

भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की 247 667  
**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**  
**ROORKEE 247 667**



अभिशासक परिषद् भारतीय प्रौद्योगिकी संस्थान रुड़की की दिनांक 09 अप्रैल 2024 को पूर्वान्ह 11.30 बजे संस्थान समिति कक्ष में आहूत 69<sup>वीं</sup> बैठक का कार्यवृत्त।

**MINUTES OF THE 69<sup>th</sup> MEETING OF THE BOARD OF GOVERNORS OF  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE HELD ON 09<sup>th</sup> APRIL  
2024 AT 11.30 A.M. IN THE COMMITTEE ROOM.**

**उपस्थित /PRESENT:**

- |   |             |
|---|-------------|
| 1. Shri B.V.R. Mohan Reddy  | Chairperson |
| 2. Prof. K.K. Pant<br>Director, IIT Roorkee   | Member      |
| 3. Prof. Onkar Singh<br>Uttarakhand Technical University  | Member      |
| 4. Dr. K.K. Kataria<br>Director (Technical Education)<br>(on behalf of Principal Secretary, Govt. of Haryana)<br>Through Video Conferencing | Member      |
| 5. Mr. Ashwani Lohani<br>Through Video Conferencing   | Member      |
| 6. Prof. H.C. Pokhriyal, University of Delhi  | Member      |
| 7. Prof. N.K. Samadhiya, IIT Roorkee  | Member      |
| 8. Prof. B.K. Gandhi, IIT Roorkee<br>Through Video Conferencing   | Member      |
| 9. Prof. U.P. Singh, IIT Roorkee  | Member      |
| 10. Mr. Prashant Garg, Registrar, IIT Roorkee   | Secretary   |

Leaves of absence from Prof. Anil Joshi was received due to their prior engagements.

At the outset, the Chairman wished to all a happy Hindu Nav Varsh 'विक्रम संवत् 2081' and welcomed the members into the 69<sup>th</sup> meeting of the Board of Governors. The Chairman introduced and welcomed the following three new members, who were attending their first meeting, and wished for their valuable contributions and active participation in the meetings of the Board:

1. Prof. Onkar Singh, Vice Chancellor, Veer Madho Singh Bhandari, Uttarakhand Technical University, Dehradun
2. Prof. N.K. Samadhiya, Department of Civil Engg.
3. Prof. B.K. Gandhi, Department of Mechanical & Industrial Engg.

The Board of Governors thanked the following outgoing members and placed on record its appreciation for their valuable contributions in the meetings of the Board: -

1. Sri Narender Singh, Uttarakhand Government
2. Prof. C.S.P. Ojha, Department of Civil Engg.

The agenda was then taken up.

**Item No.69.0: To receive an overview report of the Director.**

A brief overview report of the Director on progress, significant developments, activities and initiatives in recent past was presented.

The Board considered the report as at **Appendix-A**, and taken it on record with appreciation.

The agenda was then taken up.

**Item No.69.1: To confirm the minutes of the 68<sup>th</sup> meeting of the Board of Governors held on 24.11.2023.**

Since no comments were received, the Board confirmed the minutes as circulated.

**Item No.69.2: Actions taken report on the minutes of the 68<sup>th</sup> meeting of the Board of Governors held on 24.11.2023.**

The Board noted the actions taken.

**Item No.69.3: To ratify the approvals accorded by the Chairman, Board of Governors on behalf of the Board of Governors.**

The approvals accorded by the Chairman on behalf of the Board were ratified as under:

- (i) Recommendations of the Selection Committees for appointment on the following posts:
  - (1) Professor
    - a. Department of Earth Sciences
    - b. Department of Electrical Engineering
    - c. Department of Humanities & Social Sciences
    - d. Department of Management Studies
    - e. Department of Mathematics
    - f. Department of Physics
  - (2) Associate Professor
    - a. Department of Architecture & Planning
    - b. Department of Biosciences & Bioengineering
    - c. Department of Chemistry
    - d. Department of Chemical Engineering
    - e. Department of Civil Engineering
    - f. Department of Electrical Engineering
    - g. Department of Electronics & Communication Engineering
    - h. Department of Mathematics
    - i. Department of Mechanical & Industrial Engineering
    - j. Department of Metallurgical & Materials Engineering
    - k. Department of Paper Technology
    - l. Department of Physics
  - (3) Assistant Professor Gr.I / Gr.II
    - a. Department of Applied Mathematics & Scientific Computing
    - b. Department of Architecture & Planning
    - c. Department of Biosciences & Bioengineering
    - d. Department of Chemical Engineering
    - e. Department of Chemistry
    - f. Department of Civil Engineering
    - g. Department of Computer Science & Engineering
    - h. Department of Design
    - i. Department of Earth Sciences
    - j. Department of Earthquake Engineering
    - k. Department of Electrical Engineering
    - l. Department of Electronics & Communication Engineering



- m. Department of Humanities & Social Sciences
- n. Department of Hydro & Renewable Energy
- o. Department of Hydrology
- p. Department of Mathematics
- q. Department of Mechanical & Industrial Engineering
- r. Department of Metallurgical & Materials Engineering
- s. Department of Paper Technology
- t. Department of Physics
- u. Department of Polymer & Process Engineering
- v. Department of Water Resources Development & Management
- w. Centre for Transportation Systems
- x. Mehta Family School of Data Science & Artificial Intelligence

(4) Visiting Professor

- a. Department of Biosciences & Bioengineering
- b. Department of Civil Engineering
- c. Department of Electrical Engineering
- d. Department of Hydrology
- e. Department of Management Studies
- f. Department of Paper Technology
- g. Mehta Family School of Data Science & Artificial Intelligence
- h. Centre of Excellence in Disaster Mitigation and Management
- i. Centre for Sustainable Energy

(5) Visiting Faculty

- a. Department of Biosciences & Bioengineering
- b. Department of Chemical Engineering

(6) Professor of Practice

- a. Department of Electronics & Communication Engineering
- b. International Centre of Excellence for DAMS

(7) Adjunct Faculty

- a. Department of Chemical Engineering
- b. Department of Mechanical & Industrial Engineering

- (8) Re-employment of Faculty Members beyond their superannuation, and till the end of academic session.
- Department of Chemical Engineering
  - Department of Civil Engineering
  - Department of Earth Sciences
  - Department of Electrical Engineering
  - Department of Humanities & Social Sciences
  - Department of Mathematics
  - Department of Mechanical & Industrial Engineering
  - Department of Metallurgical & Materials Engineering
  - Department of Physics
- (ii) Amendment in clause 9(18) of the Statutes of IIT Roorkee.
- (iii) Extension of Group Health Scheme on same terms and conditions for F.Y.2024-25. Options will be invited for regular employees for part payment towards contribution for its premium from next Financial Year 2025-26 as per recommendation of Deans Committee.

**Item No.69.4: Matters for the information of the Board of Governors.**

The Board noted the following:

- Minutes of the 54<sup>th</sup> meeting of the Finance Committee held on 24.11.2023 (the minutes will be available at the BoG meeting).
- Minutes of the 49<sup>th</sup> meeting of the B&WC held on 23.11.2023. (the minutes will be available at the BoG meeting).
- Minutes of the 99<sup>th</sup> & 100<sup>th</sup> meeting of the Senate held on 03.01.2024 & 06.03.2024 respectively. (the minutes will be available at the BoG meeting).
- The following faculty and non-faculty Group 'A' have joined:

Sr. No.	Name	Designation	Department / Centre	Date of Joining
<b>Faculty</b>				
1	Dr. Chetan Gupta	Asstt. Professor Gr-II	CSE	16.11.2023

2	Dr. Saurabh Sharma	Asstt. Professor Gr-I	MIE	07.12.2023
3	Dr. Hemant Sagar	Asstt. Professor Gr-I	HRE	18.12.2023
4	Dr. Komal Tripathi	Asstt. Professor Gr-II	ChE	28.12.2023
5	Dr. Anuj Bisht	Asstt. Professor Gr-I	MIE	08.01.2024
6	Dr. Anamika	Asstt. Professor Gr-II	MS	15.01.2024
7	Dr. Rakesh Kumar Saunthwal	Asstt. Professor Gr-I	CY	17.01.2024
8	Dr. Hari Venkatesh	Asstt. Professor Gr-II	HSS	31.01.2024
9	Dr. Sonal Jha	Asstt. Professor Gr-I	HSS	02.02.2024
10	Dr. Vijay Victor	Asstt. Professor Gr-I	HSS	14.02.2024
11	Dr. Prashant Surana	Asstt. Professor Gr-II	HRE	19.02.2024
12	Dr. Palas Kr. Farrioiya	Asstt. Professor Gr-I	ChE	26.02.2024
13	Dr. Pankaj Gautam	Asstt. Professor Gr-II	AMSC	01.03.2024
14	Dr. Subrata Biswas	Asstt. Professor Gr-I	PT	11.03.2024
15	Dr. Hemant Kumar	Asstt. Professor Gr-II	CE	14.03.2024
16	Dr. Avinash Kumar	Asstt. Professor Gr-II	EE	21.03.2024

**Professor of Practice/Visiting/Adjunct Faculty**

1	Dr. Yutaka Matsuno	Visiting Professor	WRDM	13.11.2023
2	Dr. Ashok Pandey	Visiting Professor	BSBE	14.11.2023
3	Dr. Kavita Shah	Visiting Professor	BSBE	21.11.2023
4	Dr. Sandeep Kumar	Visiting Professor	ChE	18.12.2023
5	Dr. Patchigolla Kumar	Adjunct Faculty	ChE	18.12.2023
6	Dr. Sanjay Kumar Jain	Visiting Professor	CoEDMM	20.12.2023
7	Dr. R. R. Sonde	Visiting Professor	CFSE	01.01.2024
8	Dr. Maithili Sharan	Visiting Professor	CoEDMM	05.02.2024
9	Dr. T. P. Singh	Visiting Professor	BSBE	10.02.2024
10	Dr. Noel Buckley	Visiting Professor	MFSDSAI	20.02.2024
11	Dr. D. S. Khatri	Visiting Professor	MFSDSAI	21.02.2024
12	Dr. Nishi Kant Bhardwaj	Visiting Professor	PT	21.02.2024
13	Dr. R K Malhotra	Visiting Professor	CFSE	28.02.2024
14	Dr. Ayush Kumar	Visiting Faculty	BSBE	29.02.2024
15	Dr. Sheldon S Williamson	Visiting Professor	EE	04.03.2024
16	Dr. Ajay K. Dalai	Adjunct Professor	ChE	12.03.2024
17	Dr. Ajay Mahajan	Adjunct Professor	MIE	12.03.2024
1.	Mr. Sahil Sardana	Asstt. Registrar	Dir. Office	22.12.2023
2.	Mrs. Anita Chauhan	Asstt. Registrar	Pension & Training Cell	29.12.2023
3.	Mr. Lekhraj	Asstt. Registrar	Admn.	29.12.2023



