita Sharma	-	-	-	-	-	-
Dr. Arshdeep Singh	4	5	1	-	-	-
Dr. Badveeti Adinarayana	1	3	-	-	-	-
Dr. Bhupati Kannur	-	-	-	-	-	-
Dr. Deep Roy	-	-	-	-	-	-
Dr. Deotima Mukherjee	-	-	-	-	-	-
Dr. Garry Singla	2	1	3	-	-	-
Dr. Har Amrit Singh Sandhu	6	2	2	2	-	-
Dr. Kamal Kumar	-	-	3	-	-	-
Dr. Karan Moolchandani	-	-	-	-	-	-
Dr. Manoj Kannan	-	-	-	-	-	-
Dr. Mohd. Afaq Alam	-	-	-	-	-	-
Dr. Mohit Kumar	1	4	-	-	-	-
Dr. Nirpinder Jain	-	-	-	-	-	-
Dr. Pardeep Kumar	6	-	4	-	2	-
Dr. Parvesh Kumar	1	-	-	-	-	-
Dr. R.R Singh	1	1	1	-	-	-

Dr. Rahul K Meena	-	-	-	-	-	-
Dr. Ran Bir Singh	-	-	-	-	-	-
Dr. Richa Ahuja	-	-	-	-	-	-
Dr. S.K Singh	2	3	-	1	1	-
Dr. S.K Verma	1	-	-	-	0	-
Dr. Sangeeta	-	1	-	-	-	-
Dr. Sarita Singla	4	4	4	2	-	-
Dr. Saurabh Kumar	-	-	-	-	-	-
Dr. Shakti Kumar	-	-	-	-	-	-
Dr. Shibayan Biswas	-	-	-	-	-	-
Dr. Siby John	-	-	-	-	-	-
Dr. Swaraj Chowdhury	-	-	-	-	-	-
Dr. Umesh Sharma	5	2	2	-	1	-
Dr. Veena U	-	-	-	-	-	-
Dr. Virajan Verma	-	-	-	-	-	-
Ms. Shrishti Kanoungo	-	-	-	-	-	-
Ms. Sovina Sood	-	-	-	-	-	-
Ms.(Dr) Geeta Arora	-	2	-	-	1	-
Ms.(Dr) Tripta Goyal	-	-	-	-	-	-
Sh. Kuldeep Kumar	3	-	-	-	-	-

Sh. S.K Sharma	-	-	-	-	-	-
Sh. Yatindra Kumar	2	1	0	-	-	-

4.2.3 Faculty Development work (10)

Institute Marks

10.00

Faculty Members Who Have Completed PhD During the Assessment Period

Faculty Name	Institution	Year	Description
Dr. Mohit Kumar	IIT Ropar	2024	Completed PhD in Water Resources Engineering.
Dr. Arshdeep Singh	IIT Roorkee	2023	Completed PhD in Structural Engineering.
Dr. Manoj Kanan	IIT Ropar	2024	Completed PhD in Geotechnical Engineering.
Dr. Karan Mool Chandani	NIT Bhopal	2024	Completed PhD in structural engineering
Dr. Anita Sharma	NIT Hamirpur	2024	Completed PhD in Environmental Engineering

Patents (Filed/ Granted)

Sr. No.	Patent applied by	Patent filed for	Filed on	Patent Granted (Yes/No)	Duration of Patent
1	S.K Singh and Syed Mohd. Arif	Airbag Safeguarded Elevator	Design No.401973-001 dated 12.12.2023	Yes	10 Years
2	S.K Singh and Syed Mohd. Arif	Flush Integrated Toilet Seat	Design No. 417443-001 dated 20.05.2024	Yes	10 Years

4.3 Faculty as participants in Faculty development/training activities/STTPs (5)

Total Marks 5.00

Participation of Faculty in Short Term Courses/ Workshops/ Conferences/ Seminars/ Symposia

Sr. No.	Name of Faculty	Name of Short-Term Courses/ Workshops/ Conferences/ Seminars/ Symposia	Place	Date
1.	Dr. Har Amrit Singh Sandhu	Road safety issues and challenges, NHAI	PWD Rest House, Panchkula	19 th Dec 2020
2.	Dr. Umesh Sharma	Expert Lecture on Pavement Distress and Remedial Measures	NIT, Jalandhar	17 th July, 2020
3.	Dr. Umesh Sharma	Expert Lecture on Innovations in the use of waste materials in Construction	NIT, Jalandhar	9 th August 2022
4.	Dr. Garry Singla	Attended Goldschmidt conference (Virtual),	Hawaii, US	June 21-26, 2020
5.	Dr. Garry Singla	14 th Chandigarh Science Congress, CHASCON 2020	Chandigarh	December 17-19, 2020
6.	Dr. Umesh Sharma	Expert Lecture on Traffic Management in an Urban City-An Environmental Based Approach	I.E.T Lucknow	20 th January 2021
7.	Dr. Umesh Sharma	Expert Lecture on Remedies for Pavement Distress	IGCE, Abhipur	7-12 June, 2021
8.	Dr. Har Amrit Singh Sandhu	Working with Drones	PEC Chandigarh.	20 th – 22 nd March 2021
9.	Dr. Mohit Kumar	26 th International Conference on Hydraulics, Water Resources and Coastal Engineering (HYDRO 2021 International"	SVNIT Surat, Gujarat	Dec 23-25, 2021
10.	Dr. R.R. Singh	Seminar on Career Opportunities in core Sector	NICMAR Hyderabad	April 19, 2022
11.	Dr. Umesh Sharma	Indo European Conference on Sustainable Materials, Environment & Construction-II	University Center for Research and Development and Department of Civil Engineering, Chandigarh University	21 st -22 nd April, 2022
12.	Dr. R.R. Singh	Open-Source Geospatial Products in Disaster Management (OSGPDM)	Punjab Engineering College (Deemed to be University), Chandigarh	16 th July, 2022
13.	Dr. Umesh Sharma	Workshop on Open-Source Geospatial Products in Disaster Management	PEC, Chandigarh	16 th July, 2022
14.	Dr. Har Amrit Singh Sandhu	Open-Source Geospatial Products in Disaster Management	PEC, Chandigarh	16 th July, 2022
15.	Dr. Har Amrit Singh Sandhu	Basics of Remote Sensing and GIS for Chandigarh Administration	PEC, Chandigarh	12 th November, 2022

16.	Dr. Umesh Sharma (Chairman, HYDRO2022)	27 th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering HYDRO 2022	PEC, Chandigarh	22 nd – 24 th December, 2022
17.	Dr. Har Amrit Singh Sandhu (Organizing Secretary, HYDRO 2022)	27th International Conference on Hydraulic, Water Resources, Environmental, and Coastal Engineering (HYDRO-22)	PEC, Chandigarh	22 nd – 24 th December, 2022
18.	Dr. Geeta Arora	Attended 27th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering (HYDRO 2022)	PEC Chandigarh	Dec 22-24, 2022
19.	Dr. Mohit Kumar	27th International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering (HYDRO 2022)	PEC Chandigarh	Dec 22-24, 2022
20.	Prof. Kuldeep Kumar	Creative problem solving, innovation and meaningful R & D	AICTE National Initiative for Technical Teachers Training	Feb, 2023
21.	Prof. Kuldeep Kumar	Instructional Planning and Delivery	AICTE National Initiative for Technical Teachers Training	Feb, 2023
22	Prof. Kuldeep Kumar	Orientation towards technical education and curriculum aspects	AICTE National Initiative for Technical Teachers Training	Feb, 2023
23	Dr. R R Singh	National conference on Application of coconut fiber for the improvement of soil subgrade characteristics	Indian Building Congress at PUSSA Campus, New Delhi	May ,2023
24	Dr. Umesh Sharma	Sustainable Development of Smart Cities Infrastructures, International Conference	National Institute of Technology, Kurukshetra	May 27 th -28 th , 2023
25	Dr.B.Adinarayana	Prospects of Infrastructure Development in the Construction	Dr B R Ambedkar National Institute of Technology, Jalandhar.	May 22-26 2023,
26	Dr.B.Adinarayana	National Conference on Sustainable Development of Smart Cities Infrastructure (SDSCI) was held at the National Institute of Technology (NIT) Kurukshetra	National Institute of Technology (NIT) Kurukshetra	May 27 th 28 2023
27	Dr. Arshdeep Singh	International RILEM Conference on Synergizing Expertise towards Sustainability and Robustness of cement based material and concrete structures	Milos Island Greece	June 14-16, 2023

28	Dr. B.Adinarayana	Application of MCDM Methods in Logistics and Transportation Engineering (MMLT 2023)	NIT Calicut	July 10-15, 2023
29	Dr. Mohit Kumar	28 th International Conference on "Hydraulics, Water Resources, Environmental and Coastal Engineering"	NIT Warrangal	Dec 21-23, 2023
30	Dr. Pradeep Kumar Gupta	Inculcating Universal Human Values in Technical Education	New Delhi	September 25-29, 2023
31	Dr. Har Amrit Singh Sandhu	Flood Disaster Management	NIDM, New Delhi	5th September, 2022
32	Dr. Har Amrit Singh Sandhu	Emergency Operations Centre	NIDM, New Delhi	29th August, 2022
33	Dr. Har Amrit Singh Sandhu	Geospatial Technologies for Disaster Management	NIDM, New Delhi	23-25th August, 2022
34	Dr. Har Amrit Singh Sandhu	Climate Change Adaptation	NIDM, New Delhi	26th July, 2022
35	Dr. Har Amrit Singh Sandhu	Open Source Geospatial Products	PEC Chandigarh	16th July, 2022
36	Dr. Garry Singla	Attended Hydro 2022	Chandigarh	December 20-24 , 2022
37	Dr. R.R. Singh	International Conference on "Artificial Intelligence, Computing, IOT and Data Analytics"	PEC, Chandigarh	18 th – 20 th December 2023 (3 days)
38	Dr. Arshdeep Singh	International RILEM Conference on Synergising Expertise towards Sustainability and Robustness of Cement-based Materials and Concrete Structures.	Milos Island, Greece	14-16 June 2023
39	Dr. Har Amrit Singh Sandhu	28 th International Conference on "Hydraulics, Water Resources, Environmental and Coastal Engineering"	NIT Warangal	21 st – 23 rd December, 2023
		3 rd International Conference on Unmanned Aerial System in Geomatics (UASG 2023)	Kuala Lumpur, Malaysia	20 th – 21 st November, 2023
		Research stay at the University of Graz, Austria	TU Graz, Austria	25 th June- 15 th July, 2023
40	Dr. BadveetiAdinarayana	Application of MCDM methods in Logistic and Transport Engineering	NIT Calicut Online	10 th to 15 th July, 2023
41	Dr. Umesh Sharma	4 th International Conference onEnvironmentalGeotechnology, Recycled Waste Materials and Sustainable Engineering	National Institute of Technology, Jalandhar	Oct 25 th -27 th ,2023
42	Dr. Umesh Sharma	Workshop-Cum Training on Road Safety organized by Transport Department, Punjab	MGSIPA, Chandigarh	Sep 5 th -6 th , 2023
43	Dr. Pardeep Kumar Gupta	Inculcating Universal Human Values in Technical Education	Online AICTE, New Delhi	25 th September,2023 to 29 th September,2023

44	Prof. Kuldeep Kumar	Professional Ethics and Sustainability	AICTE National Initiative for Technical Teachers Training	September, 2023
45	Prof. Kuldeep Kumar	Student Assessment and evaluation	AICTE National Initiative for Technical Teachers Training	February, 2024
46	Dr.B.Adinarayana	A Measuring Pedestrian Accessibility within the University Campus Using Data Science at First Indian Conference on Disaster Resilient Infrastructure (I-DRI 2024)	NIT Puducherry at Sigma Hall, Vikram Sarabhai Block,	7 th and 8 th March 2024
47	Dr. S.K Singh	One week Training Program on Application of Space Technology for Landslide hazard, heavy rainfall and floods in northwestern Himalayas (Resource Person)	Dept. of Geology Punjab University, Chandigarh	12 th -17 th February 2024
48	Dr.B.Adinarayana	International Conference on Sustainable Materials, Environment and Technologies Under Climate Change Scenario (SMET-2024)	NIT Kurukshetra	July 25-27, 2024
49	Dr. Pardeep Kumar Gupta	Transportation Planning and implementation Methodologies for developing countries	IIT Bombay	December 18-20, 2024
50	Dr.B.Adinarayana	15 th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC)	IIT Bombay, Mumbai (India).	18-20 December 2024 Mumbai, India
51	Dr. Pardeep Kumar Gupta	Conference on Challenges and Innovation for sustainable smart cites	Chandigarh	7–9 Feb 2025
52	Dr. Badveeti Adinarayana	Presented paper in ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025)	Chandigarh	7–9 Feb 2025
53	Dr. Badveeti Adinarayana	Presented paper in ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025)	Chandigarh	7–9 Feb 2025
54	Dr. Karan Moolchandani	Participated in ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC-2025), 7–9 Feb 2025, Chandigarh	Chandigarh	7–9 Feb 2025

55	Dr. Karan Moolchandani	Attended Short Term Programme on "LabVIEW Applications in Engineering," 17–21 March 2025, organized by NITTTR & PEC Chandigarh, held at PEC.	PEC Chandigarh	17–21 March 2025
56	Dr. S.K Singh	Organized: Numerical Modelling for Geotechnical Applications through Plaxis 2D/3D; Organized by Indian Geotechnical Society Chandigarh Chapter in Collaboration with IIT Ropar	PEC Chandigarh	June 18 -22, 2024
57	Dr. S.K Singh	Attended 9 th Int. Conference on Environmental Geotechnics.	Chania, Greece	June 25-28, 2023
58	Dr. Veena U	Short-Term Course on Numerical Modelling for Geotechnical Applications through Plaxis 2D/3D; Organized by Indian Geotechnical Society Chandigarh Chapter Role: Joint Organizing Secretary	PEC Chandigarh	June 18 -22, 2024
59	Dr. Parvesh Kumar	Attended Short-Term Course on Numerical Modelling for Geotechnical Applications through Plaxis 2D/3D; Organized by Indian Geotechnical Society Chandigarh Chapter.	PEC Chandigarh	June 18 -22, 2024
60	Dr. Garry Singla	Attended GSA Connect 2024	Anaheim, California, USA	September 22-25 , 2024
61	Dr. Umesh Sharma	Sustainable Materials, Environment and Technologies (SMET-2024)	National Institute of Technology, Kurukshetra	July 25 th -27 th ,2024
62	Dr. Manoj Kannan	Attended 8 th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics (8ICRAGEE),	IIT Guwahati.	December 11–14, 2024
63	Dr. Garry Singla	Attended AGU24 Meeting (Virtual)	Washington, D.C., USA	December 8-13, 2024
64	Dr. Mohit Kumar	29th International Conference on Hydraulics, Water Resources, River and Coastal Engineering.	CWPRS, PUNE	December 18–20, 2024
65	Dr. Mohit Kumar	8th India Water Week Bharat Mandapam, Pragati Maidan, Delhi	Delhi	Sep 17-21, 2024
66	Dr. RR Singh	National Symposium Emerging Technologies in infrastructure development. Smart parking solutions: Enhancing urban mobility	Directorate of Civil Works & Estates DRDO Bhawan Rajaji Marg, New Delhi	Oct 10, 2024
67	Dr. RR Singh	National Seminar and Flying competition- 'DRONEVERSE 2024') in	PEC Chandigarh	March 15-16, 2024
68	Dr. RR Singh	5 th IEEE Indian Council International Subsections Conference - INDISCON- 2024)	PEC Chandigarh	Aug 22-24, 2024
69	Dr. Garry Singla	Sustainable Transitions: Advancing Green Economy Strategies in Changing Climate Scenarios	Amity University, Mohali	9-10, January, 2025

70	Dr. Garry Singla	Attended ASCE International Conference on "Challenges and Innovations for Sustainable Smart Cities (CISSC 2025)"	Chandigarh	7-9, February 2025
71	Dr. Garry Singla	Attended FDP on Research Methodology and research Writings: An Icebreaking Discussion.	Madanapalle Institute of Technology and Science, Madanapalle	Jan 20-24, 2025
72	Dr. Mohit Kumar	National Conference AGMET-2025 Frontier Technologies for Weather and Climate-Based Decisions in Agriculture and Allied Sectors	Jorhat, Assam	February 13-15, 2025
73	Dr. Geeta Arora	National Conference AGMET-2025 Frontier Technologies for Weather and Climate-Based Decisions in Agriculture and Allied Sectors	Jorhat, Assam	February 13-15, 2025
74	Dr. Arshdeep Singh	2 Day seminar on Performance based Design of Tall Building at IIT Roorkee	Roorkee	April 5-6, 2025
75	Dr. Arshdeep Singh, Joint Organizing Secretary	ASCE International Conference, CISSC 2025	Chandigarh	7-9 Feb 2025
76	Yatindra Kumar	GIS & Remote Sensing	IISST Kerala, India.	02.11.2020 to 06.11.2020
77	Yatindra Kumar	Remote Sensing and GIS	KLS Gogte Institute of Technology, Belagavi, Karnataka, India	13.09.2021 to 17.09.2021
78	Yatindra Kumar	2nd International Conference on Future Trends in Materials and Mechanical Engineering (ICFTMME-2022)	SRM Institute of Science and Technology Delhi NCR Campus Ghaziabad, U.P India	19.08.2022 to 20.08.2022
79	Yatindra Kumar	Computer Applications in Water Resources Engineering (CAWRE-2023)	National Institute of Technology, Rourkela, Odisha, India	01.06.2023 to 05.06.2023
80	Yatindra Kumar	Data Analytics using R Programming	ISBR Business School, Bangalore Karnataka, India	25.07.2023 to 31.07.2023
81	Yatindra Kumar	Construction Management and Practices	National Institute of Technology, Patna, Bihar, India	14.08.2023 to 19.08.2023
82	Yatindra Kumar	ICFAMMT-2024: 2nd International Conference on Futuristic Advancements in Materials, Manufacturing and Thermal Sciences	Institute of Infrastructure Technology Research and Management (IITRAM), Ahmedabad, Gujarat, India	19.01.2024 to 21.01.2024
83	Yatindra Kumar	Two Weeks Online Faculty Development Programme on Quantitative and Qualitative Research Methods	Birla Institute of Technology, Mesra, Noida Campus, U.P., India	20.05.2024 to 31.05.2024

