

# SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE (M.P.)

## CIVIL ENGINEERING AND APPLIED MECHANICS DEPARTMENT

No. : CE-AMD/HOD/RKK/DPAQIC-MINUTES/2025/

Date: 17-12-2025.

### MINUTES OF DPAQIC OF CIVIL ENGINEERING & APPLIED MECHANICS HELD ON 11-12-2025.

A meeting of DPAQIC of Civil Engineering & Applied Mechanics Department was held on 11-12-2025 at 11:30 AM for different program of the department.

#### 1. UG Program:

- i. Dr. R.K. Khare : Head of the Department CE-AMD : Chairman
- ii. Dr. Arun Parakh : Senior faculty of aligned program : Member
- iii. Dr. Akhil Upadhyay : Sr. Faculty of other academic institute : Member
- iv. Er. G. Parchani : Expert from industry, RRCAT, Indore : Member
- v. Er. J.K. Jain : Alumni SGSITS Indore : Member
- vi. All regular and contract faculty members, CEAMD of the programme

#### 2. PG Program:

<b>Structural Engineering:</b>		
i. Dr. R.K. Khare	: Head of the Department CE-AMD	: Chairman
ii. Dr. Manoj Chouksey	: Senior faculty of aligned program	: Member
iii. Dr. Y.D. Patil	: Sr. Faculty of other academic institute	: Member
iv. Dr. Abhay Gupta	: Expert from industry	: Member
v. Er. J.K. Jain	: Alumni SGSITS Indore	: Member
vi. Dr. Vijay Rode	: Alumni SGSITS Indore	: Member
vii. Dr. H.K Mahiyar	: Senior faculty of the Program	: Member
viii. Prof. M.K. Laghate	: Senior faculty of the Program	: Member
ix. Dr. S.K. Ahirwar	: Senior faculty of the Program	: Member
x. Prof. Vivek Tiwari	: Faculty of the Program	: Member
xi. Prof. Mahesh Chandra	: Faculty of the Program	: Member
xii. Prof. Krishna Verma	: Faculty of the Program	: Member
xiii. Dr. Arti Sahu	: Faculty of the Program	: Member
xiv. Prof. Mitresh Kaul	: Faculty of the Program	: Member
<b>Transportation Engineering:</b>		
i. Dr. R.K. Khare	: Head of the Department CE-AMD	: Chairman
ii. Dr. Vinod Pare	: Senior faculty of aligned program	: Member
iii. Dr. Ashish Verma	: Sr. Faculty of other academic institute	: Member
iv. Er. Y.S. Pawar	: Expert from industry	: Member
v. Dr. (Mrs.) V. Tare	: Alumni CEAMD	: Member
vi. Dr. H.K Mahiyar	: Senior faculty of the Program	: Member
vii. Dr. S.K. Ahirwar	: Senior faculty of the Program	: Member
viii. Prof. Tarun Narnaure	: Faculty of the Program	: Member
ix. Prof. Nikita Verma	: Faculty of the Program	: Member
x. Prof. Namrata Khede	: Faculty of the Program	: Member
xi. Prof. Islamuddin Faraz	: Faculty of the Program	: Member
<b>Environmental Engineering:</b>		
i. Dr. R.K. Khare	: Head of the Department CE-AMD	: Chairman
ii. Dr. Sachin Balsara	: Senior faculty of aligned program	: Member
iii. Dr. Sanjeev Chaudhary	: Sr. Faculty of other academic institute	: Member

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iv.	Er. H.V. Tilwankar	: Expert from industry	: Member
v.	Dr. D.J. Killedar	: Alumni CEAMD	: Member
vi.	Prof. Devendra Dohare	: Senior faculty of the Program	: Member
vii.	Prof. Soumya Saklecha	: Faculty of the Program	: Member
viii.	Prof. Megha Chourey	: Faculty of the Program	: Member
<b><u>Water Resource &amp; Environmental Engineering:</u></b>			
i.	Dr. R.K. Khare	: Head of the Department CE-AMD	: Chairman
ii.	Dr. B.S. More	: Senior faculty of aligned program	: Member
iii.	Dr. Deepak Khare	: Sr. Faculty of other academic institute	: Member
iv.	Dr. Manish Goyal	: Sr. Faculty of other academic institute	: Member
v.	Dr. Mukesh Chouhan	: Expert from Industry	: Member
vi.	Dr. R.K. Srivastava	: Alumni CEAMD	: Member
vii.	Dr. S.M. Narulkar	: Senior faculty of the Program	: Member
viii.	Dr. S.B. Ajmera	: Senior faculty of the Program	: Member
ix.	Prof. Rakesh Purviya	: Faculty of the Program	: Member

At the outset, Dr. R.K. Khare, Prof. & Head, CE&AMD welcomed all the external members and provided introduction about the department and brief idea about the Vision & Mission of the institute aligned with Vision & Mission of the department, PO's, PEO's, PSO's, Schemes etc. Dr. R.K. Khare also discussed the seven criteria in detail which are mentioned in SSR for NAAC on departmental level.