- (v) The following Faculty members have been moved to next higher Pay Level:

Sr. No.	Name	Designation	Department/Centre	Date of Promotion
<b>From Associate Professor (PL-13A2) to Professor (PL-14A)</b>				
1	Dr. Abhayanand Singh Maurya	Professor	ES	13.03.2024
2	Dr. Dheeraj Kumar Khatod	Professor	EE	13.03.2024
3	Dr. Rajib Lochan Dhar	Professor	MS	13.03.2024
4	Dr. Anil Kumar Gourishetty	Professor	Physics	13.03.2024
<b>From Assistant Professor (PL-13A1) to Associate Professor (PL-13A2)</b>				
1	Dr. Ram Sateesh Pasupuleti	Assoc. Prof.	A&P	13.03.2024
2	Dr. Maya S. Nair	Assoc. Prof.	BSBE	13.03.2024
3	Dr. Sulakshana Pradyot Mukherjee	Assoc. Prof.	BSBE	13.03.2024
4	Dr. Taraknath Das	Assoc. Prof.	ChE	13.03.2024
5	Dr. Ravindra Pandey	Assoc. Prof.	CY	13.03.2024
6	Dr. Amit Agarwal	Assoc. Prof.	CE	13.03.2024
7	Dr. Sohom Chakrabarty	Assoc. Prof.	EE	13.03.2024
8	Dr. Biplab Sarkar	Assoc. Prof.	ECE	13.03.2024
9	Dr. Chaman Kumar	Assoc. Prof.	Maths.	13.03.2024
10	Dr. Varun Sharma	Assoc. Prof.	MIE	13.03.2024
11	Dr. Abhishek Tewari	Assoc. Prof.	MME	13.03.2024
12	Dr. Kirtiraj K. Gaikwad	Assoc. Prof.	PT	13.03.2024
13	Dr. Arup Samanta	Assoc. Prof.	Physics	13.03.2024
14	Dr. Sachin Kumar Srivastava	Assoc. Prof.	Physics	13.03.2024
<b>Movement from PL-12 to PL-13A1</b>				
1	Dr. Gargi Singh	Asstt Prof. Gr.-I	CE	12.05.2022
2	Dr. Abhay Kumar Sah	Asstt Prof. Gr.-I	ECE	25.10.2023
3	Dr. Raksha Sharma	Asstt Prof. Gr.-I	CSE	20.11.2023
4	Dr. Saurabh Vijay	Asstt Prof. Gr.-I	CE	07.12.2023
5	Dr. Varun A Baheti	Asstt Prof. Gr.-I	MME	28.12.2023
6	Dr. Arka Lahiri	Asstt Prof. Gr.-I	MME	25.01.2024
<b>Movement from PL-11 to PL-12</b>				
1	Dr. Rajeshwar Reddy Eleti	Asstt Prof. Gr.-I	MME	28.04.2022
2	Dr. Abdul Saleem Mir	Asstt Prof. Gr.-I	EE	02.07.2023
3	Dr. Amit Choudhary	Asstt Prof. Gr.-I	MIED	06.07.2023
4	Dr. Tharun Kumar Reddy Bollu	Asstt Prof. Gr.-I	ECE	06.07.2023

5	Dr. Sanhita Das	Asstt Prof. Gr.-I	CE	03.08.2023
6	Dr. Rajarshi Chakravarti	Asstt Prof. Gr.-I	ES	18.08.2023
7	Dr. Nikhil Kumar Singh	Asstt Prof. Gr.-I	MIE	26.10.2023
8	Dr. Pravendra Singh	Asstt Prof. Gr.-I	CSE	04.11.2023
9	Dr. Shruti Sengupta	Asstt Prof. Gr.-I	HSS	11.11.2023
10	Dr. Abhishek Samantray	Asstt Prof. Gr.-I	HSS	24.11.2023
11	Dr. Bibhuti Ranjan Bhattacharjya	Asstt Prof. Gr.-I	Design	29.11.2023
<b>Movement from PL-10 to PL-11</b>				
1	Dr. Hari Venkatesh	Asstt. Prof. Gr.-II	HSS	08.02.2024
2	Dr. Anamika	Asstt. Prof. Gr.-II	MS	10.02.2024

(vi) The following Faculty and Officers (Group 'A') have superannuated.

Sr. No	Name	Designation	Department	Date of Superannuation
1	Dr. U. K. Ghosh	Professor	PPE	31.12.2023
2	Dr. C. Balomajumder	Professor HAG	ChE	31.01.2024
3	Dr. Mohd. Israil	Professor HAG	ES	29.02.2024
4	Sri Kishan Pal Singh	Sr.Security Officer	Security Office	31.01.2024

(vii) The following faculty members has resigned:

Sr. No	Name	Designation	Department	Date of resignation
	Dr. Soma Rohatgi	Assoc. Professor	BSBE	09.01.2024

(viii) The following Faculty members have been brought on regular cadre:

Sr. No.	Name	Designation	Department / Centre	Date of Regularization
1	Dr. Rajeshwar Reddy Eleti	Asstt. Prof. Gr.-I	MME	28.04.2023
2	Dr. Sudakshina Dutta	Asstt. Prof. Gr.-I	CE	13.05.2023
3	Dr. Gautam Agarwal	Asstt. Prof. Gr.-I	MME	25.05.2023
4	Dr. Sudheer Kumar Tiwari	Asstt. Prof. Gr.-I	ES	02.08.2023
5	Dr. Sohom Ray	Asstt. Prof. Gr.-I	EQ	08.08.2023
6	Dr. Mohit Prakash Mohanty	Asstt. Prof. Gr.-I	WRDM	23.08.2023
7	Dr. Arnab Dey	Asstt. Prof. Gr.-I	EED	06.09.2023

8	Dr. Dharmendra Pratap Singh	Asstt. Prof. Gr.-I	ES	09.09.2023
9	Dr. Ashutosh Sharma	Asstt. Prof. Gr.-I	Hydrology	21.10.2023
10	Dr. Debiprasanna Sahoo	Asstt. Prof. Gr.-I	CSE	14.11.2023
11	Dr. Ambrish Pandey	Asstt. Prof. Gr.-I	Physics	02.01.2024

- (ix) The applicability of the same fee structure to students taking admission in B.Des programme at par with other U.G. programmes as recommended by the Deans Committee.

**Item No. 69.5: To consider a proposal of fellowship revision for Institute-Post Doctoral Fellowships (PDF).**

**RESOLUTION No. BG/01/2024:** The Board considered the recommendations of the Finance Committee and resolved that the Institute-Post Doctoral Fellowships (IPDF) be revised to Rs.80000/- per month alongwith applicable HRA.

Further, the Board decided that IPDF strength in a department will not be more than 20% of the vacant faculty strength in the department.

**Item No.69.6: To consider the proposal for creating 05 Faculty Positions at the level of Assistant Professors for the newly established Centre for Sustainable Energy (CSE).**

**RESOLUTION No. BG/02/2024:** The Board considered the item and resolved that the proposal of creating 05 regular faculty positions at the level of Assistant Professors, against the overall faculty sanctioned strength for the newly established Centre for Sustainable Energy (CSE) be approved.

**Item No. 69.7: To consider the proposals as recommended by the B&WC in the meetings to be held on 08.04.2024.**

**RESOLUTION No. BG/03/2024:** The Board considered the item and resolved that the following proposals as recommended by the B&WC and Finance Committee be approved:

Sl. No.	Name of work	Revised estimated Cost (in cr.)
1.	To report the approval granted on proposed preliminary estimates by the	Approved the estimated cost of Rs.81.95 cr. Further, the Board resolved that while planning

	Chairman, B&WC w.r.t. the Board approved proposal for the construction of a new Administrative Building at IIT Roorkee campus.	architecture of new administrative building, the architecture character of James Thomason Building should be kept alive in the new building. The alumni funding for this project be explored besides HEFA loan.
2.	To consider a revised proposal for the construction of a Research Park cum Convention Centre at Niti Nagar area.	Approved the estimated cost of Rs.194.70 crores for built up area 30,000 sq.m. under Research Park.  Further, the Board advised that the proposal should only be for R&D Park instead of Research Park cum Convention Centre.
3	To consider the revised proposal for the construction of Multistoried Housing for B-category staff at Sheel Kunj area- 160 Units.	Approved the revised estimated cost of Rs. 77.00 Cr.
<b>The B&amp;WC tabled estimates at recommended item 50.8</b>		
4.	To consider a proposal for providing and fixing of Lab Equipment including Fume Hoods at New Academic Building for Chemistry Department at IIT Roorkee.	Approved the estimated cost of Rs.11.75 Cr. for lab equipments and Fume Hoods as submitted by CPWD.

Further, the Board resolved to ensure that once the specifications and scope of the work is finalized and approved by the Board, no change should be allowed. This is essential to control the cost and ensure the discipline for timely completion of the project.

**Item No.69.8: To consider the minor amendments/modifications in the IITR Store & Purchase Rules 2018.**

The Board opined that the agenda needs more information for consideration. Item was deferred.