84	Yatindra Kumar	Unleashing the Real-World Applications of Artificial Intelligence and Machine Learning	National Institute of Technology, Warangal, Telangana, India	13.01.2025 to 23.01.2025
85	Yatindra Kumar	Applications of MATLAB in Civil Engineering	National Institute of Technology, Warangal, Telangana, India	17.02.2025 to 27.02.2025
86	Dr. Umesh Sharma	Road Safety dialogue cum workshop, Chandigarh	U.T. Guest House, Chandigarh	January 15 th , 2025
87	Dr. Umesh Sharma	Workshop on rectification of accident black spots and consequent reduction of road accidents/fatalities in Punjab, organized by NHAI	MGSIPA, Chandigarh	January 25 th , 2025
88	Dr. Umesh Sharma	Challenges and Innovations for Sustainable Smart Cities, CISSC(2025)	Chandigarh	Feb 7 th -9 th , 2025
89	Dr. Umesh Sharma	5 th International Conference on Civil Engineering and Architecture, 2025	Tokyo, Japan	March 28-31, 2025

Short Term courses Attended (Duration 1 week or more)

Sr. No.	Name of Faculty	Summer School/Winter School /Short Term course with name of organizer and place	Period		Duration
			From	To	
1.	Dr. Har Amrit Singh Sandhu	Advancements in Geospatial Technology	14 th Dec, 2020	18 th Dec, 2020	1 week
2.	Er. Kuldeep Soni	Cable stayed Bridges organized by Indian Association of Structural Engineers	5 th September, 2020	21 st October 2020	(Online)
3.	Prof. Arshdeep Singh	Prospects of Infrastructure development in the construction sector at NIT Jalandhar	22 May 2023	26 May 2023	1 week
4.	Prof. Kuldeep Kumar	Struct and Tie Models in Structural Concrete (Online Course) Indian Association of Structural Engineers	21 st January, 2023	11 th Feb, 2023	(1 Week)
5	Dr. Har Amrit Singh Sandhu	Construction Management, NITTTR Chandigarh	19 th September, 2022	23 rd September, 2022	1Week

6	Dr. Pardeep Gupta	Recent Advances In Freight Transportation/ NIT Calicut	17th July, 2023	22nd July, 2023	1 Week
7	Dr. Pardeep Gupta	Application of MCDM Methods in Logistics and Transportation Engineering (MMLT 2023)	10th July, 2023	15th July, 2023	1 Week
8.	Dr. S.K. Singh	Numerical Modelling for Geotechnical Applications through Plaxis 2D/3D organized by IGS Chandigarh Chapter in collaboration with PEC Chandigarh and IIT Ropar & M/s Innovative Systel, SAS Nagar Mohali	18th, June, 2024	22nd, June, 2024	1 Week
9	Dr.B.Adinarayana	2-weeks online Training on "Satellite Data Analysis with Deep Learning & python" IIT) MADRAS	March 12 2024	March 25, 2024.	2 Week
10	Dr.B.Adinarayana	"NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME" IIT KHARAGPUR	June 19 , 2024	June 28, 2024	1 Week
11	Dr.B.Adinarayana	One-week short-term course on "Advances in Artificial Intelligence and Computing for Robust Engineering Applications"	July 8,2024	July 12, 2024	1 Week
12	Dr. Arshdeep Singh	Prospects development in the construction	22 May 2023	26 May 2023	One week

13	Dr. Arshdeep Singh	UHV-II 18 June 2024	25 June 2024	23rd September, 2022	One week
14	Dr. Arshdeep Singh	Construction Management, NITTTR Chandigarh	19th September, 2022	23 rd September, 2022	One week

Extension/ Extra Mural Lectures by Eminent Engineers/ Scientists

Sr. No.	Name	Designation	Affiliation	Title	Lecture held at (Dept. Name)	Date (Date Format 11 th August, 2021)
1	Dr. S.K. Singh	Professor	PEC	One week Training Program on Application of Space Technology for Landslide hazard, heavy rainfall and floods in northwestern Himalayas (Resource Person)	Dept. of Geology Punjab University, Chandigarh	12 th -17 th February 2024
2	Dr. Siby John	Professor	PEC	Expert Speaker-NBA	NITTTR	8 th September, 2022

(Mention details such as program title, description, duration, resource person, type of training, training methodology, participants, etc.). Mention details separately for the programs organized and the programs participated outside the institution)

4.4 Research and Development (30)

Total Marks 30.00

4.4.1 Sponsored Research (15)

Institute Marks
15.00

Assessment Year : 2024-25 (CAY)

Project Title	Duration	Funding Agency	Amount(in Rupees)
INSPIRE Faculty Fellowship Grant of DST New Delhi	03.10.2022 till 02.10.2027	DST, GOI, New Delhi	11240000.00
Development of a Rational Mix Design Approach for t	01 years 04.10.2023 till 03.10.2024	DST Chandigarh Administration	100000.00
Study on Traffic Control of Pedestrians Crossing Beh	01 years 04.10.2023 till 03.10.2024	DST Chandigarh Administration	100000.00
			Total Amount(X): 11440000.00

Assessment Year : 2023-24 (CAYm1)

Project Title	Duration	Funding Agency	Amount(in Rupees)
EARLY WARNING SYSTEM FOR FLOOD PREDICT	01-08-2019 to 14-03-2023	CDAC Pune	5565000.00
INSPIRE Faculty Fellowship Grant of DST New Delhi	03.10.2022 till 02.10.2027	DST, GOI, New Delhi	11240000.00
The Treatment of Municipal Solid Waste using Black S	29.09.2022 to 28.09.2023	DST, Chandigarh Administration	125000.00
			Total Amount(Y): 16930000.00

Assessment Year : 2022-23 (CAYm2)

Project Title	Duration	Funding Agency	Amount(in Rupees)
Mapping Saturated Hydraulic Conductivity and Water	10/03/2018 till 10/03/2021	SERB, DST, New Delhi	2270000.00
Drought Area Mapping using Geostatistical Modeling /	16/12/2016 till 14/03/2020	SERB, DST, New Delhi	1510000.00
			Total Amount(Z): 3780000.00

Cumulative Amount(X + Y + Z) = 32150000.00

4.4.2 Consultancy (from Industry) (15)

Institute Marks
15.00

Project Title	Duration	Funding Agency	Amount(in Rupees)
Testing of Material (Bricks and Cement Concrete Cul	2023-24	J.E (Civil), FCI, Divisional Office, Sangrur, Punjab	20000.00
Regarding Concrete Design Mix M10 & M 25	2023-24	M/s SSP Promoters & Builders Pvt. Ltd, A-7/18, Pasc	45000.00
Testing of Bricks and Cement Samples	2023-24	Manager (Civil), FCI, District Office, Patiala, Punjab	25000.00
Testing of Material (Bricks, Stone Aggregate and Cer	2023-24	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	50000.00
Soil Investigation for the Construction of 66 KV Sub S	2023-24	Executive Engineer Civil Work Division HVPNL, Panc	175000.00
Vetting of Structural Design/Drawings of the Buildings	2023-24	M/s Tyal Engineering, # 1069, Sector - 37/B, Chandig	60000.00
Vetting of Structural Designs and Structural Stability C	2023-24	M/s Jindal Structural Consultants, Near Shiv Mandir, I	50000.00
Vetting of Structural Design/Drawings of the Commer	2023-24	M/s Singla Builders and Promoter Ltd., Plot No. 1265	50000.00
Vetting/Counter Checking of Construction of Office Bu	2023-24	M/s Chamunda Construction Company, VPO - Indora	50000.00
Vetting of Structural Design/Drawings of the Buildings	2023 - 2024	M/s Chandigarh Educational Society (Regd.), Vill - Jh	270000.00
Proof Checking of Structural Design/Drawings of the I	2023-24	M/s Chawla Structural Design Engineers, Valuers & C	50000.00
Pre-Design of Cement Conrete Roads of FCI Depots	2023-24	AGM (CE), FCI, Regional Office, Punjab,Chandigarh	488000.00
Proof Checking of Structural Design/Drawings of two	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	100000.00
Regarding Concrete Core Cutter Testing	2023-24	M/s Yash Tele Construction Pvt. Ltd., Bibiwal Road, S	10000.00
Vetting of Structural Design/Drawings for Constructio	2023-24	M/s Continental Foundations, Structural Engineer, # 1	50000.00
Vetting of Structural Designs and Structural Stability C	2023-24	M/s Jindal Structural Consultants, Near Shiv Mandir, I	50000.00
Testing of Building Material	2023-24	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	60000.00
Testing of Building Material (Cement Concrete Cube	2023-24	Manager (Civil), FCI, District Office, Patiala, Punjab	45000.00
Counter Checking of Structural Design & Detailed Dr	2023-24	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	65000.00
Testing of Building Material	2023-24	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	16000.00
Vetting of Structural Design/Drawings of various Buil	2023-24	M/s Continental Foundations, Structural Engineer, # 1	80000.00
Vetting of complete Structural Drawings of Building	2023-24	M/s KNG Projects Pvt. Ltd. 23, Jagdish Colony, Rajpu	100000.00
Testing of Track Ballast	2023-24	M/s Aarvee Associates Architects Engineer & Consult	25000.00
Vetting of Design and Drawings of Intake Tank for Irrig	2023-24	M/s Sandeep Kumar Govt Contractor, VPO - Bharmar	50000.00
Vetting/Counter Checking of Design and Drawings of	2023-24	M/s Anurag Deep, VPO - Kanoh, Tehsil- Barsar, Hami	50000.00
Vetting of Design and Drawings of WTP of 1.25 MLD	2023-24	M/s Dogra Construction Co. Pvt. Ltd, Bhoranj, Hamir	80000.00
Regarding Concrete Design Mix M10 M 25 & M 40	2023-24	M/s J.S Synergies Pvt. Ltd., H.No- 1391, Sector -57, G	60000.00
Structural Stability of Various Buildings under PWD D	2023-24	Executive Engineer PWD, Tis Hazari, Delhi Vidhan S	1041900.00
Vetting of Design and Drawings of 10 Nos of Overhea	2023-24	M/s Shree Jee Builders & Contractors, 26, Yashoda K	120000.00
Proof Checking of Structural Design/Drawings Govt. \	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	50000.00

Vetting of Design and Drawings of WTP for Water Supply	2023-24	M/s Thakur Constructions, Shop No.4, Mohan Complex	50000.00
Consultancy Services for Retrofitting Works of Residential Buildings	2023-24	Executive Engineer/CMD-II, HPGCL, Khedar, Hisar, Haryana	150000.00
Testing of PCC Cement Samples	2023-24	SDE, Construction Sub Division - 4, Chandigarh	10000.00
Vetting of Structural Designs and Structural Stability Calculations	2023-24	M/s Jindal Structural Consultants, Near Shiv Mandir, Jind	50000.00
Vetting of Design and Drawings of 1.25 MLD WTP & 1.25 MLD STP	2023-24	M/s RPP-HSEA (JV), Pragpur Main Road, Tehsil - Pragpur, Distt. - Patiala	90000.00
Vetting of Design ETP Raipur Kalan	2023-24	Executive Engineer, SWM Division, M.C Chandigarh	54915.00
Proof Checking of Guest House & Cafeteria at Civil Airport	2023-24	M/s Sudan Consultancy Services, # 185, Prem Nagar	50000.00
Vetting of Structural Design/Drawings of Office Building	2023-24	M/s Himachal Techno Engineers, Near Degree College	60000.00
Vetting of Design and Drawings of Sewerage & Lift Works	2023-24	M/s Lahoty Buildcon Limited, Purana Bazar ROPA, Sirsa	84000.00
Vetting of Design and Drawings of 12+12 Nos of Overhead Tanks	2023-24	M/s GRM Infrastructure Pvt. Ltd., Dehra Khas, Vidhya	255000.00
Proof Checking of Structural Design/Drawings of Prison	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ar	110000.00
Vetting of Design and Drawings of Rain Water Harvesting	2023-24	M/s Thakur Constructions, Shop No.4, Mohan Complex	69152.00
Design Approval for 30 Meter Lattice Tower & 9 Meter	2023-24	M/s Ramboll India Pvt.Ltd, SLN Terminus, # 133, Gurgaon	400000.00
Proof Checking of Drawing for the Construction of Gh	2023-24	Sub Divisional Officer, Jind W/S Sub Division Jind	50000.00
Design Mix of Cement Concrete to be used in Roads and	2023-24	Manager (Civil), FCI, Divisional Office - Patiala, Punjab	111500.00
Vetting of Structural Design/Drawings of Floor Mill Building	2023-24	M/s Vivek Consultants, Architects, Engineers, 1224, Sector	63559.00
Proof Checking of Structural Design/Drawings of Construction	2023-24	Executive Engineer, Panchayati Raj, Public Works, Patiala	50000.00
Vetting of Design and Drawings of various Components	2023-24	M/s R.G. Industries, VPO - Bathri, Tehsil - Dalhousie,	100000.00
Testing of Building Material	2023-24	J.E (Civil), FCI, Divisional Office, Chandigarh	20000.00
Vetting of Structural Design/Drawings of Buildings	2023-24	M/s Girdhari Lal Construction Pvt. Ltd, # - 410, Sector	50000.00
Testing of Building Material	2023-24	J.E (Civil), FCI, Divisional Office, Chandigarh	20000.00
Vetting of Design/Drawings of gates of Escape Channel	2023-24	M/s Tejwant Rai Govt. Contractor, SCF - 44, Model Town	75000.00
Vetting and Approval of Design & Drawings of ETP at	2023-24	Executive Engineer, MCPH Division No. 4, M.C Chandigarh	60000.00
Vetting of Design and Drawings of various Water Supply	2023-24	M/s R G Industries, Ph-II, 44 Jalgran Tabbha, Green Area	50000.00
Proof Checking of Drawing for the Construction of Gh	2023-24	Sub Divisional Officer, Safidon W/S Sub Division PWI	60000.00
Vetting of Design and Drawings of various Components	2023-24	M/s S.S Rana Construction Pvt.Ltd, VPO Amman, Tehsil	50000.00
Vetting of Structural Design/Drawings of Buildings	2023-24	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, N	92500.00
Vetting of Structural Design/Drawings for Construction	2023-24	M/s Abhinav Infratech Pvt Ltd 1st Floor, 5 Ganeshpur	50000.00
Design Mix of Shotcrete M 25 Grade for Civil Works and	2023-24	M/s Ashok Chauhan & Co. Durga Niwas, BCS, New Sector	65000.00
Vetting of Structural Design & Drawings of Commercial	2023-24	M/s Vijay Structure Consultancy, Sushma Building, Okh	50000.00
Testing of Concrete Cores for Compressive Strength	2023-24	M/s Lakhwinder Thakur, Govt. Contractor, Vill - Androl	30000.00