**The deliberations of the meeting are summarized below:**

**Item No. 1: To present the Annual Quality Assurance report of year 2024-25.**

Annual Quality Assurance Report of Year 2024-25 based on the following Criteria was presented and discussed in the meeting (Attached as Part-A & Part-B):-

- Criterion I – Curricular Aspects
- Criterion II – Teaching Learning and Evaluation
- Criterion III – Research, Innovations and Extension
- Criterion IV – Infrastructure and Learning Resources
- Criterion V- Student Support and Progression
- Criterion VI – Governance, Leadership and Management
- Criterion VII–Institutional Values and Best Practices

**Item No. 2: To Discuss the Vision & Mission of the department and revise if necessary to align with the Institute Vision and Mission.**

The Vision & Mission of the department was modified to align with the institute. The members reviewed the existing departmental Vision and Mission statements and compared them with the proposed versions provided in the document. It was observed that the proposed Vision emphasizes the department's role in Civil Engineering for building a prosperous Madhya Pradesh and a self-reliant Bharat, while also addressing sustainable and dynamic techno-socio-economic needs, which is more consistent with the Institute Vision. Similarly, the proposed Mission highlights the generation of highly competent experts inspired by the spirit of Nation First and eternal human values, the development of students capable of accelerating sustainable socio-economic progress, and the motivation to apply Civil Engineering knowledge through research, innovation, and engineering practices, thereby aligning closely with the Institute Mission. After deliberation, the members unanimously agreed to adopt the proposed Vision and Mission with minor refinements to emphasize sustainability, global relevance, and research orientation.

**Item No. 3: Introduction of New Courses or change in any course in the existing scheme.**

The meeting was held to review the academic scheme of the Department of Civil Engineering and Applied Mechanics. It was noted that one course is proposed to introduce in the proposed scheme in the IV semester of B.Tech Civil Engineering Program. The meeting was held to review the existing academic scheme of the Department of Civil Engineering and Applied Mechanics and to consider the proposed scheme prepared by the department in accordance with the format provided by the Dean Academics,





scheme of the Department of Civil Engineering and Applied Mechanics and to consider the proposed scheme prepared by the department in accordance with the format provided by the Dean Academics, Research & skill Development (ASRD). The Dean's format was examined in detail, covering semester-wise distribution of credits, inclusion of core and elective courses, mandatory training components, and alignment with the AICTE model curriculum. The department presented its proposed scheme, which incorporated the prescribed structure and modifications, including updated subject codes, revised credit allocations, laboratory components, electives, and mandatory industrial training requirements. The members noted that the proposed scheme ensures uniformity across the institute, strengthens compliance with national guidelines, and provides balanced exposure to basic sciences, engineering sciences, professional core courses, electives, and multidisciplinary learning. After deliberation, the members agreed to adopt the proposed scheme prepared as per the Dean's format, with minor refinements to suit departmental requirements.

### **Suggestions by Members:**

**The suggestions provided by members are summarized below:**

1. It was suggested that the department should strengthen its laboratory infrastructure, as the current facilities are inadequate. It was emphasized the need to procure additional equipment to meet academic and research requirements. It was also highlighted the absence of a structured training mechanism for laboratory assistants and recommended establishing a proper system to enhance their skills and efficiency. Improving the overall quality of laboratory facilities was advised to ensure better support for teaching and learning activities. Furthermore, It was recommended reducing the student intake from 90 seats to 60 seats in order to maintain quality standards and ensure that available resources are optimally utilized.
2. It was suggested that the department should address the issue of regular faculty shortage by initiating timely recruitment and strengthening the teaching workforce to ensure smooth academic delivery. It was recommended engaging visiting faculty and arranging online lectures to supplement teaching in specialized areas, thereby completing the academic load effectively and maintaining quality standards.
3. It was suggested that the department should strengthen collaboration with industries to promote joint research initiatives, enhance practical exposure, and align academic outcomes with real-world requirements.



**(Dr. R.K. Khare)**  
**Professor & Head, CE-AMD**