**Item No.69.9: To consider the financial status of the Budget Heads OH-31, OH-35 and OH-36 for the F.Y. 2024-25.**

**RESOLUTION No. BG/04/2024:** The Board noted the financial status of F.Y.2023-24 under budget heads OH-31, OH-35 and OH-36 alongwith the approved revised estimates for F.Y 2024-25 given at **Appendix-B**, and resolved that the matter be pursued with the Ministry for budget allocation as recommended by the Finance Committee.

**Item No.69.10: To report the status of Audit Reports and Audit observations.**

**RESOLUTION No. BG/05/2024:** The Board has taken a note of Audit Reports given at **Appendix-C**, and after deliberations on significant paras, resolved that the following recommendations of the Finance Committee be approved:

1. That on TDS observation, MoE be vigorously pursued to take-up the matter with AG Audit to treat the government funded and government Institutions at par, consistent with treatment on GST.
2. The policy for providing loan from SRIC revenue onto the ongoing research project, approved on 26.03.2024 by the Director be accepted.
3. To settle audit observations, each para be pursued with AG Audit in person.

However, the Board found that the referred audit paras were more the processional deviations and not financial irregularity.

**Item No.69.11: To report the status of pending and adjustment of advances.**

**RESOLUTION No. BG/06/2024:** The Board after taken a presentation on the status of adjusted and pending advances **Appendix-D**, resolved that AG audit be pursued regularly. All steps be taken to settle the outstanding advances.



Further, the Board desired that the personal advances be settled on priority, preferably before the next meeting of the Board.

**Item No.69.12: To consider the status of HEFA loan and other classified committed new infrastructure priority projects.**

**RESOLUTION No. BG/07/2024:** The Board taken a note on the status of HEFA loan, and resolved that the proposal for raising the IRG usable ceiling from current fifty percent as recommended by the Finance Committee be approved to pay the loans.

**Item No.69.13: To consider the modification in current practice of Pre-Auditing of bills.**

**RESOLUTION No. BG/08/2024:** The Board considered the item and resolved that the following be approved as recommended by the Finance Committee:

- (a) Continue with current practice w.r.t. payments/bills without any limit.
  - (i) Payment to examiners of Ph.D. viva
  - (ii) Payment to thesis examiners
  - (iii) Bills related to selection committee members
  - (iv) Bills related to student's contingency.
- (b) Payment/bills settlement of advances without pre-audit be revised upto Rs. 15,000/-.

**Item No.69.14: To report the current status of some major financial cum legal matters.**

The Board noted the status on the following three sub-judice financial cum legal matters:

1. The case of M/s S.K. Dynamics
2. The case of the Advatia (ERP) system
3. Embezzlement case involving Late Mr. Dheeraj Upadhyaya



**Item No.69.15: To consider a matter on distribution of incentive out of a part of Institutional Overhead Charges (IOC) generated from projects.**

The Board opined that the agenda needs more information for consideration. The item was deferred.

**Item No.69.16: To consider the proposal to register the company under the Section 8 of the companies act 2013 for the "Industry Accelerator on AARTI (Automotive and Allied Research and Technology Innovations)".**

**RESOLUTION No. BG/09/2024:** The Board considered the the Article of Association (AoA) and Memorandum of Association (MoA) for the proposed "industry Accelerator on AARTI (Automotive and Allied Research and Technology Innovations)" at IIT Roorkee as at **Appendices-E & F** respectively, and resolved that the proposal to register a Section-8 company, be approved.

**Item No.69.17: To consider a para on un-reconciled amount of Rs.102.69 crores, otherwise appearing in bank reconciliation statements pertaining to last many years.**

**RESOLUTION No. BG/10/2024:** The Board considered the item and resolved that the updated bank reconciliation statements be sent to the CAG with a request to drop the audit observation as recommended by the Finance Committee.

**Item No.69.18: To consider the status on Audit observation on reference paras:**

- (i) Non-maintenance of Projects accounts of Rs. 2.76 crores – Case of projects costs overrun.**
- (ii) Excess expenditure of Rs. 2.51 crores over sanctioned costs.**
- (iii) Un-adjusted amount of Rs.2.00 Crores due to non-closure of 320 Project accounts even after 16 financial years.**

**RESOLUTION No. BG/11/2024:** The Board noted the status on audit observations and resolved that the recently introduced policy (SoP) for providing loans and its governance as accepted by the Director given at **Appendix-G**, and recommended by the Finance Committee be approved.



Further, the Board advised to put efforts to settle the long pending outstanding amounts. The same be informed to CAG.

**Item No.69.20: To consider a para on irregular expenditure of Rs.1.21 crores from Grant-in-aid Department of Space.**

**RESOLUTION No. BG/13/2024:** The Board considered the audit observations and status on expenditure incurred from Department of Space Grant-in-aid and resolved that the complete projects summary with corresponding UCs and minutes of JPC be sent to the CAG with a request to drop the para as recommended by the Finance Committee.

**Item No.69.21: To consider a para on non-adjustment of Loans from SRIC/DDF/PDF amounting to Rs. 5.92 crores.**

**RESOLUTION No. BG/14/2024:** The Board considered the item and resolved that the recently introduced standard operating policy (SoP) for providing loans and its governance as accepted by the Director and recommended by the Finance Committee be approved.

Further, the Board resolved all loans be settled and status be communicated to the CAG. Any prospective loan granted must be settled within 90 days from the date of sanction, no request for fresh loan be accepted till the earlier amount be settled fully.

**Item No.69.22 : To consider the status of IITR Alumni Association (IITRAA) and their Registered Office.**

**RESOLUTION No. BG/15/2024:** The Board noted that IITRAA compliance upon the decisions as resolved in its 66<sup>th</sup> meeting vide resolution No.BG/20/2023. The Board decided that this matter now be stand resolved.

**Under any other item**

**Item No.69.24:** To consider the proposal for the establishment of MapmyIndia Geospatical Chair under CSR.

**RESOLUTION No. BG/17/2024:** The Board considered the item and resolved that the proposal to establish a MapmyIndia Geospatical Chair be approved subject to the Donor tops-up the donated amount as per current guidelines.

Further, the Board advised that a fresh proposal to review the Guidelines approved in the year 2010 for award of Professorial chairs be submitted in next Board meeting for further review.

The meeting ended with a vote of thanks to the Chair.

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Items under limited circulation are excluded.





INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

## Board of Governor's Meeting, 9 April 2024

*Prof. K.K. Pant, Director, IIT Roorkee*

03 MAY 2024

Appendix 'A'  
Item No. BOG/69.0



# Academic Affairs: Revitalizing Education: The New Horizon of PG Curriculum at IIT Roorkee



- ☐ Recently revised PG Curriculum at IIT Roorkee after almost a decade, and to be implemented from autumn semester 2024-2025. Aligns with **NEP-2020**
- ☐ The theme of the revision is "**RISE**", focusing on enhancing research capabilities, promoting interdisciplinary learning, strengthening societal connections, and enriching practical knowledge.

**Institute Research Day 2024** (March 13-14, 2024): Panel discussion and "Coffee with Industry Experts," closing with a IRD-2024 lecture by Dr. Kamlesh Lulla, Sr. Scientist, NASA.

## Science Day 2024 Highlights (February 28, 2024)

- ☐ **Theme:** "Indigenous Technologies for Viksit Bharat," focusing on homegrown innovations for India's development.
- ☐ **Events:** Featured a lecture by Padma Shri Prof. Anil Kumar Gupta on "Sustainability & Responsible Science," alongside competitions such as the Inter-School Science Quiz and Innovative Idea Competition. Awards were distributed to inspire students' efforts.

## Innovative Intake Modes:

- ☐ **Dynamic Options:** Students can choose between Option A (Regardless of Specializations) or Option B (Specialization-based), offering adaptability for the institute to merge or drop specialization areas.

## Structure of PG Programs

- ☐ **Tailored Learning:** Students can customize their courses based on their interests and career goals, with a focus on industrial internships, social activities, and cutting-edge technology themes.

## Basket-based Courses

- ☐ **Diverse Offerings:** Students can explore various course baskets including Program Core Courses (PCC), Specialization-based Program Elective Courses (PEC), Societal Impact-themed Social Sciences (SSC), and Science, Technology, and Advanced Research (STAR).

## Flexible Models for Master's Degree

- ☐ **Varied Paths:** Students can choose from three models for their Master's Degree – Course-based (Model-1), Thesis-based (Model-2), or M.S. (by Research) (Model-3) – each offering unique advantages for their academic journey.

## Adaptive Mechanisms and Additional Features

- ☐ **Enhanced Flexibility:** Students benefit from adaptive seat increment/decrement mechanisms, inclusion of thesis grade in CGPA calculation, early certificate issuance, and the opportunity to switch to a Ph.D. program after earning 40 credits.

## Nurturing Future Leadership Programme (March 26 - 30)

# Pioneering Academic Frontiers: New Programmes at IIT Roorkee



- ❑ Bachelor of Design (B.Des.): Cultivating innovation and creativity in design disciplines.
- ❑ B. Tech. in 'Energy Engineering': Meeting the global demand for sustainable energy solutions.
- ❑ M.Tech. in Structural and Computational Biology: Integrating biology and computational sciences for advanced research.
- ❑ M.Tech. in Biomanufacturing: Advancing biotechnology and manufacturing processes.
- ❑ M.Tech. in Space Science and Technology: Nurturing expertise in space exploration and technology.
- ❑ M.Tech. Computational Materials Engineering: Innovating materials design through computational methods.