Testing of Samples (Bricks, Cement Plaster & Cemen	2023-24	S.E Quality Control & Vigilance Cell, Developments &	40000.00
Vetting of Design and Drawings of various Componer	2023-24	M/s R.G. Industries, VPO - Bathri, Tehsil - Dalhousie,	50000.00
Vetting of Structrual Design & Drawings of Floor Mill	2023-24	M/s Megastar Foods Ltd, Village- Solkhian, District - F	63559.00
Testing of Materials Tubular Pipes of three different S	2023-24	J.E (Civil), FCI, Divisional Office, Chandigarh	90000.00
Proof Checking of Structural Design/Drawings of Con	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	60000.00
Proof Checking of Structural Design of Old Age Home	2023-24	Executive Engineer, HSVP, Division - Karnal, Haryana	100000.00
Design Mix of Concrete M 10 and M 25 Grade with U	2023-24	M/s Synergy Thrislington, Vill - Beer Plassi, Nalagarh,	70000.00
Design Mix of Concrete M 10 and M 25 Grade with Ai	2023-24	M/s Synergy Thrislington, Vill - Beer Plassi, Nalagarh,	70000.00
Vetting of Design and Drawings of 09 Nos of Overhea	2023-24	M/s Ashok KumarJain,C-3, Jwalapur, Haridwar C/o E:	90000.00
Vetting of Design/Drawings of Storage Tanks and MB	2023-24	M/s R.K. Engineerings Sales Ltd, Near Tihra Mod, Sa	60000.00
Vetting of Design/Drawings and Corresponding Repo	2023-24	DG Naval Projects, O/o of Brig DDG & CE, Naval Bas	350000.00
Vetting of Design/Drawings of Bridge and Elevated R	2023-24	DG Naval Projects, O/o of Brig DDG & CE, Naval Bas	600000.00
TPQA for the Work Construction of Advance Neurosc	2023-24	Hospital Engineer (Constuction) PGIMER, Sector -12	1863729.00
Vetting of Structrual Design & Drawings of Office Con	2023-24	M/s Suman Sharma, ARC D Architects, SCO 45, Sec	60000.00
Proof Checking of Structural Design & Drawings of ve	2023-24	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	80000.00
Vetting of Design & Structural Drawings of 1.98 MLD	2023-24	M/s Ram Lal Thakur, Hydraulic Engineering Company	150000.00
Vetting of Structrual Design & Drawings of IT Office E	2023-24	M/s Seasia Infotech Pvt. Ltd, Plot No. C136, Phase -	135000.00
Vetting of Design and Drawings of Water Storage Tan	2023-24	M/s Dogra Construction Co. Pvt. Ltd, Bhoranj, Hamir	50000.00
Vetting of Design and Drawings of 08 Nos of Overhea	2023-24	M/s Devender Prakash, Dehradun C/o Executive Eng	96000.00
Soil Investigation for Bearing Capacity of proposed C	2023-24	SDE, Divisional Engineer, HSVP, Sub Division No. IV,	100000.00
Vetting of Design and Drawings of various Componer	2023 - 2024	M/s Harjeet Singh Contractor, Jawahar Nagar, Mandi	80000.00
Inspection, Testing and Submission of Report of PQC	2023-24	Senior Manager Engg., HSIIDC, IE, Narwana	25000.00
Vetting of Structrual Design & Drawings of Village Wa	2023-24	M/s Dinesh Kumar Sharma, Government Contractor,	50000.00
Vetting of Structural Design/Drawings of Buildings	2023-24	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	60000.00
Source Strenthening of Various WSS/LWSS under Ja	2023-24	M/s R.G Industries, Village - Fazalpur, Behind Focal F	150000.00
Vetting of Structrual Designs and Structrual Stability C	2023 - 2024	M/s Jindal Structural Consultants, Near Shiv Mandir, I	100000.00
Vetting of Design and Drawings of for OHSR 200 KL	2023 - 2024	M/s R.G Industries, Village - Fazalpur, Behind Focal F	50000.00
Testing of Interlocking Paver Blockof M 30 Grade	2023-24	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	17254.00
Proof Checking of Structural Design and Drawings of	2023-24	M/s Chawla Structural Design Engineers, Valuers & C	80000.00
Proof Checking of Design and Drawings for Rehabilit	2023-24	M/s N.K. Consultancy Pvt. Ltd, # 2111, Urban Estate,	75000.00
Vetting of Structural Design/Drawings of VR Bridge	2023-24	M/s Obtuse Design Studio, 635, Sector - 4, Urban Es	50000.00

Vetting of Design and Drawings of 08 Nos of Overhe	2023-24	M/s Satish Kumar & Co, D-464, Govindpuram, Gazi:	75000.00
Vetting of Structural Design/Drawings of Boys Hostel	2023-24	M/s Satish Kumar Gupta Infra Pvt. Ltd, Darakhhera, Tr	120000.00
Design Mix M 25 of Concrete Grade for Toilet Block a	2023-24	M/s K.P. Singh & Co., C-1/44, Street -19, Khajoori Kh	50000.00
Proof Checking of Structural Design/Drawings of two	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	55950.00
Designing of LTP at Solid Waste Processing Plant, Cl	2023-24	Executive Engineer, SWM Division, M.C Chandigarh	350000.00
Vetting of Design/Drawings of STP of 0.60 MLD for Si	2023-24	M/s Rebound Enviro Tech Pvt Ltd, Ward No. 8, Jawa	50000.00
Vetting of Structural Design/Drawings for Multi-Storey	2023-24	M/s Batish Estate Agency, Bhadson Road, Patiala, Pi	60000.00
Regarding Concrete Cube Testing	2023-24	M/s Yash Tele Construction Pvt. Ltd., Bibiwal Road, S	5000.00
Proof Consultancy of Railway Over Bridge & Retainin	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	50000.00
Testing of DBM Core	2023-24	M/s Gawar Kangra Highways Pvt. Ltd, DSS-378, Sec	20000.00
Vetting of Structural Design/Drawings for Academic, t	2023-24	M/s Chandigarh Educational Society (Regd.), Vill - Jh	218750.00
Vetting of Design/Drawings of Water Storage Tank an	2023-24	M/s Unipro Techno Infrastructure Pvt Ltd Distt. Hamir	60000.00
Testing of Building Material (Cement Concrete Cubes	2023-24	Manager (Civil), FCI, Divisional Office, Patiala, Punja	25000.00
Vetting of Structural Design/Drawings for Nuclear & C	2023-24	M/s Anantvir Autocast Pvt. Ltd, Village - Bhago Majra,	100000.00
Testing of Material and CC Cubes	2023-24	J.E (Civil), FCI, Divisional Office, Sangrur, Punjab	60000.00
Vetting of Structural Design/Drawings of Building	2023-24	M/s Meherban Singh, Govt. Contractor, VPO- Shamsi	100000.00
Vetting of Structural Design/Drawings for Constructio	2023-24	M/s Continental Foundations, Structural Engineer, # 1	115000.00
Vetting of Structrual Designs and Structrual Stability C	2023-24	M/s Jindal Structural Consultants, Near Shiv Mandir, I	100000.00
Third Party Technical Post Audit for the work of Sport	2023-24	Executive Engineer, C.P Division No.4, UT, Chandiga	523600.00
Vetting of Design and Drawings of various Componer	2023-24	M/s Harjeet Singh, Contractors, Jawahar Nagar, Man	50000.00
Vetting of Structural Design/Drawings of Girls Hostel I	2023-24	M/s Bachitter Singh Associates, # 1514, Sector - 7C,	50000.00
Proof Checking of Structural Design & Drawings of ve	2023-24	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	140000.00
Designing of Major Bridges in for construction of new	2023-24	Dy Chief Engineer/Const. I, Northern Railways, Chan	2006705.00
Examination of Samples Civil Works	2023-24	OSD Vigilance Cell, Sector -9, UT Chandigarh	15000.00
Proof Checking of Structural Design/Drawings of Buil	2023-24	M/s Chawla Structural Design Engineers, Valuers & C	125000.00
Vetting of Design and Drawings of 08 Nos of Overhe	2023-24	M/s M.R. Engineers & Contractors, 254 Doon Vihar	50000.00
Vetting of Structural Design/Drawings of Building	2023-24	M/s M & M Ropeways, # 753, Sector -9, Saidpura, De	50000.00
To conduct the road safety Audit of Project Highways	2023-24	Project Director, National Highways Authority of India,	763210.00
To conduct the road safety Audit for 4 laning of Roads	2023-24	Project Director, National Highways Authority of India,	923486.00
Proof Checking of Structural Design/Drawings of Prin	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	61000.00
Vetting of complete Structrual Drawings of Building	2023-24	M/s KNG Projects Pvt. Ltd. 23, Jagdish Colony, Rajpu	60000.00

Proof Checking of Structural Design/Drawings of IT B	2023-24	M/s Antarctica Industries C/o Ludhiana Steels, Dhand	63559.00
Proof Checking of Structural Design/Drawings of IT B	2023-24	M/s Antarctica Industries C/o Ludhiana Steels, Dhand	63559.00
Vetting of Structural Design/Drawings of Cancer Hosp	2023-24	M/s Shapoorji Pallonji and Company Pvt. Ltd, A-40, Ir	400000.00
Vetting of Structural Design/Drawings of 4 No. Comm	2023-24	Executive Engineer, Panchayati Raj, Public Works, P.	50000.00
Vetting of Structural Design/Drawings of Multi Level A	2023-24	Executive Engineer, Civil Works Division, HVPNL, Pa	60000.00
Third Party Technical Post Audit for the work of const	2023-24	Executive Engineer, C.P Division No. 5, UT, Chandigar	650000.00
TPI of Overhead Tanks for Water Supply Scheme	2023-24	M/s GRM Infrastructure Pvt. Ltd., Dehra Khas,Vidhya	50000.00
Vetting of Design and Drawings of various Componer	2023-24	M/s Vishwa Infrastructures and Services Pvt. Ltd, Nar	50000.00
Carrying out Design Mix of Grade M30, M25, M20, M	2023-24	M/s Larsen and Toubro Limited C/o Nabha Power Lir	150000.00
Vetting of Design/Drawings of various Structures of V	2023-24	M/s National India Construction Company, Damtal, Te	50000.00
Proof Checking of Complete Structural Drawings of B	2023-24	M/s NG Estate (Chaster Hills), Gaurav Bhawan, Solai	60000.00
Proof Checking of Structural Design/Drawings of IT B	2023-24	M/s Sushma Grande, E-1301, Zirakpur, SAS Nagar, F	110000.00
Vetting of Structural Design/Drawings of Teaching Bld	2023-24	M/s Bachitter Singh Associates, # 1514, Sector - 7C,	50000.00
Proof Checking of Structural Design/Drawings of IT B	2023-24	M/s PV Industries, Village - Alour, Khanna, Punjab	85000.00
M-40 Design Mix for CC Road	2023-24	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	100000.00
Vetting of Structural Design of Tensile Fabric Canopy	2023 - 2024	M/s Punjab Cricket Association, Sector -63, Mohali, P	50000.00
Vetting of Different Components for Providing Irrigatic	2023-24	M/s Punjab Irrigation and Farm Solutions, PO - Maha	100000.00
Examination of Samples Civil Works	2023-24	OSD Vigilance Cell, Sector -9, UT Chandigarh	30000.00
Testing of Ceramics Tiles and Granite to be used Buil	2023-24	M/s Girdhari Lal Construction Pvt. Ltd, # - 410, Sector	60000.00
Vetting of Structural Design/Drawings of Multi Storey	2023-24	M/s Batish Estate Agency, Bhadson Road, Patiala, Pt	85000.00
Vetting of Design & Drawings of Underground Water	2023-24	M/s Abhinav Infratech Pvt Ltd, 2nd Floor, Plot No. 13	50000.00
Vetting of Structural Design of Currency Chest	2023-24	M/s HDFC Bank Limited, SCO-19, Phase 7, Mohlai	70000.00
Providing Irrigation Facility under HP Shiva Project	2023-24	M/s R.G. Industries, Ph.- II, Jalgran Tabba, Green Ave	50000.00
Vetting of Design and Drawings of various Componer	2023-24	M/s Gantantar Thakur, Government Contractor, VPO-	80000.00
Providing Irrigation Facility under HP Shiva Project	2023-24	M/s R.G. Industries, Ph.- II, Jalgran Tabba, Green Ave	50000.00
Providing Irrigation Facility under HP Shiva Project	2023-24	M/s R.G. Industries, Ph.- II, Jalgran Tabba, Green Ave	200000.00
Examination of Samples Civil Works	2023-24	OSD Vigilance Cell, Sector -9, UT Chandigarh	30000.00
Regarding Concrete Cube Testing of Clear Water Res	2023-24	M/s Vindhya Telelinks Limited, E-237, Phase 8B, Indu	5000.00
Vetting of Structural Design/Drawings of Buildings	2023-24	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	70000.00
Proof Checking of Structural Design/Drawings of Bui	2023-24	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	57000.00
Vetting of Structural Design/Drawings of Buildings	2023-24	Executive Engineer, HVPNL, Panchkula	150000.00

Vetting of Structural Design/Drawings of Water Treatr	2023-24	M/s H.L.Handa & Company, H.No. 30, Sector -17, Url	60000.00
Consultancy Services for Road Project	2023-24	M/s L.N. Malviya Infra Projects Pvt. Ltd, P.O - Kuthera	211864.00
Proof Checking of Structural Design/Drawings of IT B	2023-24	M/s Allengers Medical Systems Ltd, Derabassi, SAS I	260000.00
Proof Checking of Structural Design/Drawings of IT B	2023-24	M/s Institute of Research Engineers & Doctors Pvt. Lt	115000.00
Vetting of Structural Design/Drawings of 30M High Mk	2023-24	M/s SMS Design Consultants Pvt. Ltd, Sec-8, Jasola	80000.00
Vetting of Design/Drawings of various Structures of V	2023-24	M/s National India Construction Company, Damtal, Te	50000.00
Vetting/Counter Checking of Design and Drawings of	2023-24	Executive Engineer, Water Supply & Sanitation Div. N	125000.00
Vetting/Counter Checking of Design and Drawings of	2023-24	M/s Unipro Techno Infrastructure Pvt Ltd Distt. Hamir	90000.00
Testing of Splicing Mechanical Couplers	2023-24	M/s RAMACIVIL India Construction Pvt. Ltd. H.No. 11	32000.00
Proof Checking of Structural Design & Drawing	2023-24	Executive Engineer, Flyover Project Division, F-21, P	325424.00
Providing Irrigation Facility under HP Shiva Project	2023-24	M/s R.G. Industries, Phase-II, Jalgran Tabba, Green /	50000.00
Providing Irrigation Facility under HP Shiva Project	2023-24	M/s R.G. Industries, Phase-II, Jalgran Tabba, Green /	50000.00
Providing Irrigation Facility under HP Shiva Project	2023-24	M/s R.G. Industries, Phase-II, Jalgran Tabba, Green /	50000.00
Vetting of Design/Drawings of Various Components o	2023-24	M/s Tayal Engineering, # - 1069, Sector - 37/B, Chan	70000.00
Vetting of Hydraulic, Structural Design and Drawings	2023-24	M/s S.K. Sharma, Contractors & Engineers, Khawara	50000.00
Proof Checking/Vetting for work of Upgradation of Ro	2023-24	M/s Unicon Builders & Contractors, Barnala, Punjab	50000.00
Proof Checking/Vetting of Design & Drawings of High	2023 - 2024	M/s Pflex Packaging Pvt. Ltd, Hadbast 217, Vill - Hira	80000.00
Up-Gradation of Stadium	2023-24	Executive Engineer, Provincial Division No.1, PWD B	1250000.00
Vetting of Structural Drawings of Various Buildings	2023-24	Executive Engineer, Jammu Division, CPWD, Satwari	100000.00
Geo-Referencing of Cadastral Maps under Project DI	2023-24	Chairman (CLRMS) -cum- Deputy Commissioner U.T	288559.00
Testing of Steel Fe 500D of Various Diameters for Co	2023-24	M/s Unipro Central Park, Kasumpti, Shimla, HP C/o F	100000.00
Up-Gradation of Stadium	2023-24	M/s Singhal Group of Engineers, 60, Sethi Enclave, A	50000.00
Tesing of Material	2023-24	J.E (Civil), FCI, Divisional Office - Gurdaspur, Punjab	30000.00
Proof Checking of Structural Design & Drawing of Bui	2023-24	M/s Gagandeep Singh, Govt. Contractor, Bathri, Una,	50000.00
Vetting of Design and Drawings for SITC of 3.5 MLD :	2023-24	M/s Hydrotech Paryavaran (India) Pvt. Ltd, Phase -8,	50000.00
Vetting of Design and Drawings for SITC of 3.5 MLD :	2023-24	M/s Hydrotech Paryavaran (India) Pvt. Ltd, Phase -8,	85000.00
Vetting of Design/Drawings of Various Components o	2023-24	M/s RPP-HSEA (JV), Pragpur Main Road, Tehsil - Pr	250000.00
Vetting of Design and Drawings of RCC Culverts	2023-24	Municipal Council, Ambala Sadar, Haryana	200000.00
Testing of Building Material	2023-24	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	40000.00
Structural Stability Audit of Buiding	2023-24	M/s Eastman Cast & Forge Ltd, Flat No.101, Naraina	50000.00
Vetting of Structural Design & Drawings of Fixed Whe	2023-24	M/s S.S. India Contractor, Urf Nangal, Saharanpur, U	50000.00

Vetting of Design/Drawings of Source Strengthening :	2023-24	M/s MNBN Enterprises, Anita Bhawan, IPH Colony, B	50000.00
Design Mix of Concrete M10 and M25 Grade for Con:	2023-24	M/s Dinesh Kumar, Government Contractor, Garg Niv	100000.00
Testing of Rock Samples	2023-24	M/s Synergy Thrislington, Vill - Beer Plassi, Nalagarh.	30000.00
Proof Checking of Structural Design & Drawing of Ho:	2023-24	M/s J.C. Technocrats Pvt. Ltd., SCF-9, Vikas Vihar, Ai	156800.00
Consultancy Services for Preparation of Detailed Des	2023-24	M/s J.C. Technocrats Pvt. Ltd., SCF-9, Vikas Vihar, Ai	50000.00
Vetting of Structural Design/Drawings of Commercial	2023-24	M/s Sabhya Infrastructure Limited, VIP Road, Zirakpu	90000.00
Vetting of Design & Drawings of Harvesting Structure	2023-24	M/s Unipro Techno Infrastructure Pvt Ltd, Anu, Distt. I	50000.00
Vetting /Counter Checking of Drawings of Pump Hous	2023-24	M/s Hill Construction and Engineering Co., Sunny Sid	50000.00
Proof Checking of Structural Design & Drawing of Lac	2023-24	M/s J.C. Technocrats Pvt. Ltd., SCF-9, Vikas Vihar, Ai	51475.00
Vetting of Road Design	2023-24	Assistant Engineer, Chandigarh Sub Division-IX, CPV	20000.00
Testing of Bricks, Cement, Steel Bars, Water, Coarse	2023-24	Manager Civil, FCI, Moga District Office, Moga	108000.00
Vetting of Structural Design/Drawings of BDPO Buildi	2023-24	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	250000.00
Vetting of Structure Drawings & Structural Stability Ce	2023-24	M/s Jindal Structural Consultants, Near Shiv Mandir, I	50000.00
Vetting of Structural Drawings of Various Buildings	2023-24	Executive Engineer, Jammu Division, CPWD, Satwari	16949.00
Vetting of Design/Drawings of 6.15 MLD Water Treatr	2023-24	M/s R.K. Engineerings Sales Ltd, Near Tihra Mod, Sa	100000.00
Vetting of Design/Drawings of Various Components o	2023-24	M/s Lahoty Buildcon Limited, Purana Bazar ROPA, S	80000.00
Vetting of Design/Drawings of Various Components o	2023-24	M/s Gantantar Thakur, Government Contractor, VPO-	50000.00
Plan for Storm Water System of Ambala Town	2023-24	Superintending Engineer, Public Health Engineering I	100000.00
Vetting of Design & Drawings of Main Storage Tanks	2023 - 2024	M/s National India Construction Company, Damtal, Te	60000.00
Vetting of Design/Drawings of 02 Nos Over Head Wai	2023-24	M/s Goyal & Sons, 5 Gulab Baag, Kankhal, Haridwar,	50000.00
Vetting of Design/Drawings of Pump House at Variou:	2023-24	M/s Mahalaxmi Construction Company, Sector -23, B	50000.00
Inspection at Anand Enclave Ludhiana	2023 - 2024	M/s Anand Enclave Developers Pvt. Ltd., Pakhowal F	200000.00
Vetting of Structural Design & Drawings of various co	2023-24	M/s Vijay Structure Consultancy, Sushma Building, O	50000.00
Project Assessment Report for Occupation Certificate	2023-24	M/s T-Med Technologies Pvt. Ltd., Plot No.A-15, Ind. .	329656.00
Vetting of Structural Design & Drawings of buildings	2023-24	M/s Vijay Kumar Soni, Govt. Contractor, Ward No. 6, I	50000.00
Appointment of Structural Engineer for Assissing dam:	2023-24	Administrator, HSVP, Panchkula	500000.00
Proof Checking of Structural Design & Drawing of HP	2023-24	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	50000.00
Consultancy Services for Preparation of Detailed Des	2023-24	M/s J.C. Technocrats Pvt. Ltd., SCF-9, Vikas Vihar, Ai	100000.00
Proof Checking of Structural Design of Bridge	2023-24	Executive Engineer, Punjab Mandi Board, SAS Nagar	50000.00
Vetting of Design/Drawings of various Bridges	2023 - 2024	M/s Design Line Consultancy Services Pvt. Ltd, Advo	150000.00
Proof Checking of Structural Design and Detailed Dra	2023-24	M/s N_Design Infra, SCF-27, Sector -54, SAS Nagar,	60000.00

Assesment of Structural Stability of Flyover	2023-24	Project Director, NHAI, Unit Ambala, #-16, Prem Nag:	50000.00
Structure Design for the Construction of Proposed M	2023-24	SDE, Sub Division No. 8, Chandigarh	1900000.00
Job Mix Formula for DBM, BC, DLC & PQC for Impro	2023 - 2024	Sub Divisional Engineer, Provincial Sub Division No. :	94000.00
Inspection, Testing and Submission of Report of PQC	2023-24	Senior Manager Engineering, HSIIDC, IE, Narwana	200000.00
Design Mix for Improvement of Road	2023-24	M/s Sarvodya Infracon Pvt. Ltd, Sector -4, Rewari C/c	125000.00
Valuation of House No. 215, Sector - 6, Panchkula	2023-24	M/s Hreesh Kainth, J.Sagar B-303, Ansal Plaza, Hudc	100000.00
Proof Checking and Vetting of Drawings of Gates and	2023-24	SDE, Water Supply Division, Jui, Bhiwani	50000.00
Proof Checking and Vetting of Drawings of Gates and	2023-24	M/s Radhey Shyam Contractor, # 1687, Sector -46, G	50000.00
Vetting/Counter Checking of Design & Drawings of S	2023-24	Executive Engineer, IPH Division No. 1, Una	50000.00
Vetting of Structural Design/Drawings of BDPO Buildi	2023-24	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	750000.00
Vetting of Design/Drawings of Bridge	2023-24	M/s Spunpipe & Construction Company (Baroda) Pvt	50000.00
M-25 Mix Design for Upgradation of Water Works	2023-24	M/s Spunpipe & Construction Company (Baroda) Pvt	50000.00
To conduct the road safety Audit of Project Highways	2023-24	Project Director, National Highways Authority of India,	763210.00
To conduct the road safety Audit for 4 laning of Roads	2023-24	Project Director, National Highways Authority of India,	923486.00
Vetting of Design of Parapet Wall for Storage and Ser	2023-24	SDE, Public Health Engineering, Sub Division No. 1, '	75000.00
Regarding Concrete Mix Design of M 25 and M 30 Gr	2023-24	M/s Vindhya Telelinks Limited, E-237, Phase 8B, Indu	60000.00
Vetting of Design/Drawings of Sewage Treatment Pla	2023-24	M/s Dogra Construction Co. Pvt. Ltd, Bhoranj, Hamirp	50000.00
Vetting of Structural Design & Drawings of RCC Fram	2023-24	M/s Structural Studio, 2307, Housefed Complex, Ban	150000.00
Vetting/Counter Checking of Design & Drawings of V	2023-24	M/s SpaceX Supply Chain Solutions LLP, Village - Ba:	50000.00
Vetting of Design/Drawings of Sewage Treatment Pla	2023-24	M/s Hydrotech Paryavaran (India) Pvt. Ltd, Phase -8,	59322.00
Vetting of Structural Design & Drawings for various C	2023-24	M/s Jindal Structural Consultants, Near Shiv Mandir, I	100000.00
Proof Checking of Structural Design & Drawing of Ins	2023-24	M/s Vishal Rana Govt. Contractor, Bhoranj, Hamirpur	50000.00
Vetting of Different Components for Providing Irrigatic	2023-24	M/s Competent Associates, 116/9, Bhojpur, Sunder N	50000.00
Testing of Cement for FSD Nawanshahar	2023-24	J.E (Civil), FCI, Divisional Office, Jalandhar, Punjab	50000.00
Project Assessment Report for partial completion of Ir	2023-24	M/s Ortech Textiles Pvt. Ltd, Plot No. A-18, Ind. Area,	97706.00
Vetting/Counter Checking of Design & Drawings of V	2023-24	M/s Unipro Techno Infrastructure Pvt. Ltd, P.O. Dughe	50000.00
Third Party Design Audit of the Structural Designs of I	2023-24	Dy General Manager/Project, RLDA, Delhi	1200000.00
Testing of Bricks, Cement, Coarse Sand and Stone A	2023-24	J.E (Civil), FCI, Divisional Office, Amritsar, Punjab	80000.00
Vetting of Design/Drawings of Residential Colony	2023 - 2024	M/s Exotic Commercial Pvt. Ltd, Beantpura, Samrala	150000.00
Vetting of Design/Drawings of Tensile Canopy of Airp	2023-24	M/s Pavee Construction, Main Street, Gonder, Karnal	80000.00
Vetting of Structural Design/Drawings of Showroom B	2023-24	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	55000.00

Concrete Design Mix of M10, M25 & M30 Grade	2023-24	M/s R.K. Gupta & Co. 12 C Extension, Balmiki Chowk	70000.00
Project Assessment Report for Partial Completion of I	2023-24	M/s Manav Mangal Society (Reg.), Sector - 21 C, Cha	316267.00
Proof Checking of Structural Design & Detailed Drawi	2023-24	M/s N_Design Infra, SCF-27, Sector -54, SAS Nagar,	84000.00
Vetting/Counter Checking of Design & Drawings of V	2023-24	M/s S.S. Rana Construction Pvt. Ltd, VPO- Amman, 1	50000.00
Preparation of Design Mix M-30	2023-24	Superintending Engineer, Vigilance Circle, Irrigation 8	50000.00
Vetting of Structural Design and Drawings of various I	2023-24	M/s Continental Foundations, Structural Engineer, # 1	120000.00
Vetting of Design and Drawings of Rejuvenation and I	2023-24	M/s Rebound Enviro Tech Pvt.Ltd, Ward No.8, Jawah	50000.00
Water Proofing at Podium Level of the Bus Stand	2023-24	Executive Engineer, C.P. Division No. 1, Chandigarh	50000.00
Vetting of Structural Design and Drawings RCC Arch	2023-24	M/s Ankush Engineers & Contractors Pvt. Ltd, Dharar	50000.00
Vetting of Design and Drawings of Source Strengtheni	2023-24	M/s Anurag Deep, VPO - Kanoh, Tehsil- Barsar, Hami	50000.00
Vetting of Design and Drawings of underground Wate	2023-24	M/s Trident Hills Pvt. Ltd, Sector -4, Pinjore, Panchku	80000.00
Regarding Structural Vetting of Rain Water Harvestin	2023-24	M/s Om Prakash Sharma, Govt. Contractor, Vill - Kan	60000.00
Proof Consultancy for Checking of Structural Design :	2023-24	M/s J.C. Technocrats Pvt. Ltd., SCF-9, Vikas Vihar, Ai	138400.00
Vetting of Structural Design and Drawings of Governr	2023-24	M/s Sukhija & Associates, A 3, R-303, DLF New Cha	70000.00
Vetting of Structural Drawings and Design of Hospital	2023-24	M/s Virinchie Hygen Engineering Consultant Pvt. Ltd,	50000.00
Vetting of Structural Design and Drawings of various I	2023-24	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	254900.00
Regarding Structural Vetting of Rain Water Harvestin	2023 - 2024	M/s Ram Krishan Chandel, Govt. Contractor, P.O. Mit	60000.00
TPQA for the Development of Residential Colony	2023 - 2024	M/s Exotic Commercial Pvt. Ltd, Beantpura, Samrala	150000.00
Vetting of Structural Design/Drawings of Showroom B	2023 - 2024	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Proof Checking & Consultancy for Design & Drawings	2023 - 2024	M/s Gold Town Infra LLP c/o Chawla Structural Desig	52542.00
Technical Post Audit Work for Construction of New Se	2023 - 2024	Executive Engineer, C.P. DivisionNo. 5, Chandigarh	1200000.00
Third Party Technical Post Audit of the Extension of H	2023 - 2024	SDE Const. Sub Division No. 6, Sector -12, Chandige	1125770.00
Vetting/Proof Checking of Design and Drawings relati	2023 - 2024	M/s Bharatiya Vidya Bhavan, Omaxe New Chandigar	75000.00
Examining and Analysis of Material	2023 - 2024	J.E (Civil), FCI, Divisional Office - Jalandhar, Punjab	20000.00
Consultancy Services for Retrofitting Works of Reside	2023 - 2024	Executive Engineer/CMD-II, HPGCL, Khedar, Hisar, H	1350000.00
Examining and Testing of Brick Samples	2023 - 2024	J.E (Civil), FCI, Divisional Office - Hoshiarpur, Punja	30000.00
Testing of Material for Design Mix M 25	2023 - 2024	M/s R.D. Bansal, # - 303, GHS-88, Sector - 20, Pancl	20000.00
Pre-Design of Cement Concrete Roads of FCI Depots	2023 - 2024	AGM (CE), FCI, Regional Office, Punjab,Chandigarh	488000.00
Testing of Track Ballast	2023 - 2024	M/s Aarvee Associates Architects Engineer & Consult	25000.00
Design Mix of Cement Conrete to be used in Roads c	2023 - 2024	Manager (Civil), FCI, Divisional Office - Patiala, Punj	111500.00
Proof Consultancy of Railway Over Bridge & Retainin	2023 - 2024	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	50000.00

Testing of DBM Core	2023 - 2024	M/s Gawar Kangra Highways Pvt. Ltd, DSS-378, Sec	20000.00
To conduct the road safety Audit of Project Highways	2023 - 2024	Project Director, National Highways Authority of India,	763210.00
To conduct the road safety Audit for 4 laning of Roads	2023 - 2024	Project Director, National Highways Authority of India,	923486.00
Geo-Referencing of Cadastral Maps under Project DI	2023 - 2024	Chairman (CLRMS) -cum- Deputy Commissioner U.T	288559.00
Vetting of Road Design	2023 - 2024	M/s T-Med Technologies Pvt. Ltd., Plot No.A-15, Ind. .	329656.00
Assesment of Structural Stability of Flyover	2023 - 2024	Project Director, NHAI, Unit Ambala, #-16, Prem Nag:	50000.00
Structure Design for the Construction of Proposed Mu	2023 - 2024	SDE, Sub Division No. 8, Chandigarh	1900000.00
Job Mix Formula for DBM, BC, DLC & PQC for Impro	2023-2024	Sub Divisional Engineer, Provincial Sub Division No. :	94000.00
Inspection, Testing and Submission of Report of PQC	2023-2024	Senior Manager Engineering, HSIIDC, IE, Narwana	200000.00
Design Mix for Improvement of Road	2023-2024	M/s Sarvodya Infracon Pvt. Ltd, Sector -4, Rewari C/c	125000.00
To conduct the road safety Audit of Project Highways	2023-2024	Project Director, National Highways Authority of India,	763210.00
To conduct the road safety Audit for 4 laning of Roads	2023-2024	Project Director, National Highways Authority of India,	923486.00
Testing of Cement for FSD Nawanshahar	2023-2024	J.E (Civil), FCI, Divisional Office, Jalandhar, Punjab	50000.00
Project Assessment Report for partial completion of Ir	2023-2024	M/s Ortech Textiles Pvt. Ltd, Plot No. A-18, Ind. Area,	97706.00
Preparation of Design Mix M-30	2023-2024	Superintending Engineer, Vigilance Circle, Irrigation &	50000.00
Water Proofing at Podium Level of the Bus Stand	2023-2024	Water Proofing at Podium Level of the Bus Stand	50000.00
Examining and Analysis of Material	2023-2024	J.E (Civil), FCI, Divisional Office - Jalandhar, Punjab	20000.00
Examining and Testing of Brick Samples	2023-2024	J.E (Civil), FCI, Divisional Office - Hoshiarpur, Punjat	30000.00
Vetting of Road Design	2023-2024	Assistant Engineer, Chandigarh Sub Division-IX, CPV	20000.00
			Total Amount(X): 48402030.00

Project Title	Duration	Funding Agency	Amount(in Rupees)
Vetting of Structural Design/Drawings of RCC Bound	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Proof Checking of Structural Design & Drawing	2022-2023	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	98247.00
Testing of Concrete Cubes of M 35 & M 45 Grade	2022-2023	M/s Navodaya Infrastructure Nirman (P) Ltd., Shed N	50000.00
Transverse Bending Strength Test of Kerb Stones	2022-2023	M/s WAPCOS Limited, SCO - 302, 1st Floor, Sector-	10000.00
Testing of Material of Development of Road and Park	2022-2023	Divisional Engineer (HQ) GLADA, Ludhiana, Punjab	15000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Jagdish Chand Gupta, Engineers & Contractors,	50000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Designroots, Civil & Structural Engg. Consultant,	60000.00
Testing of various dia of Reinforcement (TMT Steel) 8	2022-2023	SDE, C-10, Sub Division, Timber Market, Sector - 26,	80000.00
Testing of Samples of Construction Materials	2022-2023	Executive Engineer, Haryana Tourism Corporation Ltd	21000.00
Vetting of Design/Drawings of Bridge	2022-2023	Executive Engineer, Punjab Mandi Board, Barnala, Pi	500000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Shivom Engineers Associates Pvt. Ltd., H.No. 57	100012.00
Testing of Cement Samples	2022-2023	SDE, Construction Sub Division - 4, Chandigarh	10000.00
Testing of Bricks, Concrete Cubes, Cement Concrete	2022-2023	M/s A.S. Enterprise, New Apple Mandi, Pinjore C/o SI	24000.00
Testing of Material Samples	2022-2023	SDE, Construction Sub Division - 4, Chandigarh	40000.00
Vetting of Design/Drawings of Bridge	2022-2023	M/s Ankush Engineers & Contractors Pvt. Ltd., Dhara	90000.00
Vetting of Design/Drawings of Bridge	2022-2023	M/s Ankush Engineers & Contractors Pvt. Ltd., Dhara	60000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Jagdish Chand Gupta, Engineers & Contractors,	100000.00
Vetting of Design/Drawings of RCC Aqueduct, Trench	2022-2023	M/s BDS Construction, VPO - Dari, Tehsil - Dharamst	250020.00
Vetting of Design/Drawings of Bridge	2022-2023	M/s Civilified Infra Consutant Pvt. Ltd., Swastik Vihar,	115000.00
Concrete Mix Design M - 50	2022-2023	M/s Deepak Builders, FF 2267/3, Flat No. 4, Old Delh	50000.00
Vetting of Structural Design/Drawings of Foot Over Br	2022-2023	M/s C & E Consultancy, Chauhan Building, Sanjauli, †	60000.00
Testing of Bitumen Samples	2022-2023	M/s Ghotra Construction, Baldev Nagar, Ambala C/o †	30000.00
Testing of Concrete Cubes of M 35 & M 45 Grade	2022-2023	M/s Navodaya Infrastructure Nirman (P) Ltd., Shed N	50000.00
Third Party Technical Post Audit Work for Reconstructi	2022-2023	Executive Engineer, C.P Division No. - 5, Chandigarh	48305.00
Third Party Technical Post Audit Work for Contruction	2022-2023	Executive Engineer, C.P Division No. - 5, Chandigarh	401197.00
Vetting of Structural Design/Drawings	2022-2023	M/s Malwa Projects Pvt. Ltd., Vill - Chatt, Dera Bassi,	325000.00
Testing of Material to be used in Green Belts of Aeroc	2022-2023	SDE (Horticulture) GAMADA, SAS Nagar, Mohali	50000.00
Proof Checking of Structural Design/Drawings	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	61608.00
Proof Checking of Structural Design/Drawings highris	2022-2023	M/s B.M Gupta Developers Pvt. Ltd, Elegant City, Sec	400000.00
Design Mix M-30 & M-40 for RCC Work (Pumpable)	2022-2023	M/s Singla Constructions Ltd, # 196, Sec - 16 A, Char	65000.00