## Sponsored Research & Industrial Consultancy (SRIC)

SRIC Data (November 2023 to till date)

- 28 MoUs, 3 MoA, with Government, Foreign companies & Corporate Industry organization.
- 82 Patents granted and 38 patents filed
- 01 F.E.P and 03 TT

Total Data

IPR	
Patents Filed	469
Patent Granted	211
Faculty Entrepreneurships	34
Technologies Transferred	21

## Financial Outlay of SRIC

Year 2023-2024		
	Total No. of Projects	Total Outlay (in Cr.)
Research Project	291	₹172.9845
Consultancy Project	990	₹105.9445051
CEC Project	62	₹9.6529601
Conference/Workshop/Seminar	49	₹3.2483483
<b>Total</b>		<b>₹291.8303135</b>

Ongoing R&D Projects	
Research Projects - 663	389.78 Cr
Consultancy Project - 1539	205.49 Cr

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## IIT Roorkee has signed MoU with Ministry of Heavy Industries

To set up "Industry Accelerator for AARTI (Automotive & Allied Research and Technology Innovations) and Center of Excellence (CoE) under the MHI Indian Capital Goods Scheme –Phase II of the Ministry of Heavy Industries, Government of India. The Government of India "in principle" approved the grant for Rs. 24.7215 crore (with 20 % contribution from industry partner.



## IIT Roorkee has signed MoU with Director General Armed Forces Medical Services (DGAFMS)

To promote Collaborative research in biomedical aspects of Combat Medical Support and hospital care. Faculty exchange programs, joint academic activities and events towards the mutual exchange of ideas, and furthering medical research in AFMS, nanotechnology.





## Major Events held

- IIC Regional Meet 2023 (23.11.2023): The Ministry of Education's Innovation Cell (MIC) hosted regional meets to celebrate the contributions of IIC institutions and IIC institutions in institutionalizing and streamlining campus innovation ecosystems. IIT Roorkee was invited to showcase its three (3) YUKTI Nominated Innovations/Start-ups for Demonstration & Participation in Mentor Cum Pitching Round.
- Viksit Bharat @2047: Voice of Youth" is a national initiative launched by the Prime Minister on December 11, 2023, aimed at harnessing the potential of India's youth for the nation's development. It encourages active participation of students and youth from educational institutions in shaping the future of the country.
- Empowering India: Nurturing Education, Innovation & Cultural Legacy
- IPR awareness session in the Department of Electronics and Communication Engineering
- Accelerating Ideas into Patents Using AI
- Innovation, Intellectual Property Rights (IPR), and Entrepreneurship Development
- India's Techade: Chips for Viksit Bharat
- Zee business conclave
- Visits organized- Garhwal Rifles Infantry
- Events Organised– World Entrepreneurs Day, Institute Research Day, India's Techade: Chips for Viksit Bharath, Empowering India, Webinar on Sustainability and Waste Management, Sociothon, IIC Regional Meet 2023, IPR awareness session in the Department of Electronics and Communication, Viksit Bharat @2047: Voice of Youth, Accelerating Ideas into Patents Using AI, Innovation, Intellectual Property Rights (IPR), and Entrepreneurship Development, Role of Women in Sustainable Innovation



## STUDENT ACTIVITIES: NSS, HEC & SPORTS



- **Education and Career Development-** Organized career guidance workshop for 9th to 12th graders at Jatol Village, and also ran a Mega Mentorship program for JEE Mains.
- **Community Outreach and Service:** Waste management drive in Bahadurpur Jat Village, Visit to Mubarikpur village for the event "Health and Hygiene", Blanket distribution with Robinhood Army to needy, Medicine Collection and Cloth Donation Drive
- **Health and Awareness Campaign:** Self-defense workshop for girls, Blood Cancer Awareness workshop by DKMS-BMST, Health week challenge, including cycling and running, First Aid Workshops
- **Environmental Sustainability:** Zero Waste Week consisting of a variety of case comps, e-Waste collection drives, Case Study on Sustainability, Joined forces with Elixir Foundation for leading the charge in sustainability
- **Road Safety Campaigns:** 34<sup>th</sup> and 35<sup>th</sup> National Road Safety Month consisting of ideation and various other safety measures hackathons
- Treks organized by **Himalayan Explorers Club**- Dayara Bugyal Trek, Kheerganga Trek, Khaliya Top Trek, Kuari Pass Trek, Auli Skiing Trek
- Participation in Half-Marathon organised by District Administration and coordinated by Institute Sports Council on Feb 18, 2024.
- **Sangram 2024:** Annual sports festival Sangram 2024 was organized between 29 - 31 March, 2024.



# Events organized by NCC, NSO & CULTURAL COUNCIL



- Combined Annual Training Camp (27th November – 05th December 2023)
- Training and Classes for NCC Certification Exam (January-February 2024)
- 56<sup>th</sup> Inter IIT Sports Championship held at IIT Bombay & IIT Gandhinagar, December 2023
- IIT Roorkee's contingent participated in the swimming events and Water Polo (Boys) game in the Inter IIT Aquatic Meet -2023 held at IIT Gandhinagar.
- IIT Roorkee Contingent bagged **Overall Championship** by scoring 84.7 points
- IIT Roorkee Athletic Women Team bagged Second Place in **Athletics Championship Women** by 34 points.
- IIT Roorkee Athletic Men Team bagged Third Place in **Athletics Championship Men** by 29 points.
- **General Athletics Championship Men** won by IIT Roorkee by 60 Points.
- Inter IIT Cultural GC Excellence
- Darpan 24 Art Exhibition
- Uttarayan 24 Festivities
- Virasat 24 Cultural Extravaganza



# Faculty Affairs



## No. of faculty joined: (November 2023 to till date)

Assistant Professor - 16 (Direct Recruitment)

Associate Professor – 14 (Promotion)

Professor – 4 (Promotion)

## No. of Visiting/Adjunct Professor joined:

Visiting Professor – 13

Adjunct Professor – 3

## No. of Assistant Professor moved to next Pay Level:

Movement (PL 12 - PL 13 A1) - 6

Movement (PL 11 - PL 12) - 11

Movement (PL 10 - PL 11) - 2

## Category-wise details of faculty joined:

Position	UR	SC	ST	OBC	Total
Assistant Professor	8	3	-	5	16
Associate Professor	14	-	-	-	14
Professor	3	-	-	1	4

No. of faculty members brought on regular cadre- 11

No of faculty got re-employment- 13

No of faculty Superannuated - 3

No of faculty Resigned - 1

1. We are holding weekly meeting with assistant professors from different departments. In this way, we are meeting all the assistant professors in the institute.

2. We conducted a meeting of all the DFSCs to discuss the procedure of working and also discussed ideas regarding active solicitation of good faculty applications.



## Recruitment Data (November 2023 to till date)

### • Non-teaching Recruitment

- ✓ No of offers uploaded on DoPT portal: 43
- ✓ No of promotion order issued: 41 (uploaded on DoPT portal)
- ✓ No of applications received for promotion (which is likely to be completed by 31<sup>st</sup> May 2024): 46

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## Alumni Affairs: Key Highlights



- **MoU Signing:** Total 21 Corporates of Rs. 4,56,91,527/- were established from 19th Nov, 2023 to 31st March 2024, out of which 3 MoUs were revised and 3 Addendums of Rs. 25,91,827/- were made during that period.
- **Donation received:** The total donation (both Alumni and non-Alumni) received from 19.11.2023 to till date is Rs. 18,70,88,824/-.
- **Profile Verification:** DORA Office, IITR has succeeded to complete 46,700 verified alumni profiles connected with its global network of Alumni.
- **Financial support to students:** Total 72 students recommended for partial support to present papers in international conferences from 19.11.2023 to till date.

**Visit to United States for participating in IIT2024 Global Conference at Gaylord National Resort and Conference Center, in Washington DC during 12th - 14th January 2024**

### HORIBA Talent Hunt Scholarship Ceremony

Dr Rajeev Gautam, Corporate Officer, HORIBA, Ltd., President, HORIBA India and an Alumnus of IITR, initiated the Horiba India Talent Hunt Scholarship in 2023 and continued his contribution this year as well under CSR activity. He donated Rs. 20 lac. The scholarship was awarded to a group of 20 meritorious awardees.



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## Alumni Affairs

### Foundation Day Celebration- November 25, 2023

IIT Roorkee marked its 176th Foundation Day on November 25, 2023. On the occasion of the Foundation day, DORA Office celebrated Distinguished Alumnus Awards Ceremony and Distinguished Young Alumnus Awards Ceremony, recognizing the outstanding accomplishments of its Alumni.





## Highlights of Saharanpur Campus (SRE Campus)

- Inauguration of Newly Renovated Guest House at SRE Campus
- Inauguration of Renovated Laboratories of Paper Technology Department
- Prof. K.K. Pant addressed the Inauguration of Research Scholar's Day, Department of Polymer and Process Engg. Experts of Industry, Academia and Research Laboratories and the role of Polymer Scientists and Engineers ensuring Sustainable Development was discussed.
- Blood Donation Camp
- CRY Initiative in the Campus
- FREE Coaching/tuition for Poor Children by M.Tech./Ph.D. scholars at SRE Campus

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**FINANCIAL STATUS UNDER OH-31, OH-35 & OH-36  
(SUMMARY)**

(Rs. in Crore)

Object Head and Components	F.Y. 2023-24					F.Y. 2024-25	
	Budget		Actual Expenditure			Budget Estimate	
	Approved by BoG	Released by MoE	From MoE Fund	From Institute Resources	Total	Already approved by BoG	Revised Estimate
<b>OH-31</b> Pension , Fellowship , Non Salary Components & Interest on HEFA loan	324.00	318.35	318.35	20.30	338.65	365.00	365.00
<b>OH-35</b> Creation of Capital Assets	200.00	175.10	175.10	13.37	188.47	225.00	225.00
<b>OH-36</b> Salary (Teaching & Non-Teaching)	285.00	278.99	278.99	0.12	279.11	310.00	310.00
<b>Total (OH-31+35+36)</b>	<b>809.00</b>	<b>772.44</b>	<b>772.44</b>	<b>33.79</b>	<b>806.23</b>	<b>900.00</b>	<b>900.00</b>

Appendix 'B'  
Item No. BOG/69.9



# FINANCIAL STATUS UNDER OH-31 (SUMMARY)

(Rs. in Crore)