Vetting of Structural Design/Drawings of Sewage Tre	2022-2023	M/s Eco Tech Engineering Co. Plot No. 109, Bhagwai	100000.00
Vetting of Structural Design/Drawings	2022-2023	M/s ASC Builders Pvt. Ltd, Hari Singh Complex, G.T I	50000.00
Vetting of Structural Design/Drawings	2022-2023	Executive Engineer, Housing Board Haryana, Panchk	25000.00
Structural Stability Certificate of Dairy Processing Uni	2022-2023	M/s M C Foods, Bagha Purana Road, Nihal Singh We	65000.00
Proof Checking of Structural Design of Building	2022-2023	M/s National Engineering Projects Consultants, # 150	50000.00
Vetting of Structural Design/Drawings for Developme	2022-2023	Executive Engineer, Municipal Corporation, Ambala C	50000.00
Vetting of Structural Design/Drawings for Constructio	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	150000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Renu Khanna & Associates, H. No - 138, Sec - 11	50000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Orbit Apartment Construction Pvt. Ltd, VIP Road,	127805.00
Design of RCC Overhead Reservoir of 50000 Gallon	2022-2023	Chief Engineer, MES, Jalandhar Zone, Jalandhar Car	130000.00
Testing of Cores of Concrete Rorad for the Wrok of U	2022-2023	M/s P.P Enterprises Jalandhar C/o SDE PSIEC Path	15000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	55000.00
Vetting of Structural Design/Drawings	2022-2023	M/s OBTUSE DESIGN STUDIO, SOHO-401, Block B	120000.00
Testing of Concrete Cubes of M 35 & M 45 Grade	2022-2023	M/s Navodaya Infrastructure Nirman (P) Ltd., Shed N	10000.00
Detailed TPQA for the work of Extension of Ashram F	2022-2023	Ext. Engineer, Flyover Project Division F-31, Sub-Div.	2581703.00
Proof Checking of Structural Design/Drawings	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	52364.00
Proof Checking of Structural Design & Drawing	2022-2023	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	64000.00
Testing of Concrete Cubes	2022-2023	M/s Shri Ganesh Constructions, 6/700, Bhiwadi, Alwa	25000.00
Vetting of Structural Design/Drawings for Constructio	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	150000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Jagdish Chand Gupta, Engineers & Contractors,	200000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Om Vir Singh, "AA" Class Contractor & Engineer	50000.00
Vetting/Proof Checking of Structural Design/Drawings	2022-2023	M/s KNG Projects Pvt. Ltd. 23, Jagdish Colony, Rajpu	70000.00
Vetting of Structural Drawings of Various Sheds	2022-2023	M/s Madhav KRG HRC Pvt. Ltd, Aggarwal Millenium	460000.00
Counter Checking of Structural Design & Detailed Dr	2022-2023	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	67664.00
Third Party Technical Post Audit Work for Revilalizatic	2022-2023	Executive Engineer, C.P Division No. - 6, Chandigarh	130235.00
Proof Checking of Structural Design/Drawings of Brid	2022-2023	M/s V.K Gupta & Associates, River BeaS, Vill - Sandh	50000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Renu Khanna & Associates, H. No - 138, Sec - 11	350000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	120000.00
Design Mix of Concrete Grade M30	2022-2023	M/s S R Ashok & Associates Ltd, New Delhi C/o Tech	60000.00
Testing of Reinforced Barbed Tape (RBT)	2022-2023	AC (Works)/AE HQ SDG BSF (WC) Chandigarh	8000.00
Proof Checking of Structural Design/Drawings of vari	2022-2023	M/s N K Consultancy Pvt. Ltd, # 2111, Urban Estate, ,	60000.00

Testing of various Building Material	2022-2023	M/s A S Enterprises, War Mamorial Building, GT Road	82000.00
Regarding Repair/Rehabilitation/Renovation of office	2022-2023	SDM cum Administrator, Market Committee, Sector -2	200000.00
Examination of Civil Work Samples	2022-2023	OSD Vigilance Cell, Sector -9, UT Chandigarh	30000.00
Concrete Cubes of M 20, M 25 & M 30 Grade	2022-2023	M/s VTL-VRS Joint Venture, Jawahar Market, Nangal	95000.00
Providing of Structural Design of 11M & 9M high PCC	2022-2023	SE Civil Construction Circle, UHBVN, Panchkula	600000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Examination of Civil Work Samples	2022-2023	OSD Vigilance Cell, Sector -9, UT Chandigarh	30000.00
Testing of Slab-Load Test of Slab at Govt School, Ch	2022-2023	SDE Const. Sub Division No. 6, UT Chandigarh	20000.00
Assessment of Structural Safety of Cycle Stand in Gc	2022-2023	SDE Const. Sub Division No. 6, UT Chandigarh	50000.00
Proof Checking of Structural Design/Drawings of Res	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, A	57956.00
Proof Checking of Structural Design & Drawing	2022-2023	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	70000.00
Vetting of Structural Design/Drawings of Building	2022-2023	M/s Jeet Rai Industries Pvt Ltd, Jeet Rai Cottage, Pra	170000.00
Testing of Cubes and Flexural Beams for Road Work	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punja	15000.00
Vetting of Structural Design/Drawings of Bus Stand	2022-2023	M/s C & E Consultancy, Chauhan Building, Sanjauli, S	65000.00
Testing of Material for providing Design Mix Formula	2022-2023	M/s R.K Construction, # 274/1, Sector - 55A, Chd. C/h	30000.00
Vetting of Structural Design/Drawings of Ethanol Pro	2022-2023	M/s PancarboTreenfules Pvt. Ltd, 1897-D, Arya Sam	50000.00
Concrete Mix Design of M 20, M 25 & M 30 Grade	2022-2023	M/s Vindhya Telelinks Ltd, E-237, Phase 8B, Industrie	95000.00
TPQA for the Work Construction of Advance Neurosc	2022-2023	Hospital Engineer (Constuction) PGIMER, Sector -12	953898.00
Vetting of Structural Design/Drawings of Water Treatr	2022-2023	M/s Dogra Construction Company Pvt. Ltd., Bhoranj,	100000.00
Testing of Reinforcement for Tensile Strength, Concre	2022-2023	M/s Pinnacle Life Sciences Pvt. Ltd, Village- Manpur	70000.00
Proof Checking of Structural Design/Drawings of Res	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, A	113426.00
Vetting of Structural Design/Drawings	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Checking of Structural Design of Six Number RTT/GE	2022-2023	M/s Rising Technocrats, H. No. 57, Sector -20, Panch	50000.00
Testing of Steel Angles of 50x50x6mm Size	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punja	49601.00
Consultancy services for Retrofitting Works of Towers	2022-2023	Xen/CMD-II, RGTPP, HPGCL, Khedar, Panipat	30000.00
Preparation of Concrete Mix Design M 25 & M30	2022-2023	M/s SBL Infrastructure CSCL Pvt. Ltd., SCO-105, Sec	50000.00
Proof Checking of Structural Design of Road Over Bri	2022-2023	M/s Tarun Mathur Structural Consultant, 764, Sector -	100000.00
Vetting of Structural Design/Drawings of Buildings	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	150000.00
Testing of Steel Angles used in Special Repair of Roo	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punja	25000.00
Vetting of Structural Design/Drawings of various Bridg	2022-2023	M/s N.K. Consultancy Pvt. Ltd., # 2111, Urban Estate	100000.00
Testing of Cement	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punja	10000.00

Vetting of Structural Design/Drawings for Water Supp	2022-2023	M/s Infraup Pvt. Ltd, Civil & Structural Engineers, # - i	50000.00
Checking of Structural Stability of Building	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	100000.00
Proof Checking of Structural Design/Drawings of Hos	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Ai	60300.00
Testing of Steel Tubular Pipes	2022-2023	J.E (Civil), FCI, Divisional Office, Sangrur, Punjab	30000.00
Vetting of Structural Design/Drawings of Buildings	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	150000.00
Vetting of Structural Design/Drawings of VR Bridge	2022-2023	M/s OBTUSE DESIGN STUDIO, SOHO-401, Block B	90000.00
Testing of Steel Angles	2022-2023	J.E (Civil), FCI, Divisional Office, Jalandhar, Punjab	50000.00
Testing of Steel Angles	2022-2023	J.E (Civil), FCI, Divisional Office, Jalandhar, Punjab	50000.00
Counter Checking of Structural Design & Detailed Dr	2022-2023	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	50388.00
Testing of Paver Blocks Strength at 28 days	2022-2023	J.E (Civil), FCI, Divisional Office, Sangrur, Punjab	10000.00
Vetting of Design & Drawings of Girls Hostel	2022-2023	M/s Neel Mani Sharma, Govt. Contractor, 163, Palace	50000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	130000.00
Proof Checking of Structural Design & Drawings	2022-2023	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	105500.00
Regarding Concrete Mix Design of M 30 Grade	2022-2023	M/s Vindhya Telelinks Ltd, E-237, Phase 8B, Industrie	30000.00
Vetting of Structural Design/Drawings & Structural St	2022-2023	M/s Monika's Architectural Structural Team, F-548, Pr	50000.00
Proof Checking of Structural Design & Drawings	2022-2023	M/s Bachitter Singh Associates, # 1514, Sector - 7C,	105000.00
Testing of Steel Tubular Pipes	2022-2023	J.E (Civil), FCI, Divisional Office, Sangrur, Punjab	30000.00
Regarding Concrete Mix Design of M 25 Grade	2022-2023	M/s Kartik Contracts India Pvt. Ltd, Vill - NIRSU, P.O I	50000.00
Regarding Concrete Mix Design of M 25 & M 30 Grac	2022-2023	M/s Aalaya Engineering Project Pvt. Ltd, Tower A-2, S	55000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	70000.00
Testing of Cement, Coarse Aggregate, Fine Aggregat	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punja	55000.00
Vetting of Structural Design/Drawings for Water Supp	2022-2023	M/s Infraup Pvt. Ltd, Civil & Structural Engineers, # - i	100000.00
Testing of Steel Tubular Pipes	2022-2023	J.E (Civil), FCI, Divisional Office, Sangrur, Punjab	30000.00
Vetting of Structural Design/Drawings relating to Box	2022-2023	M/s Garg & Garg Co, Daulatpur Chowk, Daulatpur, U	80000.00
Vetting of Structural Design/Drawings & Structural St	2022-2023	M/s Bachitter Singh Associates, # 1514, Sector - 7C,	150000.00
Lab Test for Paver Blocks for Platform and LC Gates	2022-2023	M/s KEC International Ltd, MH 74A Housing Board Ci	35000.00
Design Mix M 25 & M10	2022-2023	M/s Rajinder Kumar, Govt Contractor, Ghunta Niwas,	50000.00
Vetting of Structural Design/Drawings	2022-2023	M/s Tayal Engineering, # 1069, Sector -37-B, Chandig	90000.00
Site Visit, Detailed Investigations, Design and Propos	2022-2023	Sr. Executive Engineer, Civil Maintenance Division, B	400000.00
Proof Checking of Structural Design & Drawings	2022-2023	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	70000.00
Vetting of Structural Design/Drawings related to Scra	2022-2023	M/s Shri Balaji Multimetals Pvt. Ltd, Village- Tibba, Lu	60000.00

Proof Checking of Structural Design & Drawings	2022-2023	M/s Metro Developers & Builders, SCO-13, Sector - 6	200000.00
Testing of Concrete Cubes	2022-2023	M/s Vindhya Telelinks Ltd, E-237, Phase 8B, Industrial Area	5000.00
Proof Checking of Structural Design/Drawings of Construction	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Area	51500.00
Vetting of Structural Design/Drawings related to Road Bridge	2022-2023	M/s TECH - PECTIFIC Structural Consultants, Plot No. 10	150000.00
Proof Checking of Structural Design & Drawings	2022-2023	M/s Aarav & Associates, Rajpura Zirakpur Road, Bani	75000.00
Preparation of Concrete Mix Design M 25 & M30	2022-2023	M/s SBE Infrastructure CSCL Pvt. Ltd., SCO - 105, Sector	50000.00
Testing of Cement, Coarse Aggregate 20 mm, Fine Aggregate	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punjab	35000.00
Testing of Steel Bars 8mm,10mm, 12mm, 16mm, 20mm	2022-2023	M/s Vindhya Telelinks Ltd, E-237, Phase 8B, Industrial Area	18000.00
Design Approval for 30m Telecom Monopoles Installation	2022-2023	M/s Ramboll India Pvt. Ltd, SLN Terminus, Unit 4 & 5	100000.00
Vetting of Structural Design/Drawings related to Hospital	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	130000.00
Structural Vetting of School and Residential Quarters	2022-2023	M/s Aces Design & Infratech Services C/o Executive Engineer	75000.00
Vetting of Structural Design/Drawings of the Building	2022-2023	M/s Theon Lifesciences Pvt Ltd,Vill - Mubarakpur, Moh	225000.00
Testing of Profile Sheet	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punjab	20000.00
Proof Checking of Structural Design of Truss Bridge for	2022-2023	M/s Suresh Kumar Contractor C/o Executive Engineer	90000.00
Proof Checking of Structural Design/Drawings of Block	2022-2023	M/s J C Technocrats Pvt. Ltd, SCF - 9, Vikas Vihar, Area	58000.00
Testing of Concrete Cubes M 30 Grade	2022-2023	M/s Vindhya Telelinks Ltd, E-237, Phase 8B, Industrial Area	5000.00
TPQA for the Work Construction of Setellite Centre of	2022-2023	Hospital Engineer (Civil-II), PGIMER, Chandigarh	2118644.00
Proof Checking of Structural Design/Drawings of affor	2022-2023	M/s BMSF Design Consultant, Civil & Structural Engin	500000.00
Vetting of Structural Design/Drawings Building	2022-2023	M/s Suffescom Solutions Pvt.Ltd, D- 256, Industrial A	100000.00
Vetting of Structural Design/Drawings Building	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Third Party Tech. Post Audit of Construction of House	2022-2023	SDE Const. Sub Division No. 7, Chandigarh	1591568.00
Third Party Tech. Post Audit of Construction of House	2022-2023	SDE Const. Sub Division No. 7, Chandigarh	1428752.00
Tests for development of Ultra Modern Apple, Fruit an	2022-2023	SDE HSAM Board, Kisan Bhawan, Sector -14, Panch	168000.00
Vetting of Structural Design/Drawings Building	2022-2023	M/s M & M Ropeways, # -753, Sector -9, Industrial Ar	50000.00
Vetting of Structural Design/Drawings Building	2022-2023	Executive Engineer, Civil Works Division, HVPNL, Pa	50000.00
Proof Checking of Structural Design/Drawings of Groi	2022-2023	M/s Alwin Infrastructure Ltd., Plot No. - 381, Ph - 2, In	130000.00
Testing of Concrete Cubes	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punjab	93500.00
Testing of Concrete Cubes M 30 Grade	2022-2023	M/s Vindhya Telelinks Ltd, E-237, Phase 8B, Industrial Area	15000.00
Proof Checking of Structural Design/Drawings	2022-2023	M/s Chawla Structural Design Engineers, Valuers, # 5	50000.00
Testing of Material	2022-2023	J.E (Civil), FCI, Divisional Office - Ludhiana, Punjab	20000.00
Assessment of Structural Stability of Ramp in Govern	2022-2023	SDE Const. Sub Division No. 7, Chandigarh	50000.00

Proof Checking of Structural Design/Drawings of Hou	2022-2023	M/s Omni Pecific Colonizers Pvt. Ltd, SCO - 3 to 8, A	100000.00
Structrual Stability and Remedial Measure for Buiding	2022-2023	Executive Engineer, Provl. Division No. 1, PWD (B&R	300000.00
Regarding M 10, M 25 & M 30	2022-2023	M/s SSP Promoters & Builders Pvt. Ltd, A-7/18, Pasc	75000.00
Vetting of Structural Drawings for Commercial Compli	2022-2023	M/s SBP Township Pvt. Ltd, SBP House, Plot No. 126	100000.00
Vetting of Structrual Designs and Structrual Stability C	2022-2023	M/s Jindal Structural Consultants, Near Shiv Mandir, I	50000.00
Vetting of Structural Design/Drawings of Buildings	2022-2023	M/s Continental Foundations, Structural Engineer, # 1	120000.00
Proof Checking of Structural Design/Drawings of Hos	2022-2023	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	75000.00
Vetting of Structrual Drawings and Structrual Stability	2022-2023	M/s J.S Synergies Pvt. Ltd, H. No. - 1391, Sector - 57	50000.00
Proof Checking of Structural Design/Drawings of Con	2022-2023	M/s J.C Technocrats Pvt. Ltd, SCF - 9,Vikas Vihar, An	65080.00
Regarding Core Cutting, Rebound Hammer & Ultraso	2022-2023	M/s Yash Tele Contructions Pvt. Ltd, Bibiwal Road, B:	37500.00
Vetting of complete Structrual Drawings of Building	2022-2023	M/s KNG Projects Pvt. Ltd. 23, Jagdish Colony, Rajpu	50000.00
Proof Checking of Structural Design/Drawings of Bui	2022-2023	M/s Satish Kumar Gupta Infra Pvt. Ltd, Govt. Contrac	50000.00
Proof Checking of Structural Design and Detailed Dra	2022-2023	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	50000.00
Proof Checking of Structural Design/Drawings of Bui	2022-2023	M/s Luxotic Homes Rap Projects Pvt.Ltd, Urban Esta	175000.00
Vetting of Structrual Drawings of RCC Open Drain for	2022-2023	M/s J.S Synergies Pvt. Ltd, H. No. - 1391, Sector - 57	50000.00
Vetting of Structural Design/Drawings of Building	2022-2023	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, N	150000.00
Proof Checking of Structural Design of Bridges	2022-2023	M/s Gurinder Singh Contractor, D- 111, Industtrial Are:	125000.00
Testing of Material (Bricks, Stone Aggregate and Cer	2022-2023	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	37000.00
Testing of Material (Bricks, Stone Aggregate and Cer	2022-2023	J.E (Civil), FCI, Divisional Office, Ludhiana, Punjab	37000.00
Proof Checking of Structural Design/Drawings of Bui	2022-2023	M/s Chawla Structural Design Engineers, Valuers, # 5	50000.00
Vetting of Structural Design/Drawings of Building	2022-2023	M/s Maxxon Space Builders, Village - Singhpura, Dist	100000.00
Vetting of Structural Design/Drawings of Building	2022-2023	Executive Engineer, HSVP, Division - Karnal, Haryan:	100000.00
Designing of Wearing Course on RCC Slab	2022-2023	SDE, Construction Subdivision - II, Sector -9, Chandig	55000.00
Design Mix M-25 for the Construction of Boys & Girls	2022-2023	SDE, Construction Subdivision - II, Sector -9, Chandig	25000.00
Testing of BM & SDBC for laying of road	2022-2023	Superintending Engineer, Improvement Trust Ludhian	30000.00
Third Party Technical Post Audit Work for Constructio	2022-2023	Executive Engineer, C.P Division No. - 1, Chandigarh	120719.00
Site Visit for TPI of Storm Drainage Scheme of 200' w	2022-2023	Divisional Engineer (PH-1) GMADA, SAS Nagar, Pun	25000.00
Technical Post Audit Work for Construction of Tennis :	2022-2023	Executive Engineer, C.P Division No. - 1, Chandigarh	201591.00
To Conduct the Road Safety Audit of Project Highway	2022-2023	General Manager (Tech.) NHAI, Project Director, Amt	763210.00
Design Mix for Construction of Multilevel Parking	2022-2023	SDE Const. Subdivision No. 8, UT Chandigarh	65000.00
Design Mix for Construction of Building	2022-2023	SDE Const. Subdivision No. 4, Sector -19, UT Chand	55000.00

Restoration, Conservation and Preservation of Capitc	2022-2023	Executive Engineer, C.P Division No. 6, U.T Chandig:	195000.00
Design Mix -M25 for extension of School Building	2022-2023	M/s Singla Constructions Ltd, C/o SDE Const. Subdiv	25000.00
Testing of ACC Blocks, Brick Clay Tiles, Pressed Stee	2022-2023	SDE Construction Division No. 2, Chandigarh	74000.00
Testing of ACC Blocks, Brick Clay Tiles, Pressed Stee	2022-2023	SDE Construction Division No. 2, Chandigarh	90000.00
Testing of ACC Blocks, Brick Clay Tiles, Pressed Stee	2022-2023	SDE Construction Division No. 2, Chandigarh	56000.00
Transverse Bending Strength Test of Kerb Stones	2022-2023	M/s WAPCOS Limited, SCO - 302, 1st Floor, Sector-5	10000.00
Vetting of Design/Drawings of Bridge	2022-2023	Executive Engineer, Punjab Mandi Board, Barnala, Pi	500000.00
Vetting of Design/Drawings of Bridge	2022-2023	M/s Ankush Engineers & Contractors Pvt. Ltd., Dhara	90000.00
Vetting of Design/Drawings of Bridge	2022-2023	M/s Ankush Engineers & Contractors Pvt. Ltd., Dhara	60000.00
Vetting of Structural Design/Drawings of Foot Over Br	2022-2023	M/s C & E Consultancy, Chauhan Building, Sanjauli, S	60000.00
Vetting of Structural Design/Drawings for Developme	2022-2023	Executive Engineer, Municipal Corporation, Ambala C	50000.00
Detailed TPQA for the work of Extension of Ashram F	2022-2023	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	2581703.00
Proof Checking of Structural Design/Drawings of Brid	2022-2023	M/s V.K Gupta & Associates, River BeaS, Vill - Sandh	50000.00
Proof Checking of Structural Design/Drawings of vari	2022-2023	M/s N K Consultancy Pvt. Ltd, # 2111, Urban Estate, S	60000.00
Site Visit for TPI of Storm Drainage Scheme of 200' w	2022-2023	Divisional Engineer (PH-1) GMADA, SAS Nagar, Pun	25000.00
To Conduct the Road Safety Audit of Project Highway	2022-2023	General Manager (Tech.) NHAI, Project Director, Am	737337.00
Testing of Cubes and Flexural Beams for Road Work	2022-2023	Manager (Civil), FCI, Divisional Office, Patiala, Punja	15000.00
Vetting of Structural Design/Drawings of Bus Stand	2022-2023	M/s C & E Consultancy, Chauhan Building, Sanjauli, S	65000.00
Proof Checking of Structural Design of Road Over Bri	2022-2023	M/s Tarun Mathur Structural Consultant, 764, Sector -	100000.00
To Conduct the Road Safety Audit of Project Highway	2022-2023	General Manager (Tech.) NHAI, Project Director, Am	763210.00
Vetting of Structural Design/Drawings of various Bridg	2022-2023	M/s N.K. Consultancy Pvt. Ltd., # 2111, Urban Estate	100000.00
Proof Checking of Structural Design of Truss Bridge f	2022-2023	M/s Suresh Kumar Contractor C/o Executive Enginee	90000.00
TPQA for the Construction Work for Redevelopment	2022-2023	Executive Engg. SRD Project Division No. 1, PWD, N	1271186.00
Proof Checking of Structural Design of Bridges	2022-2023	M/s Gurinder Singh Contractor, D- 111, Industrial Are	125000.00
			Total Amount(Y): 32942729.00

Project Title	Duration	Funding Agency	Amount(in Rupees)
Mix Design of M-20 & M-30 for Design of STP	2021-2022	M/s Larsen & Toubro, STP, Near Bestech Mall, Sec-6A	50000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Unipro Techno Infrastructure Pvt Ltd Distt. Hamirg	50000.00
Proof Checking of Structural Design & Drawing	2021-2022	Ms KNG TECH Stuctural Designing & Value Engineer	55000.00
Vetting of Design of Percolation Well of 10 Meter	2021-2022	M/s R.K Engineers Sales Ltd., B-116, 1st Floor, Vibhu	100000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	110000.00
Vetting of Design of Pump House (Rectangular)	2021-2022	M/s R.K Engineers Sales Ltd., B-116, 1st Floor, Vibhu	70000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	53170.00
Vetting of Structural Design/Drawings	2021-2022	M/s Orbit Apartment Construction Pvt. Ltd., VIP Road	207171.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Rising Technocrats, H. No 57, Near G.H.S-8A, Se	50400.00
Third Party Technical Post Audit Work for the Constr	2021-2022	Executive Engineer, C.P Division No. 5, Chandigarh I	847458.00
Vetting of Design & Drawings relating to Double Lane	2021-2022	M/s Ankush Engineers & Contractors Pvt. Ltd, # 781,	150014.00
Detailed TPQA for the work of Extension of Ashram F	2021-2022	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	502518.00
Third Party Technical Post Audit Work for the Constr	2021-2022	Executive Engineer, C.P Division No. 6, Chandigarh I	1456759.00
Third Party Technical Post Audit Work for the Constr	2021-2022	Executive Engineer, C.P Division No. 5, Chandigarh I	1456050.00
Additional & Remodeling of Bhagwan Mahavir Hospita	2021-2022	Executive Engineer (C), H.M.D (North) PWD, GNCT	79328.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	87548.00
Proof Checking of Structural Design & Drawing	2021-2022	AGM/Civil-Expert, Rail Vikas Nigam Limited, Harbux t	50000.00
Counter Checking of Structural Design of Hostel and	2021-2022	M/s Unipro Techno Infrastructure Pvt Ltd Distt. Hamirg	119500.00
Preliminary Site Visit regarding Structure Stability Tes	2021-2022	M/s TDI Infrastructure Ltd, R.O 10, Shaheed Bhagat S	25000.00
Testing of Concrete Cubes and Flexural Beams for Re	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	32000.00
Testing of Concrete Cubes and Flexural Beams for Re	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	130000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Virendra Dogra Power Project Pvt. Ltd., Manjhal,	90000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s VKG Associates, SCO-3, Sector -16, Panchkula	50000.00
Third Party Technical Post Audit work of Renovation c	2021-2022	Executive Engineer C P Division No. 6, Chandigarh	160218.00

Third Party Technical Post Audit Work of Providing Sp	2021-2022	Executive Engineer C P Division No. 4, Chandigarh	528400.00
Vetting of Structural Design/Drawings	2021-2022	M/s Chiranji Lal Gupta & Sons (P) Ltd., Civil Contract	50000.00
Testing of Cement OPC 43 Grade	2021-2022	SDE, Pb. W/S & Sew. Sub Divn. Ludhiana C/o Khilari	10000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	75770.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s SCL Health Care Pvt. Ltd, 47, Subhlaxmi CGHS I	200000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	91657.00
Checking of Structural Design of RTT sites	2021-2022	M/s Rising Technocrats, # - 57, Kundi, Sector 20, Pa	50400.00
Structure Audit of Haryana Panchayat Bhawan, Chan	2021-2022	Executive Engineer, Panchayati Raj, Public Works, P	200000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Abhinav Infratech Pvt. Ltd. 5 Ganeshpura, Nasrat	50000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	60000.00
Design Mix - M 25 & M 30 Grade	2021-2022	M/s Manager, KNK Projects Pvt. Ltd., 23, Jagdish Col	55000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Unipro Techno Infrastructure Pvt Ltd Distt. Hamir	50000.00
Design Mixof M25, M30, M40 Grade	2021-2022	M/s Singla Construction Ltd, # - 196, Top Floor, Secto	85000.00
Design and Drawing for replacement of existing Railw	2021-2022	Sr. Divisional Engineer-II, N. Railway, Ambala Cantt	250000.00
Designing of Major Bridges for new rail link	2021-2022	Dy. Chief Engineer/Const.I, Northern Railway Chandi	3945000.00
Vetting of Structural Design/Drawings	2021-2022	SDE- Design, Chandigarh Housing Board, Chandigar	50000.00
Vetting of Structural Design/Drawings	2021-2022	SDE- Design, Chandigarh Housing Board, Chandigar	50000.00
Vetting of Structural Design & Calculations for 26 MLI	2021-2022	M/s Gharpure Engineering & Construction (P) Ltd, Cl	525000.00
Design Mixof M25, M30 Grade	2021-2022	M/s Buland Green Pvt. Ltd., H. No. 430/1, Sec-5, Gha	55000.00
Vetting of Design/Drawings of Bridges	2021-2022	Executive Engineer (C), Punjab Mandi Board, Moga	200000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	50220.00
Testing of Reinforcement of Make SMW Ispat of 32mr	2021-2022	M/s Girdhari Lal Constructions Pvt. Ltd. # - 410, Sect	78000.00
Counter Checking of Structural Design & Detailed Dr	2021-2022	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	55085.00
Additional & Remodeling of Bhagwan Mahavir Hospita	2021-2022	Executive Engineer (C), H.M.D (North) PWD, GNCT	190348.00
Structural Stability/Condition Assessment of Building	2021-2022	SDE Const. Sub Division No. 11, PEC Campus, Sect	100437.00
Vetting of Structural Design/Drawings	2021-2022	M/s Bhramari Consultants Private Limited, Sector - 1C	105600.00

Vetting of Structural Design & Drawing	2021-2022	M/s Absolute Testing & Consultants, F-III, Ph-7, Indus	50000.00
Testing Cores of M-30 Grade Concrete Cubes for Re	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	25000.00
Vetting of Structural Design & Drawing	2021-2022	M/s Baba Farid Vidyad Society (Regd.) Ajit Road, Bat	500000.00
Vetting of Structural Design & Drawing	2021-2022	SDE Construction Sub. Div. No. -4, Chandigarh	50000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	220000.00
Counter Checking of Structural Design & Detailed Dr	2021-2022	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	48728.00
Vetting of Structural Design/Drawings	2021-2022	M/s Bharatiya Vidya Bhavan, Sector -27B, Madhya M	240000.00
Vetting of Structural Design & Drawing	2021-2022	M/s Baba Farid Vidyad Society (Regd.) Ajit Road, Bat	225000.00
Vetting of Revised Structural Design & Drawing	2021-2022	M/s The Outliners, Balaji Enclave, Zirakpur, Mohali	50000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Aarav & Associates, Rajpura Zirakpur Road, Ban	50000.00
Testing of Concrete Cubes of M-30 Grade	2021-2022	M/s KNG Projects Pvt. Ltd. 23, Jagdish Colony, Rajpu	10000.00
Vetting of Design& Drawings of proposed Retaining/E	2021-2022	M/s Prem Singh, Govt. Contractor, Village - Kheri Cha	50000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Bachitter Singh Associates, # 1514, Sector - 7/C,	220000.00
Vetting of Structural Design & Drawing	2021-2022	M/s Obtuse Design Studio, 635, Sector -4, U.E, Kurul	50000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	61000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s National Engineering Projects Consultants, # 150	50000.00
Regarding Structure Stability Test	2021-2022	M/s TDI Infrastructure Ltd, R.O 10, Shaheed Bhagat S	351400.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Architect Yetinder Mathur, # 764, Sector -8B, Cha	150000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Architect Yetinder Mathur, # 764, Sector -8B, Cha	100000.00
Testing of Concrete Cubes of M 35 Grade for 7 & 28 I	2021-2022	M/s Navodaya Infrastructure Nirman (P) Ltd., Shed N	10000.00
Vetting of Design/Drawings of Water Storage Tank	2021-2022	M/s R.K Engineers Sales Ltd., B-116, 1st Floor, Vibhu	60000.00
Concrete Mix Design M-30 Grade	2021-2022	M/s GSJ Envo Ltd. Prem Singh Farm, Ambala Road,	50000.00
Vetting of Design/Drawings of Checkdam	2021-2022	M/s Bachitter Singh Associates, # 1514, Sector - 7/C,	109500.00
Concrete Mix Design M-30 Grade	2021-2022	M/s GSJ Envo Ltd. Prem Singh Farm, Ambala Road,	50000.00
Checking of Structural Stability of Staff Quarters in HS	2021-2022	SDE, HSVP, Sub Division No. III, Panchkula	100000.00
Checking of of Design & Drawings for Traffic Deconge	2021-2022	Executive Engineer, Flyover Project Div. F-31, JLN St	355704.00