Object Head and Components under OH-31	F.Y. 2023-24					F.Y. 2024-25	
	Budget		Actual Expenditure			Budget Estimate	
	Approved by BoG	Released by MoE	From MoE Fund	From Institute Resources	Total	Already approved by BoG	Revised Estimate
Pension	108.00	318.35	98.00		98.00	119.00	107.00
Fellowship	74.00		76.92		76.92	90.00	83.00
Contractual Staff/ Manpower	44.00		46.34		46.34	52.00	50.00
Contractual Staff/ Manpower							
Non Salary	76.00		82.74	20.30	103.04	84.00	108.00
Interest on HEFA loan	22.00		14.35		14.35	20.00	17.00
<b>Total (OH-31)</b>	<b>324.00</b>	<b>318.35</b>	<b>318.35</b>	<b>20.30</b>	<b>338.65</b>	<b>365.00</b>	<b>365.00</b>



# FINANCIAL STATUS UNDER OH-35 (SUMMARY)

(Rs. in Crore)

Object Head and Components under OH-35	F.Y. 2023-24					F.Y. 2024-25	
	Budget		Actual Expenditure			Budget Estimate	
	Approved by BoG	Released by MoE	From MoE Fund	From Institute Resources	Total	Already approved by BoG	Revised Estimate
Development of Laboratory Infrastructure, Networking & Central Facilities	59.60		104.69	13.37	118.06	100.00	124.00
Library (Books & Journals)	22.00	175.10	25.95	0.00	25.95	25.00	26.00
Building and Works	118.40		44.46	0.00	44.46	100.00	75.00
Total (OH-35)	200.00	175.10	175.10	13.37	188.47	225.00	225.00



# FINANCIAL STATUS UNDER OH-36 (SUMMARY)

(Rs. in Crore)

Object Head and Components under OH-36	F.Y. 2023-24					F.Y. 2024-25
	Budget		Actual Expenditure			Budget Estimate
	Approved by BoG	Released by MoE	From MoE Fund	From Institute Resources	Total	
Salary Teaching Staff	213.75		209.24	0.12	209.36	232.50
Salary Non-Teaching Staff	71.25	278.99	69.75	0.00	69.75	77.500
Total (OH-36)	285.00	278.99	278.99	0.12	279.11	310.00



# **FINANCIAL STATUS UNDER IRG INTERNAL RECEIPTS**

Rs. in Crore

Sl. No.	HEADS	Receipts in 2023-24	F.Y. 2024-25		
			Budget Estimate		Revised Estimate
			Already approved by BoG		
1	IRG (Student fee, Interest, user charges for electricity, houses, hostels, etc.)	102.00	102.00		105.00
2	Income committed for repayment of premium of HEFA Loan	54.45	96.47		98.00
3	<b>Balance Net Income (1-2)</b>	47.55	5.53		7.00

## SUMMARY OF INTERNAL RESOURCES GENERATION (IRG)

Rs. in Crore

Sl. No.	Account Head	2023-24	2024-25
<b>Internal Receipts</b>			
1	Fees From Students	85.00	86.00
2	Building Receipts (House license fee, Electricity, Water, Meter & license fee commercial)	5.70	6.00
3	Miscellaneous Receipts (Exam/ Transcripts/ Thesis fee, Library fee, Library fine, Grade Sheet fee, Absentia, Guest House Saving, Vehicle Charges, interest, Sales of scrap, interest on saving bank etc.)	2.30	3.00
4	Income from Investments (Interest portion utilized for IRG)	9.00	10.00
<b>Total</b>		<b>102.00</b>	<b>105.00</b>
HEFA Repayment		54.45	98.00
<b>Net IRG</b>		<b>47.55</b>	<b>7.00</b>

**Appendix 'C'**  
**STATUS OF THE AUDIT PARAS** Item No. BOG/69.10

**Transaction Audit-2022-23 (Audit Inspection Report-AIR)**

Sl. No.	Particulars	Category as per decision of BoG			Number of Paras
		A	B	C	
		Part 2A (Significant)	Part 2B (Other incidental findings)	STAN (Supplementary test audit note )	
	<b>Already reported to FC/BoG in last meeting</b>				
1.	Outstanding Audit Paras up-to 2021-22	08	26	11	45
2.	Less: paras dropped up-to 2021-22	03	16	02	21
3.	<b>Remaining Paras</b>	<b>05</b>	<b>10</b>	<b>09</b>	<b>24</b>
	<b>Audit paras received after last meeting of FC and BoG</b>				
4.	Add: Paras raised for F.Y. 2022-23	06	12	0	18
5.	<b>Total No. of outstanding paras</b>	<b>11</b>	<b>22</b>	<b>09</b>	<b>42</b>

Audit Inspection Report for the F.Y. 2022-23 has been received on 29.02.2024 and we will submit the reply to AG within a month time with the request to drop the audit paras on the basis of replies submitted.



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Sl. No.	Year & Audit observation No.	Audit observation Summary	Related Office/Department	Remark
<b>New Very Serious Audit Observations for F.Y. 2022-23</b>				
1.	2022-23 2(A) - 1	Rs. 1.38 crores less deduction of TDS on the non-exempted 4% NPS contribution (Employer)	<u>TDS on NPS</u>	The IITs are setup by an act of the Parliament and are subject to CAG audit. Further, all the adherence to the rules and provisions as applicable to any Government department are stringently applied to the IIT also, specially in terms of utilization of Government Grants and Pay scales, allowances etc. In view of this, it is evident that the employees of IIT are equivalent to Government employees in terms of service conditions and related matters. Therefore, FC and BoG is requested to allow to send the request to Ministry to consider the status of employees equivalent to Govt employees. Ministry shall also be requested to take up the matter to resolve this type of issues with the AG office.
2.	2022-23 2(A) - 4	Non- Deduction of TDS amounting to Rs. 3.29 crore from terminal benefits provided to retiring employees of the institute.	<u>TDS on retirement benefits</u>	
3.	2022-23 2(A) - 3	Institute make irregular expenditure of worth Rs. 1.38 crores.	<u>Institute Departments</u> <u>Works</u>	This is related to purchase of furniture through Rate contracts. As per Audit observation rate contracts are not allowed in GFR. Therefore, separate agenda is being submitted to FC/BoG for dropping the Rate Contracts from the institute purchase rules.
4.	2022-23 2(A) - 2	Loss of Rs. 2.76 crore IIT Roorkee due to non-maintenance of projects account.	<u>SRIC</u>	Being put up as separate agenda.
5.	2022-23 2(A) - 5	Irregular expenditure in project works of Rs. 3.03 crore by SRIC office in IIT Roorkee.	<u>SRIC (Prof. Kamal Jain)</u>	
6.	2022-23 2(A) - 6	Irregular award of works, services and purchases tune to Rs. 2.30 crore.	<u>SRIC (Prof. Kamal Jain)</u>	

Sl. No.	Year & Audit observation No	Audit observation Summary	Related Office/ Department	Remark
<b>Very Serious Audit Observations the F.Y. 2021-22 and previous years</b>				
7.	2021-22 2(A)-1	Non Deduction of TDS of Rs. 6.47 crores on perquisites	<u>TDS on Perquisites</u>	<p>The reply of this point is also same as applicable in the case of (1) and (2) above.</p> <p>This issue is related to accommodation provided to faculty and staff. As per Income Tax Department, housing shall be treated as taxable perquisite as done in the case of private sector employees.</p> <p>As per rules Government Employees are not liable to any tax on accommodation provided to employees. But Audit is not treating IIT's employees status similar to Govt employees in the case of accommodation provided.</p> <p>Director, IIT Roorkee has already replied to AG office and Ministry to consider the issue. The reply by the Director is attached / linked. <a href="#">Click here</a></p>
8.	2020-21 2(A)-1	There was un-reconciled amount of Rs. 102.69 crores even after the laps of 1 to 12 financial years in the SRIC department in IIT, Roorkee.	<u>SRIC</u>	Rs. 102.36 crores have been reconciled out of 102.69 crores, remaining Rs. 0.33 crore is under reconciliation.
9.	2019-20 2(A)-1	Excess payment of 78.46 lakhs to the executive body	<u>Institute Works Departments</u>	The revised reply is being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit.
10.	2014-15 2(A)-1	Irregular payment of Rs. 64.68 lakh due to non-adherence of service tax provisions	<u>Guest House- N. C. Nigam. KIH, CCB &amp; Security office</u>	The observation has already reported in the PAC. Director, IIT Roorkee was also invited in the meeting. No further action is advised to the IIT Roorkee
11.	2014-15 2(A)-2	Cancelled the contract and given to new contractor due to non-completion of work on time which incurred a loss of Rs. 234 lakh.	<u>Institute Works Departments</u>	The revised reply is being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit.

# CATEGORY - B - AUDIT OBSERVATION RELATED TO 2(B) OTHER INCIDENTAL FINDINGS

Sl. No.	Year & Audit Para No.	Audit observation Summary	Related Office /Department	Remark
<b>New Serious Audit observations for the F.Y. 2022-23</b>				
1.	2022-23 2(B)- 5	Non-adjustment of loan amount taken from SRIC fund and PDF & DDF bank account of amounting of more than Rs. 5.92 crore for other Research and Consultancy projects.	<u>SRIC</u>	The revised replies are being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit" with the signature of the Director.
2.	2022-23 2(B)- 11	Incompetent firms were awarded contract amounting to Rs. 30.85 lakh.	<u>SRIC</u>	
3.	2022-23 2(B) - 4	Proper planning in the purchase of furniture could have saved more than Rs. 18.18 lakh.	<u>Institute Works Departments</u>	
4.	2022-23 2(B) - 7	Objectives not attained even after expenditure to the tune of Rs. 400.53 crores in IIT Roorkee	<u>Institute Works Departments</u>	
5.	2022-23 2(b)-3	Non fulfilling the objectives for spending Rs. 46.19 crore in advance for purchase of equipment and machinery.	<u>MM Section</u>	
6.	2022-23 2(B)- 9	Non-deduction of penalty on purchasing of medicines caused a loss of Rs. 42450.00	<u>Hospital</u>	
7.	2022-23 2(B)- 1	Non realization of dues from NC Nigam and KIH Guest houses of amounting Rs. 5.04 lakh	<u>Guest House</u>	
8.	2022-23 2(B)-12	Non-compliance of rules related to physical verification of books by the library	<u>Library</u>	
9.	2022-23 2(b)-8	Contrary to rules, Goods and services worth Rs 4.07 crore to be purchased in pieces.	<u>Related to Department</u>	
10.	2022-23 2(B)-2	(I) Purchase of Rs. 4.47 crores against the GFR (II) Purchase of Rs. 8.79 crores by against the rule	<u>Purchase from GeM</u>	
11.	2022-23 2(b)-6	Difference of Rs. 67.07 lakh due to non-reconciliation of accounts in Balance sheet 2022-23	<u>Non-reconciliation</u>	
12.	2022-23 2(b)-10	The Institute proceeded with a limited tender purchase (LPC) despite the availability of items at a lower price on the Government E-market place (GeM).	<u>LPC despite to GeM</u>	