Detailed TPQA for the work of Extension of Ashram F	2021-2022	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	1643374.00
Testing of GI Profile Sheet	2021-2022	Junior Engineer (Civil), FCI, District Office, Hoshiarpur	14850.00
Vetting of Design/Drawings of Tower	2021-2022	M/s City Developers, Village - Peermushalla, Dhakoli,	250000.00
Proof Checking of Design/Drawings of Bridge	2021-2022	M/s V.K Gupta & Associates, River Beas, Village- Sar	50000.00
Vetting of Design/Drawings of RCC Box Culvert	2021-2022	M/s Shivom Engineers Associates Pvt. Ltd, # 57, Villa	50000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Orbit Apartment Construction Pvt. Ltd., VIP Road	123984.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Aarav & Associates, Rajpura Zirakpur Road, Bani	108700.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Aarav & Associates, Rajpura Zirakpur Road, Bani	74300.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Off Line Architecture, Sidhpur, Dharamshala, HP	60452.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Architect Yetinder Mathur, # 764, Sector -8B, Cha	50000.00
Testing of Bricks as per I.S and RDSO standards	2021-2022	M/s Shiv Shankar Engineers, Sardulgarh, Mansa, Pur	10000.00
Testing of Concrete Cubes and Flexural Beams for Re	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	20000.00
Testing of Concrete Cubes and Flexural Beams for Re	2021-2022	Manager (Civil), FCI, Divisional Office – Patiala	83000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	104557.00
Counter Checking of Group Housing Structural Desig	2021-2022	M/s Gill Developers and Promoters Pvt. Ltd, SCO-54f	315000.00
Testing of Coarse Sand and Coarse Aggregates	2021-2022	M/s Oriental Sales Corporation, Vill - Nanakpur, Kalka	48000.00
Testing of Concrete Cubes and Flexural Beams for Re	2021-2022	Manager (Civil), FCI, Divisional Office - Patiala	83000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	80000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	270000.00
Testing of Cores of Concrete Road	2021-2022	M/s PP P Enterprises, Ludhiana C/o SDE, PSI&EC Lt	39000.00
Testing of Material of Construction Work	2021-2022	Divisional Engineer (C-2), GLADA, Ludhiana	18000.00
Testing of TMT Bar for Tensile Strength, Weight, %Elc	2021-2022	M/s Manager, KNK Projects Pvt. Ltd., 23, Jagdish Col	91000.00
Civil Work for Construction of CWR, Pump Chamber &	2021-2022	M/s S.B.E Engineering & Infrastructure Pvt. Ltd, SCO	50000.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s Ankush Engineers & Contractors Pvt. Ltd, Dharar	100000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Third Party Technical Post Audit Wrok for providing sp	2021-2022	Executive Engineer, C.P Division No. 4, UT Chandiga	464280.00

Third Party Technical Post Audit Wrok for providing sp	2021-2022	Executive Engineer, C.P Division No. 4, UT Chandiga	539098.00
Vetting of Structural Drawings and Structural Safety C	2021-2022	M/s Bhoo Consultants, Charted Engineer, F-548, Ph-1	75000.00
Testing of Material of Construction Work	2021-2022	Divisional Engineer (C-1), GLADA, Ludhiana	5000.00
Vetting of Design of Pump House (Rectangular)	2021-2022	M/s R.K Engineers Sales Ltd., B-116, 1st Floor, Vibhu	75000.00
Testing of Material of Construction Work	2021-2022	Divisional Engineer (C-1), GLADA, Ludhiana	24000.00
Vetting of Structural Design/Drawings	2021-2022	M/s D.D Builders, Nagla Road Ambala Highway, Sing	425000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	67507.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	50000.00
Testing of Cores of Compressive Strength of RCC 100	2021-2022	M/s Architect, SS Co-H Scoinety, Panchkula	15000.00
Testing of Cement Samples	2021-2022	SDE Construction Sub Division- 4, Chandigarh	10000.00
Testing of Material of Construction Work	2021-2022	Divisional Engineer (C-2), GLADA, Ludhiana	6000.00
Vetting of Structural Design/Drawings	2021-2022	M/s REBOUND Enviro Tech Pvt Ltd, Jawahar Nagar,	60000.00
Vetting of Structural Design/Drawings	2021-2022	M/s Syal & Associates, F-91, Ind. Area, Phase - VII, M	50000.00
Testing of M35 Grade RCC 100 mm Cores for Ratio T	2021-2022	M/s President, S.S. Co-Op Group Housing Society Ltd	10000.00
Vetting of Structural Design/Drawings of Building	2021-2022	M/s Seven Star Infra, Khasra No. 207/2, C/o SS Estal	99400.00
Testing of Material Concrete Mix Design M - 35	2021-2022	M/s Deepak Builders, FF 2267/3, Flat No. 4, Old Delh	35000.00
Vetting of Strom Water Drain Structures in Una Town	2021-2022	M/s Avadh Consultancy Services, 28, Ph-3, Prakash I	50000.00
Concrete Mix Design M - 30 & Design Mix for Grade I	2021-2022	M/s S.R. Ashok & Associates Pvt. Ltd., 25 Silver Endi	60000.00
Vetting of Structural Design/Drawings of Solvex Plant	2021-2022	M/s Shree Ganesh Edibles (P) Ltd, Shop No. 25-B, N	60000.00
Vetting of Structural Design/Drawings of Boiler and Pc	2021-2022	M/s Shree Ganesh Edibles (P) Ltd, Shop No. 25-B, N	80000.00
Detailed TPQA for the work of Extension of Ashram F	2021-2022	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	3141720.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s Ankush Engineers & Contractors Pvt. Ltd, Dharar	70000.00
Proof Checking of Design & Drawing of Bridge	2021-2022	M/s Jindals Consortium, SCF – 9, Vikas, Vihar, Amba	190000.00
Testing of Material Concrete Mix Design M - 30	2021-2022	M/s Pyramid Builders, Ward No. 5, Main Bazar, Nalag	35000.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s Architect Yetinder Mathur, # 764, Sector -8B, Cha	100000.00
Vetting of Structural Design/Drawings of Building	2021-2022	M/s C & E Consultancy, Chauhan Building, Sanjauli, S	132500.00

Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s C & E Consultancy, Chauhan Building, Sanjauli, S	150000.00
Regarding Structure Stability Test in basement of Tow	2021-2022	M/s TDI Infrastructure Ltd, R.O 10, Shaheed Bhagat S	527100.00
Vetting of Structural Design/Drawings of Hospital Bui	2021-2022	M/s Bhoo Consultants, Chartered Engineer, F-548, Ph-1	50000.00
Upgradation of Roads (Testing of Cores of Concrete F	2021-2022	M/s P.P Enterprises, Vijay Nagar, Jalandhar C/o PSI&	15000.00
Testing of Cement Samples	2021-2022	SDE Construction Sub Division-4, Chandigarh	60000.00
Vetting of Structural Design of Steel Workshop	2021-2022	M/s Aces Design & Infrastructure Services, Duplex Nc	60000.00
Proof Checking of Structural Design & Drawing of Bui	2021-2022	M/s Bachitter Singh Associates, # 1514, Sector - 7/C,	63000.00
Post Work Audit of Construction of Canteen Block in C	2021-2022	SDE Construction Subdivision No. 11, PEC Sec-12, C	175809.00
Mix Design for DBM&BC for Four Laning of Simla-Ma	2021-2022	Project Director, National Highway Authority of India (	50000.00
Analysis of Rutting of Pavement on Rehabilitation & U	2021-2022	M/s Global Engineers and Consultants, Street 13/3, C	50000.00
Concrete Mix Design M - 25 & M-30	2021-2022	M/s Deepak Builders, FF 2267/3, Flat No. 4, Old Delh	55000.00
TPQA for the Work Construction of Flyover at Shastri	2021-2022	The Executive Engg, ITPO project Division ,PWD,GN	1710000.00
Vetting of Design & Drawings relating to Double Lane	2021-2022	M/s Ankush Engineers & Contractors Pvt. Ltd, # 781,	150014.00
Detailed TPQA for the work of Extension of Ashram F	2021-2022	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	502518.00
Testing of Concrete Cubes and Flexural Beams for Rc	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	32000.00
Testing of Concrete Cubes and Flexural Beams for Rc	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	130000.00
Testing of Material	2021-2022	Sub Division Officer, Cheeka W/S Sub Division, Chee	20000.00
Proof Checking of Structural Design & Drawing	2021-2022	M/s VKG Associates, SCO-3, Sector -16, Panchkula	50000.00
Vetting of Design/Drawings of Bridges	2021-2022	Executive Engineer (C), Punjab Mandi Board, Moga	200000.00
Rejuvenation of Choti Nadi, Const. of STP & ETP and	2021-2022	M/s Pushpinder Singh Sidhu, Contractor & GECPL Ja	150000.00
Vetting of Structural Design & Drawing	2021-2022	Project Director, National Highway Authority of India (	50000.00
Checking of of Design & Drawings for Traffic Deconge	2021-2022	Executive Engineer, Flyover Project Div. F-31, JLN St	355704.00
Detailed TPQA for the work of Extension of Ashram F	2021-2022	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	1643374.00
Testing of Concrete Cubes and Flexural Beams for Rc	2021-2022	Junior Engineer (Civil), FCI, Divisional Office, Sangr	20000.00
Testing of Concrete Cubes and Flexural Beams for Rc	2021-2022	Manager (Civil), FCI, Divisional Office – Patiala	83000.00
Testing of Concrete Cubes and Flexural Beams for Rc	2021-2022	Manager (Civil), FCI, Divisional Office - Patiala	83000.00

Testing of Cores of Concrete Road	2021-2022	M/s PP P Enterprises, Ludhiana C/o SDE, PSI&EC Li	39000.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s Ankush Engineers & Contractors Pvt. Ltd, Dharar	100000.00
Detailed TPQA for the work of Extension of Ashram F	2021-2022	Ext. Engineer, Flyover Project Division F-31, Sub-Div-	3141720.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s Ankush Engineers & Contractors Pvt. Ltd, Dharar	70000.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s Architect Yetinder Mathur, # 764, Sector -8B, Cha	100000.00
Vetting of Structural Design/Drawings of Bridge	2021-2022	M/s C & E Consultancy, Chauhan Building, Sanjauli, S	150000.00
Upgradation of Roads (Testing of Cores of Concrete F	2021-2022	M/s P.P Enterprises, Vijay Nagar, Jalandhar C/o PSI&	15000.00
			Total Amount(Z): 36197344.00

Cumulative Amount(X + Y + Z) = 117542103.00

5 LABORATORIES AND RESEARCH FACILITIES (75)

Total Marks 75.00

5.1 Adequate and well equipped laboratories in area of Program specialization (30)

Total Marks 30.00

Institute Marks

30.00

Sr. No	Name of the Laboratory	Specialized Equipment Name	Equipment details	Utilization details from the perspective of PO attainment
1	Traffic Lab	Radar Gun	To measure the speed of moving objects.	PO3
2	Traffic Lab	Metro Count	To count different type of vehicles.	PO3
3	Traffic Lab	Wheel rutt shaper	To prepare the bitumen specimen for wheel rut testing used in research and road construction.	PO1, PO2, PO3
4	Traffic Lab	Rheometer	To find out Rheological properties (Shear modulus, Phase angle, Viscosity, Temperature and frequency response of bitumen) of bitumen.	PO1,PO2,PO3,PO4
5	Highway Materials Lab	Digital Marshal Stability	Measures the strength and flexibility of asphalt mixture & determine void properties using briquettes prepared by the marshal method.	PO1
6	Highway Materials Lab	California Bearing Ratio Testing Machine	Determines the relative bearing ratio and expansion characteristics under known surcharge weight.	PO1
7	Highway Materials Lab	Asphalt Content Tester	Determines the asphalt content of mix asphalt by removing the asphalt in an ignition furnace.	PO1
8	Highway Materials Lab	Bitumen Ductility Test Apparatus	Determines the ductility of bituminous materials by measuring elongation at a constant speed.	PO1

9	Highway Materials Lab	Benkelman Beam Deflection Test Apparatus	Measures the deflection of flexible pavements under moving wheel loads.	PO3
10	Highway Materials Lab	Bitumen Extractor	Determines the amount of bitumen used as a binder in asphaltic pavement.	PO1
11	Highway Materials Lab	Hot Air Oven	Electrical device using dry heat to sterilize.	PO1
12	Highway Materials Lab	Humidity Cabinet	Test's ability of metal preservatives to prevent rusting under high humidity.	PO1
13	Highway Materials Lab	Water Absorption & Specific gravity Test apparatus	Determines the water holding capacity of coarse and fine aggregates, Measures the strength/quality of the material.	PO1
14	Highway Materials Lab	Compression Testing Machine	Determines the compressive strength of cubes and cylinders.	PO3
15	Highway Materials Lab	Compression Testing Machine	Determines the compressive strength of cubes and cylinders.	PO3
16	Highway Materials Lab	Los Angeles Abrasion Value Machine	Tests coarse aggregates for resistance to abrasion.	PO3

17	Highway Materials Lab	Standard Penetrometer	Determines consistency of bitumen for grading.	PO3
18	Highway Materials Lab	Flash Point Apparatus	Determination for closed cup Flash Point of Fuel Oil, cut back asphalts, other viscous material and suspension of solids having a flash point above 49 degrees	PO3
19	Highway Materials Lab	Ring and Ball Apparatus	Determines the softening point of bitumen, asphalt, and coal tar.	PO1
20	Highway Materials Lab	Liquid Limit Test Apparatus	Determines the liquid limit of the specimen.	PO1
21	Highway Materials Lab	Plastic Limit Test Apparatus	Determines the plastic limit of the specimen.	PO1
22	Highway Materials Lab	Bump Integrator	To measure road surface unevenness.	PO3
23	Highway Materials Lab	Nuclear Density Gauge	To measure In-Situ density of soil	PO3
24	Highway Materials Lab	Bitumen content test by Ignition method	To measure the bitumen content in Bituminous mixes.	PO1

25	Soil Mechanics Laboratory	CBR Machine	Measures the strength of sub-grade soil and road base materials as a percentage of a standard material.	PO3, PO4
26	Soil Mechanics Laboratory	CBR Machine	Measures the strength of sub-grade soil and road base materials as a percentage of a standard material.	PO3, PO4
27	Soil Mechanics Laboratory	Direct Shear Testing Machine	Determines the shear strength parameters of soil.	PO3, PO4
28	Soil Mechanics Laboratory	Liquid and Plastic Limit Test apparatus	Determines liquid and plastic limit of soil	PO3, PO4
29	Soil Mechanics Laboratory	Proctor Test	Determines the optimal moisture content and maximum dry density of soil.	PO3, PO4
30	Soil Mechanics Laboratory	Permeability Test	Measures the rate of water flow through soil.	PO3, PO4
31	Soil Mechanics Laboratory	Tri-axial Test	Measures the strength of soil under controlled pressure conditions	PO3, PO4
32	Survey Lab	Engineering Chain	Used to measure distances between two objects/ lengths.	PO1

33	Survey Lab	Measuring Tape	Used to measure distances between two objects/ lengths.	PO1
34	Survey Lab	Vernier theodolite	Determines horizontal and vertical angles between objects & points.	PO1, PO2
35	Survey Lab	Auto level	Determines relative elevation of points on the ground.	PO1, PO2
36	Survey Lab	Hand Held GPS	Determines real-time geographic positioning data.	PO3
37	Survey Lab	DGPS	DGPS is used for accurate navigation and real-time position on the ground.	PO3, PO4
38	Survey Lab	Plane Table	Used for plotting or mapping a site directly in the field.	PO1
39	PG Structures Lab	Universal Testing Machine (1000kN capacity)	Used to determine the mechanical properties of materials, such as tensile strength, compressive strength, and elongation, by applying	PO1, PO2, PO3, PO4
40	PG Structures Lab	Compression Testing Machine (1000kN capacity)	Used to apply compressive loads to materials or structural components to evaluate their compressive strength, and other mechanical properties under	PO1, PO2, PO3, PO4

41	PG Structures Lab	Compression Testing Machine (3000kN capacity)	Used to apply compressive loads to materials or structural components to evaluate their compressive strength, and other mechanical properties under	PO1, PO2, PO3, PO4
42	PG Structures Lab	Ultrasonic Pulse Velocity test	Used to assess the quality and integrity of concrete by measuring the time taken for ultrasonic waves to travel through the material, which helps in	PO1, PO2, PO3, PO4
43	PG Structures Lab	Rebound Hammer	Used to evaluate the surface hardness and compressive strength of concrete by measuring the rebound of a spring-driven hammer after it	PO1, PO2, PO3, PO4
44	PG Structures Lab	Concrete Permeability Apparatus	Used to determine the permeability of concrete by measuring the rate at which water or air passes through a concrete sample under controlled	PO1, PO2, PO3, PO4
45	PG Structures Lab	Accelerated curing tank and Jaw crusher	Used to speed up the curing process of concrete specimens by maintaining elevated temperatures and humidity levels, while the Jaw Crusher is a	PO1, PO2, PO3, PO4
46	PG Structures Lab	Mechanical Sieve shaker	Used to separate and analyse particles of different sizes in a granular material by employing a series of stacked sieves that vibrate to facilitate the distribution	PO1, PO2, PO3, PO4
47	PG Structures Lab	Vibrating Table	Used to compact and settle granular materials, such as concrete or soil, by applying controlled vibrations to improve uniformity and reduce air voids,	PO1, PO2, PO3, PO4
48	PG Structures Lab	Concrete Mixer	Used to combine cement, water, and aggregates (such as sand and gravel) to produce a homogeneous concrete mixture, ensuring proper distribution of	PO1, PO2, PO3, PO4