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[Signature]

Serious Audit Observations the F.Y. 2021-22 and previous years			
			SRIC
13.	2020-21 2(B) - 5	Irregular expenditure of Rs. 1.21 crore of the Department of space regarding ISRO by SRIC in IIT Roorkee.	<u>Institute Works Departments</u>
14.	2019-20 2(B) - 1	Non-recovery of license fee of Rs. 91.25 lakh by the institution	<u>Institute Works Departments</u>
15.	2021-22 2(B) - 10	Non utilization of 160 tables and chairs in GNEC IIT Roorkee.	<u>Related to Department</u>
16.	2019-20 2(B)-7	Completion of works worth Rs 16.65 crore of similar nature in parts against rules	<u>MM Section</u>
17.	2019-20 2(B) - 5	Non-disposal of useless material worth Rs. 429.10 lakhs	<u>MM Section</u>
18.	2021-22 2(B) - 6	Loss of revenue due to non-imposing of penalty as liquidated damage amounting to Rs. 4.36 lakhs.	<u>Hospital</u>
19.	2021-22 2(B) - 9	Non-imposition of penalty on supplier for the delay in supply of medicines to Institute Hospital of IIT Roorkee Rs. 2.57 lakh	<u>Related to work hire staff</u>
20.	2019-20 2(B) - 6	Non deduction of Rs. 89.24 lakh from casual Employees wages as EPF contribution.	<u>This observation is regarding less funding provided to IIT Roorkee in comparison to actual requirement.</u>
21.	2021-22 2(B) - 2	Infrastructure needs of 175 years old Institution IIT Roorkee, is to be fulfilled as approved by the BoG and to increase the ranking of the Institute.	<u>Advance related to Letter of credit, faculty and staff</u>
22.	2021-23 2(B) - 3	Non-Adjustment of advances for the period up to 26 years - Rs. 130.14 crore.	

The revised replies are being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit" with the signature of the Director.

Serious Audit Observations the F.Y. 2021-22 and previous years			
			SRIC
13.	2020-21 2(B) - 5	Irregular expenditure of Rs. 1.21 crore of the Department of space regarding ISRO by SRIC in IIT Roorkee.	
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15.	2021-22 2(B) - 10	Non utilization of 160 tables and chairs in GNEC IIT Roorkee.	<u>Institute Works Departments</u>
16.	2019-20 2(B)-7	Completion of works worth Rs 16.65 crore of similar nature in parts against rules	<u>Related to Department</u>
17.	2019-20 2(B) - 5	Non-disposal of useless material worth Rs. 429.10 lakhs	<u>MM Section</u>
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22.	2021-23 2(B) - 3	Non-Adjustment of advances for the period up to 26 years - Rs. 130.14 crore.	<u>Advance related to Letter of credit, faculty and staff</u>

The revised replies are being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit" with the signature of the Director.

Serious Audit Observations the F.Y. 2021-22 and previous years			
			SRIC
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15.	2021-22 2(B) - 10	Non utilization of 160 tables and chairs in GNEC IIT Roorkee.	<u>Institute Works Departments</u>
16.	2019-20 2(B)-7	Completion of works worth Rs 16.65 crore of similar nature in parts against rules	<u>Related to Department</u>
17.	2019-20 2(B) - 5	Non-disposal of useless material worth Rs. 429.10 lakhs	<u>MM Section</u>
18.	2021-22 2(B) - 6	Loss of revenue due to non-imposing of penalty as liquidated damage amounting to Rs. 4.36 lakhs.	<u>MM Section</u>
19.	2021-22 2(B) - 9	Non-imposition of penalty on supplier for the delay in supply of medicines to Institute Hospital of IIT Roorkee Rs. 2.57 lakh	<u>Hospital</u>
20.	2019-20 2(B) - 6	Non deduction of Rs. 89.24 lakh from casual Employees wages as EPF contribution.	<u>Related to work hire staff</u>
21.	2021-22 2(B) - 2	Infrastructure needs of 175 years old Institution IIT Roorkee, is to be fulfilled as approved by the BoG and to increase the ranking of the Institute.	<u>This observation is regarding less funding provided to IIT Roorkee in comparison to actual requirement.</u>
22.	2021-23 2(B) - 3	Non-Adjustment of advances for the period up to 26 years - Rs. 130.14 crore.	<u>Advance related to Letter of credit, faculty and staff</u>

The revised replies are being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit" with the signature of the Director.

# Category – C – Audit Observation related to STAN (Supplementary test audit note)

Sl. No.	Year & Audit Para No.	Audit observation Summary	Related Office/Department	Remark
1.	2020-21 STAN(02)	Journals worth Rs. 17.86 lakh not supplied from 01 to 03 years despite making advance payment.	<u>Library</u>	The revised replies are being prepared with the concerned departments/offices and will be submitted to the "Principal Director of Audit" with the signature of the Director.
2.	2020-21 STAN(03)	2300 books not returned from users to the library even after falling due for the period ranging 01 to 10 years ago.	<u>Library</u>	
3	2021-22 STAN(03)	Journals worth Rs. 2.54 lakh not supplied from 01 to 08 years despite making advance payment.	<u>Library</u>	
4.	2021-22 STAN (01)	Excess expenditure of Rs. 2.51 crore over sanctioned cost in SRIC of IIT, Roorkee.	<u>SRIC</u>	
5.	2021-22 STAN (02)	Non-closure of 320 Project accounts even after the lapse of more than 16 financial years and an amount of Rs. 2.00 crore remain un-adjusted in the respective bank accounts in SRIC Department of IIT Roorkee.	<u>SRIC</u>	
6.	2020-21 STAN(01)	Not getting the adjustment (551 cases) of advances of Rs. 176.91 crore even after the laps of one to 25 financial year.	<u>Advance related to Letter of credit, faculty and staff</u>	
7.	2020-21 STAN(04)	Goods worth Rs. 28.34 lakh not purchased through GeM as per GFR 2017.	<u>Related to Departments</u>	
8.	2018-19 STAN(01)	Non-disposal of colour Doppler (Ultrasound Machine)	<u>Hospital</u>	
9.	2017-18 STAN (08)	Irregular purchase in violation of financial rules of Rs. 345.26 lakh	<u>MM Section</u>	

## STATUS OF ADVANCES

Mainly three types of advances.

- Advances to Employees (TA, medical, LTC, study tours etc)
- Advance for Building construction ( For CPWD / NBCC etc)
- Other capital nature advances / Letter of credits

  
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**STATUS OF PENDING ADVANCES PRIOR TO MARCH 2018:**

- As per letter no. F.No. 7-14/2023-TS-1 dated 09.10.2023 from MoE/AG, 94 advances of Rs. 185.01 lakh were pending ([Click here](#)).
- In November 2023 BoG was informed that all these 94 advances will be settled in very short period.
- Very strict measures (like deduction from salary with interest) were adopted in the case of pending advances . All the 94 advances were settled in a month time and the MoE/ AG was informed regarding this extensive exercise. ([Click here](#)).

  
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➤ Few pending advances related to Building construction / capital nature (Prior to

March 2018:

Particulars				Nos. of advances	Amount in lakhs
<b>Building Construction to CPWD:</b>				3	2963.00
				1	699.00
<b>Other Capital expenses / letter of credit:</b>				4	3662.00
This is related to M/s S.K. Dynamics. The matter is under the legal channel.					
<b>Total</b>					

## **STATUS OF PENDING ADVANCES FROM APRIL 2018 TO MARCH 2023:**

As reported by AG in the recent letter received in February 2024 ([Click here](#))

Particulars	Nos. of advances	Amount in lakhs	Remarks	Details
Advances for TA, Study tours, medical, perks, and other minor expenses	31	167.00	Out of 167 lakhs –For 97 lakhs papers received for adjustment. Remaining 70 lakhs will be adjusted soon.	<u>Details attached</u>
Building Construction to CPWD	4	829.00	IWD is pursuing with the CPWD for earliest settlement	
Other Capital expenses / letter of credit	7	1111.00	Discussed with departments. These will be settled soon.	
<b>Total</b>	<b>42</b>	<b>2107.00</b>		

Strict measures is a continuous policy now and all the above advances will be adjusted very soon. Status will be reported in next FC/BoG.

  
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**(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING SHARE CAPITAL)**  
**UNDER SECTION 8 OF THE COMPANIES ACT, 2013**  
**ARTICLES OF ASSOCIATION**  
**OF**  
**INDUSTRY ACCELERATOR for AARTI (Automotive and Allied Research and**  
**Technology Innovations)**

**PRELIMINARY**

1. Subject as hereinafter provided, the Regulations contained in Table 'H' of the Schedule I to the Companies Act, 2013 shall apply to the Company, except in so far as they are not inconsistent with any of the provisions contained in these Article and except in so far as they are hereinafter implied or expressly modified or added or excluded or altered or amended from time to time.

**INTERPRETATION**

2. (A) In these regulations
  - a. "Company" shall mean the "Industry Accelerator for AARTI"@@ incorporated under section-8 of the Companies Act 2013
  - b. "IIT Roorkee" or "IITR" means Indian Institute of Technology Roorkee, Roorkee (Statuary body setup under an act of Parliament).
  - c. Government shall mean Government of India;
  - d. "Act" shall mean the Companies Act, 2013 or any statutory modification(s) thereof from time to time;
  - e. "Board" or "Board of Directors" shall mean the Board of the Company formed under these Articles;
  - f. "Member" means a person who agrees in writing to become a member of the Company and whose name is entered in the register of the members of the Company."
  - g. "Annual General Meeting" or "AGM" shall mean a General Meeting of the members held by the Company annually, in accordance of the provisions of Section-96 of the Act;
  - h. All the general meetings of the members other than the AGM shall be called "Extraordinary General Meeting" or "EGM".
  - i. "Board Meeting" shall mean a meeting of the Directors of the Company.
  - j. "Board" or "Board of Directors" shall mean the Board of the Company formed under these Articles.
  - k. "Director" means the Director acting as a member of the Board of Directors of the Company.
  - l. "Ex-Officio Director (s)-IITR" shall mean the Directors of the Company by virtue of their positions in IIT Roorkee.
  - m. Ex-Officio Director-Director IITR" is the Director of Indian Institute of Technology, Roorkee (Statuary body setup under an act of Parliament).
  - n. "Office" means the Registered Office for the time being of the Company.

@@: Name of the Company, subject to necessary approvals from

(B) Unless the context otherwise requires, words or expressions contained in these regulations shall have the same meaning as in the Act or any statutory modification thereof in force at the date at which these regulations become binding on the company.

  
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## **PRIVATE COMPANY**

3. The Company shall be a "Private Company" limited by guarantee not having a share capital and will be subjected to the restrictions imposed on a private company as defined under section 2(68) of the, Companies Act 2013 and accordingly:

- a) The numbers of members shall be restricted to 10
- b) No invitation shall be issued to the public to subscribe for any securities of the Company.

## **MEMBERSHIP**

4. The number of members with which the Company proposes to be registered is three but the Company may, from time to time, whenever the company or the business of the company requires it, register an increase of the members. Appointment of the members shall be subject to a resolution passed either in the Annual General Meeting or the Extraordinary General Meeting of the Company.

5. The subscribers to the Memorandum and such other persons as the Board shall admit to membership shall be members of the Company. The Board of Directors may admit members who agree to pay a sum of Rs. 5000/- and who can contribute to attain the objectives of the company.

6. The following person/s shall be appointed Ex-officio members of the Company by virtue of their office in IIT Roorkee:

- a) Director IIT Roorkee
- b) Deputy Director IIT Roorkee
- c) Dean SRIC IIT Roorkee

The Ex-Officio members shall be the members of the company as long as they hold these offices in IIT Roorkee.

7. The following persons shall be the first members of the Company

- i. Prof. K K Pant
- ii. Prof. Akshay Dvivedi
- iii. Mr. G K Rastogi
- iv. Mr. Ankit Trivedi
- v. Dr. Madhusudan Joshi
- vi. Mr. Saurabh Dalela
- vii. Co-Opted/Nominated Members

## **TERMINATION OF MEMBERSHIP**

10. A member of the Company shall cease to be a Member in case of the anyone or more following events:

- a) Becoming bankrupt or if he/she is ascertained to be unsound mind or he/she is convicted of an offence involving moral turpitude;
- b) voluntary resignation;
- c) Termination or expiry of the term as an Ex officio IIT Roorkee shall result in termination as Director and Member of the company
- d) Becoming incapacitated or by reason of death;

  
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For clarification, upon the demise of the member, the membership shall not vest to the legal heir of the member and shall vest automatically to the Company and the board will not be required to register any transmission of membership on any of the legal grounds.

Every time when a new Member is appointed or a member is terminated, a return to the Registrar of the Companies, Kanpur ("ROC") shall be filed electronically within 30(thirty days) from the date of passing of the Ordinary Resolution passed in the AGM or EGM for such new appointment or termination.

### **REGISTER OF MEMBERS**

11. Subject to the provisions of the Companies Act, 2013 a separate register of members shall be maintained which shall be entered the name and address and such other information about each member as the Board of Directors may decide from time to time.

### **GENERAL MEETINGS**

#### **12. Annual General Meeting (AGM)**

The Company shall each year hold, in addition to any board meeting or Extra Ordinary General meeting (EGM), a meeting as its Annual General Meeting (AGM) within 6(six) months from the end of each financial year, such that not more than 15(fifteen) months shall elapse between two Annual General Meetings, and subject to Section 96 of the Act, or such other related provision of the Act as amended from time to time

#### **13. Extraordinary General Meeting (EGM)**

Whenever the chairman thinks fit, he may call an Extraordinary general meeting of his/her own accord or on the requisition of at least one-tenth of the total number of members of the Company, specifying the objects for which the meeting is proposed to be convened subject to the provision of Section 100 of the Companies Act, 2013.

### **NOTICE OF GENERAL MEETING**

14. A general meeting of the Company may be called by giving not less than 14 (Fourteen) days' notice in writing, which should be sent to the members of the Company entitled to receive such notice, provided however, a General Meeting may be called after giving shorter notice if consent is accorded, by not less than 95% of the members entitled to vote at the meeting. Accidental omission to give notice to or the nonreceipt of such notice by any member shall not invalidate the proceedings held at any General Meeting.

### **PROCEEDINGS AT GENERAL MEETINGS**

15. (i) No business shall be transacted at any general meeting unless a quorum of members is present at the time when the meeting proceeds to business.

(ii) Save as otherwise provided herein, the quorum for the general meetings (AGM and EGM) shall be higher of 2(Two) or one third of the total members personally present at the meeting.

16. The Chairman of the General Meetings (AGMs and EGMs) of the Company shall be the Ex-Officio Member- Director, IIT Roorkee. In the event that the aforesaid post in IIT Roorkee remains vacant, and an officiating individual is administering the aforesaid post, the person administering as the Director IIT Roorkee would automatically become the chairman of the General Meetings of the Company.

17. Every question submitted to a General Meeting shall be decided by a majority vote on a show of hands or on a poll if demanded by three fourths of the members present at the meeting. In case of an equality of votes, whether on a show of hands or on a poll, the Chairman of the

  
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meeting at which the poll is demanded, shall be entitled to a second or casting vote. If a poll is duly demanded, it shall be taken at such time and in such manner as the Chairman directs and the results of the poll shall be deemed to be the resolution of the meeting at which the poll was demanded.

#### **ADJOURNMENT OF MEETING**

18. (i) If a Meeting is adjourned sine-die or for a period of thirty days or more, the Notice of the original Meeting shall be sent, under cover of an intimation specifying the day, date, time and place of the adjourned Meeting. The intimation should clarify that certain item of business had been transacted at the original Meeting, state the reasons for adjournment and list the remaining items of business to be transacted at the adjourned Meeting. The relevant explanatory statement in respect of such remaining items of business shall also be given.
- (ii) If a Meeting is adjourned for a period of less than thirty days, the Company shall give not less than three days' Notice specifying the day, date, time and venue of the Meeting, to the Members either physically or electronically.
- (iii) If a Meeting, other than a requisitioned Meeting, stands adjourned for want of Quorum, the adjourned Meeting shall be held on the same day, in the next week at the same time and place or on such other day, not being a National Holiday, or at such other time and place as may be determined by the Board.
- (iv) If, at an adjourned Meeting, Quorum is not present within half an hour from the time appointed, the Members present, being not less than two in number, will constitute the Quorum.
- (v) If, within half an hour from the time appointed for holding a Meeting called by requisitionists, a Quorum is not present, the Meeting shall stand cancelled. At an adjourned Meeting, only the unfinished business of the original Meeting shall be considered. Any Resolution passed at an adjourned Meeting would be deemed to have been passed on the date of the adjourned Meeting and not on any earlier date.

#### **VOTING RIGHTS**

19. (i) The members shall have the voting powers according to the number of the guarantee has been subscribed by them
20. (i) No objection shall be raised to the qualification of any voter except at the meeting or adjourned meeting at which the vote objected to is given or tendered, and every vote not disallowed at such meeting shall be valid for all purposes.
- (ii) Any such objection made in due time shall be referred to the Chairman of the meeting, whose decision shall be final and conclusive.
21. A vote given in accordance with the terms of an instrument of proxy shall be valid, notwithstanding the previous death or insanity of the principal or revocation of the proxy or of the authority under which the proxy was executed, or the transfer of the shares in respect of which the proxy is given:  
Provided that no intimation in writing of such death, insanity, revocation or transfer shall have been received by the Company at its office before the commencement of the meeting or adjourned meeting at which the proxy is used.
22. A member may exercise his vote at a meeting by electronic means or such other appropriate means as deemed fit by the board, in accordance with Section 108 of the Act, and shall vote only once.
23. Any business other than that upon which a poll has been demanded may be proceeded with, pending the taking of the poll.

  
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### **BOARD OF DIRECTORS**

24. The administration of the affairs of the Company shall be vested with the Board of Directors. The Director need not be a member of the Company.

25. Unless otherwise determined by the Company in the General meeting the number of Directors of the Company shall not be more than fifteen and not less than two.

26. The following persons shall be the members of the Board of Directors of the Company.

I. Ex-Officio Director (s)-IITR by virtue of their position in IIT Roorkee as

- a) Director IIT Roorkee
- b) Deputy Director, IIT Roorkee
- c) Dean (Sponsored Research and Industrial Consultancy) IIT Roorkee
- d) Director ICAT

The above Ex-Officio Director(s)-IITR shall be the directors of the Company, so long as they hold their office at IIT Roorkee.

27. The following persons shall be appointed as First Directors of the Company:

- a. Prof. Kamal Kishore Pant
- b. Prof. Akshay Dvivedi
- c. Dr. Madhusudan Joshi
- d. Mr. Saurabh Dalela
- e. Mr. G K Rastogi
- f. Mr. Ankit Trivedi
- g. Co-Opted/Nominated Members

28. The Chairman of the Board shall be Ex-Officio Director - Director IITR.

29. The directors may be paid Sitting Fees for attending the meeting, including all travelling, hotel and other expenses properly incurred by them-

- (a) in attending and returning from meetings of the Board of Directors or any committee thereof or general meetings of the Company; or
- (b) in connection with the business of the Company.