49	Structure Model Lab	Two Hinged arc	Used to efficiently distribute loads through compression while providing stability and flexibility, making it ideal for large-span structures like bridges and	PO1, PO2, PO3, PO4
50	Structure Model Lab	Three Hinged arc	Used to demonstrate load distribution, structural behaviour under various conditions, and the principles of equilibrium and stability, allowing students to	PO1, PO2, PO3, PO4
51	Structure Model Lab	Maxwell reciprocal theorem	Used to simplify the analysis of complex structures by allowing students to determine displacements at various points using fewer calculations; it aids in	PO1, PO2, PO3, PO4
52	Structure Model Lab	Curved beam	Used to study their unique behaviour under loads, such as bending and torsion, enabling students to analyse stress distribution, deflection patterns,	PO1, PO2, PO3, PO4
53	Structure Model Lab	Portal frame	Used to demonstrate the principles of load distribution, stability, and structural behaviour under lateral and vertical loads, allowing students to analyse	PO1, PO2, PO3, PO4
54	RCC Lab	Compression testing machine	Used to determine the compressive strength of concrete or other materials by applying a gradually increasing load. Sr. No. P-29/148 Weight 200 tonnes	PO3
55	RCC Lab	Tile cutting machine	A specialized tool for accurately cutting tiles, typically ceramic or stone, to desired shapes and sizes. It is widely used in construction for achieving precise	PO4
56	RCC Lab	Vibration table	A mechanical device that provides controlled vibrations to compact concrete specimens like cubes and cylinders. This ensures the removal of air voids,	PO3

57	RCC Lab	Digital compression testing	An advanced version of the compression testing machine, equipped with sensors and digital displays for precise load measurements. It often includes	PO 4
58	RCC Lab	Le-chatelier mould with base plate	A cylindrical brass apparatus used to measure the soundness of cement by determining the expansion of a cement paste during hydration, ensuring it	PO3
59	RCC Lab	Vibratory sieve shaker	An automated device that uses vibrations to facilitate the sieving of aggregates and particles through a stack of sieves, ensuring accurate particle size	PO3
60	RCC Lab	Electric water bath	A laboratory apparatus designed to maintain water at a constant temperature, commonly used for curing concrete specimens or conducting chemical tests under	PO 3
61	RCC Lab	Water bath	A simple but essential laboratory tool for immersing samples in water, typically for curing or hydration tests, where maintaining specific temperature	PO 4
62	RCC Lab	Initial surface absorption apparatus	Used to measure the rate of water absorption on concrete surfaces under standardized conditions. It is essential for assessing durability and porosity	PO 4
63	RCC Lab	Hot air oven	A temperature-controlled chamber used for drying samples, curing specimens at elevated temperatures, or conducting specific material tests like	PO 3
64	RCC Lab	Accelerated curing test	This equipment evaluates the early strength of concrete by curing it under elevated temperatures and pressure, enabling faster determination of	PO 4

65	RCC Lab	Concrete mixer pan type	A laboratory mixer with a rotating pan and stationary blades that ensures thorough and uniform mixing of concrete ingredients, suitable for preparing small	PO 3
66	RCC Lab	Automatic flexure testing machine with laptop and printer	A machine designed to evaluate the flexural strength of materials like concrete beams, equipped with a digital interface for real-time data collection, analysis, and	PO 4
67	Computer Lab	Automatic Blaire apparatus	An advanced device used to determine the fineness of cement by measuring its specific surface area (Blaine value) through air permeability. It automates the	PO 4
68	Computer Lab	Envi	A remote sensing software used for analyzing and visualizing geospatial data, especially satellite images, with tools for image classification and feature	PO 2
69	Computer Lab	Staad Pro	A structural analysis and design software that supports a wide range of materials and international design codes, used to evaluate and optimize	PO 2
70	Computer Lab	Open roads	A civil engineering software designed for roadway design and analysis, offering tools for creating 3D models, managing alignments, and simulating traffic	PO 2
71	Computer Lab	Plaxis 3D	A geotechnical analysis software used for 3D modeling of soil and rock structures, allowing engineers to simulate and study stress, deformation, and stability	PO 2
72	Computer Lab	QGIS	An open-source geographic information system (GIS) software used for creating, analyzing, and visualizing spatial data, offering tools for mapping	PO 2

73	Computer Lab	ARC GIS	A comprehensive GIS platform for managing, analyzing, and visualizing geospatial data, widely used in urban planning, transportation, and environmental	PO 2
74	Computer Lab	CSI Bridge	Specialized software for designing and analyzing bridge structures, offering features for modeling complex geometries and simulating dynamic loads.	PO 2
75	Computer Lab	Mike	A suite of hydrodynamic modeling tools used for water resources management, including flood prediction, river hydraulics, and coastal engineering simulations.	PO 2
76	Computer Lab	ERDAS	A remote sensing and photogrammetric software used for processing and analyzing geospatial imagery, enabling efficient mapping and terrain	PO 2
77	Computer Lab	Geo Studio	A geotechnical software suite for modeling slope stability, seepage, and stress-strain behavior in soil and rock mechanics.	PO 2
78	Computer Lab	NCSS	A statistical analysis software used for data analysis, hypothesis testing, and regression modeling, with applications in engineering research and decision-making.	PO 2
79	Computer Lab	XLSTAT	A statistical add-in for Excel, offering advanced data analysis tools such as ANOVA, regression, and multivariate analysis, commonly used in research and	PO 2
80	Computer Lab	HEC RAS	A software for hydraulic modeling of river systems, used for simulating water flow, sediment transport, and floodplain mapping to support water resource	PO 2

81	Soil Mechanics Laboratory	CBR Machine	Measures the strength of sub-grade soil and road base materials as a percentage of a standard material.	PO1, PO2, PO3, PO4
82	Soil Mechanics Laboratory	Unconfined Compression Testing Machine	Determines the compressive strength of cohesive soil without lateral confinement.	PO1, PO2, PO3, PO4
83	Soil Mechanics Laboratory	Direct Shear Testing Machine	Determines the shear strength parameters of soil.	PO1, PO2, PO3, PO4
84	Soil Mechanics Laboratory	Liquid and Plastic Limit Test apparatus	Determines liquid and plastic limit of soil	PO1, PO2, PO3, PO4
85	Soil Mechanics Laboratory	Proctor Test	Determines the optimal moisture content and maximum dry density of soil.	PO1, PO2, PO3, PO4
86	Soil Mechanics Laboratory	Permeability Test	Measures the rate of water flow through soil.	PO1, PO2, PO3, PO4
87	Soil Mechanics Laboratory	Tri-axial Test	Measures the strength of soil under controlled pressure conditions.	PO1, PO2, PO3, PO4

5.2 Research facilities / center of excellence (30)

Total Marks 30.00

Sr. No	Name of the Facility	Specialized Equipment Name	Equipment details	Utilization details from the perspective of PO attainment
1	Soil Mechanics Laboratory	Flexible Wall Penetrometer	Measures soil permeability by applying pressure while preventing sidewall leakage using a flexible membrane.	PO1,PO2,PO3,PO4
2	Soil Mechanics Laboratory	Dynamic Tri-Axial test Apparatus	Evaluates soil behavior under cyclic loading conditions to simulate earthquake or traffic loading.	PO1,PO2,PO3,PO4
3	Soil Mechanics Laboratory	Static Tri-Axial Apparatus	Tests the strength and deformation of soil under controlled, static loading conditions in a triaxial stress state.	PO1,PO2,PO3,PO4
4	Survey Lab	Total Station	Determines both vertical and horizontal angles as well as distances.	PO3,PO4.
5	Survey Lab	DGPS	DGPS is used for accurate navigation and real-time position on the ground.	PO3,PO4
6	Environment Lab	GCMS	combines two analytical tools to identify and measure chemical concentrations.	PO1, PO3
7	Environment Lab	Ion Chromotography	Separates ions and polar molecules based on their interaction with an ion exchanger.	PO1, PO3

- All the UG, PG and PhD students carry out their project/thesis work according to their field of Civil Engineering.
- All the faculty members use these laboratories to conduct research projects/ consultancy work.
- All the laboratories are well equipped and available to the students for research, project and thesis work throughout the year, including holidays, with prior permission.
- All the laboratories are available for the students with permission for carrying out projects and other works beyond the working hours also.
- The equipments and the instruments available in laboratories are maintained regularly by the technical staff and the annual maintenance contract from the third party.
- The students use their personal laptops or the desktop systems available in the laboratories for research and academic purposes.
- The demonstration/ training sessions for new purchases have been conducted regularly for the faculties as well as students.

Program Outcomes:

PO1: An ability to independently carry out research /investigation and development work to solve practical problems

PO2: An ability to write and present a substantial technical report/document

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO4: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

6 CONTINUOUS IMPROVEMENT (75)**Total Marks 75.00****6.1 Actions taken based on the results of evaluation of each of the POs (25)****Total Marks 25.00**

Institute Marks

25.00

Identify the areas of weaknesses in the program based on the analysis of evaluation of POs attainment levels. Measures identified and implemented to improve POs attainment levels for the assessment years including curriculum intervention, pedagogical initiatives, support system improvements, etc.

Actions taken, to be mentioned here.

Academic Year: 2023-2024

Pos	Target Level	Attainment Level	Observations
PO1: Demonstrate skill for planning, design, construction and maintenance of transportation projects.			
PO1	2.86	2.44	Attainment is marginally higher than preceding year. The target level fixed may be too optimistic. The attainment level achieved will be kept in mind in next curriculum revision. Each course instructor review the pedagogy in respect of target level level and preceding attainment level during next teaching learning process. One-on-one tutoring needed.
Actions: 1. Curriculum will be revised as per newer developments in due course as per institute policy. 2. One-on-one tutoring has been increased through assigning a specific mentor to each student. 3. PO1 being most important, the concerned course instructor has noted and review the pedagogy			
PO2: Assessment of environmental and its allied issues of the construction of the transportation projects.			
PO2	2.24	1.98	Target achieved marginally higher than preceding year. Students exhibit a basic understanding of environmental considerations but would benefit from exposure to real-world case studies and field-based learning experiences to strengthen practical application.

Actions: 1. Improvement in PO1 will also improve PO2 2. Improvement in pedagogy for environmental issues will sensitize and motivate the students for better performance. 3. Incorporation of Industrial Tour/ Seminar Writing			
PO3: Demonstrate skills to use modern engineering tools, software and equipment to analyze problems and evolve solutions.			
PO3	2.89	2.45	Target achieved marginally higher than preceding year. This aspect is ever evolving and changing. Procuring relevant new softwares and equipment faced procedural challenge and resource constraints.
Actions: 1. Students are encouraged to explore relevant web resources as an interim measure. 2. Students are encouraged to refer rich subscribed resource of high quality journals available free to students online through institute web site. 3. Pedagogy improvement will bring higher curiosity in students with possibility of program delivering them high carrier opportunities. 4.Numerical content in evaluation process involving problem solving will be endeavored to be increased.			
PO4: To enhance the communication skills and successfully apply research aptitude among students to R&D activities and consultancy works.			
PO4	2.80	2.36	Target achieved marginally higher than preceding year. The thesis writing work gives the students an opportunity to do research in the field of their choice and also allow them to arrange their thoughts in their own writing skill keeping in mind the institute policy in this regard.
Actions: 1. For A/A+ grade, publishing the research work has been made mandatory. 2. The thesis writing work, research work and presentation skills are evaluated by a panel consisting of internal and external members. 3. Industrial Training during the Summer Term is added in the curriculum to pursue independent projects in an industrial setting with limited mentorship and prepare for lifelong learning.			

Academic Year 2022-2023

POs	Target Level	Attainment Level	Observations
PO1: Demonstrate skill for planning, design, construction and maintenance of transportation projects.			
PO1	2.74	2.30	Target achieved to satisfactory extent. Introducing tailored remedial modules or preparatory sessions could address this issue.
Actions: 1. Curriculum will be revised as per newer developments in due course as per institute policy. 2. One-on-one tutoring has been increased through assigning a specific mentor to each student. 3. PO1 being most important, the concerned course instructor has noted and review the pedagogy			
PO2: Assessment of environmental and its allied issues of the construction of the transportation projects.			
PO2	2.17	1.86	Target achieved to a satisfactory extent. Students understanding of environmental aspects is basic. Including interactive sessions with industry experts and project-based assessments could enhance their practical knowledge.
Actions: 1. Improvement in PO1 will also improve PO2 2. Improvement in pedagogy for environmental issues will sensitize and motivate the students for better performance			
PO3: Demonstrate skills to use modern engineering tools, software and equipment to analyze problems and evolve solutions.			
PO3	2.52	2.14	Target achieved to satisfactory extent. Increasing practical exposure to engineering tools and introducing problem-based learning modules are recommended.

Actions: 1. Students will be advised to explore relevant web resources as an interim measure. 2. Students are encouraged to refer rich subscribed resource of high quality journals available free to students online through institute web site. 3. Pedagogy improvement will bring higher curiosity in students with possibility of program delivering them high carrier opportunities. 4. Numerical content in evaluation process involving problem solving will be endeavored to be increased.			
PO4: To enhance the communication skills and successfully apply research aptitude among students to R&D activities and consultancy works.			
PO4	2.67	2.28	Target achieved to satisfactory extent. Students display an interest in lifelong learning, but their communication and research skills can be further improved through activities like technical writing workshops, mock consultancy assignments, and interactive R&D project mentorship.
Actions: 1. For A/A+ grade, publishing the research work has been made mandatory. 2. The thesis writing work, research work and presentation skills are evaluated by a panel consisting of internal and external members. 3. Industrial Training during the Summer Term is added in the curriculum to pursue independent projects in an industrial setting with limited mentorship and prepare for lifelong learning.			

1. Students are encouraged and it has been made mandatory to be eligible for higher grades like A/A+ to make research contributions in their thesis by publishing their results in journals and/or present it at National and International Conferences.
2. Increased subscriptions to a broader range of high-quality and relevant academic journals to make their research more impactful.
3. The institute has made plagiarism certificates available and has raised the acceptable threshold for plagiarism.
4. Students are encouraged to participate at prestigious research institutes and laboratories in India and abroad.
5. Students are actively encouraged to engage in research and consultancy projects.

6.3 Improvement in Placement, Higher Studies and Entrepreneurship (10)

Total Marks 10.00

Assessment is based on improvement in:

a. **Placement:** number, quality placement, core industry, pay packages etc.

a. **Placement**

2024-2025: The program is yet to be completed

2023-2024: 2/11 are placed in government sector (Core industry); others are reportedly preparing for government competitive exams, quality of placed satisfactory; pay package as per government norms.

2022-2023: 2/19 are in government sector (Core industry); others are reportedly preparing for government competitive exams, quality of placed satisfactory; pay package as per government norms.

2021-2022: 7/13 are in government sector (Core industry); others are reportedly preparing for government competitive exams, quality of placed satisfactory; pay package as per government norms.

Note: For each year the number of students mentioned is related to admission year.

b. **Higher studies:** performance in GATE, GRE, GMAT, CAT etc., and admissions in premier institutions.

Many students are interested in higher studies, i.e. Ph.D., Generally, after getting 1-2 years of experience; students opt for higher studies in various reputed universities in India.

2024-2025: The program is yet to be completed

2023-2024: 1/11 pursuing PhD

2022-2023: 1/19 pursuing PhD

2021-2022: 3/13 pursuing PhD

Note: For each year the number of students mentioned is related to admission year.

c. **Entrepreneurs :**

PECS Entrepreneurship and Incubator Cell (EIC) established "Technology Business Incubator" on 08.06.2016. Two teams have been selected for incubation and have started working on the campus. The newly made incubator provides fully furnished working areas and sitting space along with a meeting room, facilities like Wi-Fi and access to required lab and instruments on the campus. EICs mission is to build successful businesses by providing incubation facilities for new startups. The Incubator will nurture and promote budding entrepreneurs by supplying a range of services with main focus towards entrepreneurship. PEC Incubator also provides Entrepreneurial Development Programs, Networking with Legal Advisors, Venture Capitalists, Angel Investors, Financial Institutions, Marketing Agencies, Technical Experts, and Corporate Professionals.

Institute Marks

10.00

Gate Score	2024-25 (CAY)	2023-24 (CAYm1)	2022-23(CAYm2)
Highest Score	374.00	510.00	366.00
Minimum Score	247.00	308.00	253.00

6.5 Improvement in quality of paper publication (10)

Total Marks 10.00

Institute Marks

10.00

- Students are encouraged to participate at prestigious research institutes and laboratories in India and abroad for motivation and exposures.
- Increased subscriptions to a broader range of high-quality and relevant academic journals to make their research more impactful.
- There is provision of financial assistance to the students willing to attend or contribute in the conferences/ workshops/ Symposium/ Seminars.

6.6 Improvement in laboratories (10)

Total Marks 10.00

Institute Marks

10.00

Additional facilities/equipments were created/added during the last three years to strengthen the curriculum and/or meet the POs in the last three years.

- Laser distance measurement
- STAAD Pro Commercial Software license
- Dynamic Shear Rheometer
- Different Global Positioning System (DGPS)
- Vernier Theodolite
- Nikon Reflector less total station, Nikon XF-1

Annexure I

PROGRAM OUTCOMES (POs)

PO1 : An ability to independently carry out research /investigation and development work to solve practical problems

PO2 : An ability to write and present a substantial technical report/document

PO3 : Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute willbe initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute

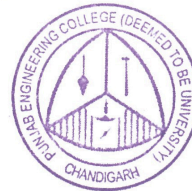
Name : Prof. Rajesh K Bhatia

Designation : Director (Ad-interim)

Signature :



Seal of The Institution :



Place : Chandigarh

Date : 07-05-2025 16:57:06