### **MANAGING DIRECTOR**

30. Subject to the provisions of the Companies Act, 2013, members of the Company, may appoint any Director as Managing Director of the Company, having deep knowledge of concerned industry/cluster for such period and upon such terms as it may think fit, for the conduct of management of the business of the Company subject to the control and supervision of the Board of Directors.

### **NOMINEE DIRECTOR**

31. Subject to the provisions of the Act and notwithstanding anything contrary contained in the articles, the Board of Directors of the Company may agree with any Financial Company, a Body Corporate, Bank, Insurance Corporation, Mutual Fund or Private or Government Institution or Agency etc. (hereinafter referred to as "The Institution") shall have a right to appoint, remove, re-appoint, substitute from time to time, their nominee as Director (hereinafter referred to as "the Nominee Director") on the Board of the Company, so long as any moneys remain owing to them or any of them by the Company out of any financial assistance granted by them or any of them to the company by way of loan and/or holding debentures and/or liability of the Company arising out of guarantee furnished by the institution on behalf of the Company, remains outstanding or in terms of any agreement made between the Institution and

  
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the Company.

### TERMINATION OF DIRECTORS

**32.** (i) Ex-Officio Director (s) IITR, as mentioned in clause 26 (I) shall hold the directorship in the Company perpetually unless they vacate their directorship in the Company pursuant to any resignation or any disqualification(s) under the Act or their posts/designations in IIT Roorkee by virtue of which they are the Ex-Officio Directors in the Company are changed/ended or terminated.

(iv) Directors appointed from industry, as mentioned in clause 22(1V) shall hold the directorship in the Company for a period of 3 (three) years unless not renewed or extended by the Members in the AGM/EGM or they become disqualified under the Act or they resign from the post of Director in the Company whichever is earlier.

(v) Any other Director appointed by Ex-Officio Director (s) IITR as mentioned in clause 22 (V) shall hold the directorship in the Company for a period of 3 years unless not renewed or extended by the Members in the AGM/EGM or they become disqualified under the Act or they resign from the post of Director in the Company, whichever is earlier.

**33.** (i) The Board of directors may meet for the conduct of business, adjourn and otherwise regulate its meetings as it thinks fit.

(ii) A meeting of the Board of Directors shall be held once in every six months. In case of an inability to attend the meeting physically, the Board of Directors may participate in the meeting through video conferencing or teleconferencing

(iii) A director may, and the manager or secretary on the requisition of a director shall, at any time, summon a meeting of the Board.

**34.** (i) Save as otherwise expressly provided in the Act, questions arising at any meeting of the Board shall be decided by a majority of votes.

(ii) In case of an equality of votes, the Chairman of the Board, if any, shall have a second or casting vote.

(iii) Any Director, who is appointed as Ex-Officio Director- Director IITR, shall have a veto vote against any resolution, which he considers or thinks fit, is against humanity or national interest or against the interest of IIT Roorkee.

(iv) The quorum of the Board meeting shall be one third (1/3rd) of its strength as determined by the act and any fraction in that one-third being rounded as one OR two (2) directors whichever is higher.

**35.** The continuing directors may act notwithstanding any vacancy in the Board; but, if and so long as their number is reduced below the quorum fixed by the Act for a meeting of the Board, the continuing directors or director may act for the purpose of increasing the number of directors to that fixed for the quorum, or of summoning a general meeting of the company, but for no other purpose.

**36.** The Chairman of the Board shall be Ex-Officio Director- Director IITR.

**37.** (i) The Board may, subject to the provisions of the Act, delegate any of its powers to committees consisting of such member or members of its body as it thinks fit.

(ii) Any committee so formed shall, in the exercise of the powers so delegated, conform to any regulations that may be imposed on it by the Board. **43.** (i) A committee may elect a Chairman of its meetings.

(ii) If no such Chairman is elected, or if at any meeting the Chairman is not present within Fifteen minutes after the time appointed for holding the meeting, the members present may choose one of their members to be Chairman of the meeting.

**38.** (i) A committee may meet and adjourn as it thinks proper.

  
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(ii) Questions arising at any meeting of a committee shall be determined by a majority of votes of the members present, and in case of an equality of votes, the chairman shall have a second or casting vote.

39. All acts done by any meeting of the Board or a committee thereof or by any person acting as a director, shall, notwithstanding that it may be afterwards discovered that there was some defect in the appointment of anyone or more of such directors or of any person acting as aforesaid, or that they or any of them were disqualified, be as valid as if every such director or such person had been duly appointed and was qualified to be a director.

40. Save as otherwise expressly provided in the Act, a resolution in writing, signed by all the members of the Board or a committee thereof, for the time being entitled to receive notice of a meeting of the Board or committee, shall be as valid and effective as if it had been passed at a meeting of the Board or committee, duly convened and held.

### **CHIEF EXECUTIVE OFFICER, MANAGER, COMPANY SECRETARY OR CHIEF FINANCIAL OFFICER**

41. Subject to the provisions of the Act-

A chief executive officer, chief operational officer, Company secretary or chief financial officer may be appointed by the Board for such term, at such remuneration and upon such conditions as it thinks fit; and any chief executive officer, manager, company secretary or chief financial officer so appointed may be removed as per the Companies Act 2013.

### **MINUTES**

42. a) The minutes of all proceeding of every General Meeting or the Board of Directors or committee of the Board of Directors shall be kept by making entries in the minute books within thirty days of the conclusion of the meeting.

b) The pages of the minute book shall be consecutively numbered.

c) Each page of the minute books shall be initialled or signed and the last page of the record of proceedings shall be dated and signed.

i. In case of a meeting of the Board of Directors or committee of the Board of Directors, the minutes shall be signed by the Chairman of the said meeting or the chairman of the next succeeding meeting, and

ii. In case of General meeting, minutes should be signed and dated by the Chairman of the meeting or in the event of death or inability of the Chairman, by any director duly authorized by the Board for the purpose, within thirty days of the General Meeting.

d) The minutes shall not be pasted or otherwise attached to the minute books.

e) All appointments of officers made at any of the meetings shall be included in the minutes of the meetings.

f) In case of a meeting of the Board of Directors or a committee of Board of Directors, the minutes shall also contain:

(i) The names of the Directors present at the meeting, and

(ii) In case of each resolution passed at the meeting, the names of Directors, if any dissenting from or not concurring in the resolution.

g) The minutes of each meeting shall contain a fair and correct summary of the proceeding thereat, provided that no matter need be included in any such minutes which the Chairman of the meeting is having the option and:

h) Is, or could reasonably be regarded as defamatory of any person or

(ii) Is irrelevant or immaterial to the proceedings or

(iii) Is detrimental to the interests of the Company.

h) The minutes of the Board meeting sent by electronic mail shall be considered as an official communication of the minutes. The printed copy of the same will be sent by regular mail



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### **COMMON SEAL**

43. (i) The Company shall have a common seal and the Board shall provide for the safe custody of the seal.

(ii) The seal of the Company shall not be affixed to any instrument except by the authority of a resolution of the Board or of a committee of the Board authorised by it in that behalf, and except in the presence of at least two directors and of the secretary or such other person as the Board may appoint for the purpose; and those two directors and the secretary or other person aforesaid shall sign every instrument to which the seal of the Company is so affixed in their presence.

### **ACCOUNTS & AUDIT**

44. The Board of Directors shall cause to maintain proper books of accounts with respect to:

- a) All sums of money received and expended by the Company and the matters in respect of which the receipt and expenditure takes place.
- b) All sales/Incomes and purchases/expenditure of goods/services by the Company.
- c) The assets and liabilities of the Company.

### **PLACE WHERE BOOKS OF ACCOUNT TO BE KEPT**

45. The books of accounts shall be kept at the Registered Office of the Company or at such place in IITR., as the Board of Directors shall think fit.

### **INSPECTION OF BOOKS OF ACCOUNTS**

46. The books of accounts shall be open to inspection by any Director or a member of the Company, during the business hours and entries thereof shall be checked and verified at least once in every year by one or more or all Directors.

### **STATUTORY AUDITORS**

47. The first auditors of the Company shall be appointed and the remuneration shall be fixed by the Board of Directors and thereafter the Auditors shall be appointed at each Annual General Meeting.

### **SECRECY**

48. Every Director, Manager, Trustee for the Company, Member or Debenture holders, Member of Committee, officer, servant, agent, accountant or other person employed in or about the business of the Company shall, if so required by the Board of Directors before entering upon his duties, sign a declaration pledging all transactions of the Company with his customers and state of accounts with individuals and in matters relating thereto, and shall subject to such declaration, pledge himself not to reveal any of the matters which may come to his knowledge in the discharge of his duties except when required so to do by the Board of Directors or by a Court of law and except so far as may be necessary in order to comply with any of the provisions contained in these Articles.

### **ARBITRATION**

49. Any dispute arising between any members of the Company in connection with any business transaction or in connection with the management of the Company or any other persons that may be referred to the Company or the Company or any dispute between the Company and any of the contractors employed by the Company in connection with the business of the Company shall be decided by Arbitration under the rules of the Company which may be framed for this purpose by the Board of Directors or any subcommittee authorized by it.



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### INDEMNITY

50. Every member(s) or office bearer(s) of the Board or any Committee / Sub-Committee and other officer(s) or servant(s) of the Company for the time being shall be indemnified by the Company against any loss, damage or misfortune which shall happen in relation in the execution of the duties of his office unless the same happens through his own dishonesty or wilful neglect or default.

### WINDING UP

51. The winding up of the Company shall be as such mentioned in the Memorandum of Association of the Company as stated from time to time or as per the provisions of the Companies Act, 2013.

We the several persons whose names, addresses, descriptions, and occupations are subscribed, hereunto are desirous of being formed into a Company not for profit in pursuance of this Articles of Association.

Sl.No.	Names, Addresses, Descriptions of the Subscribers	Signatures of the Subscribers	Name, Address, Occupation of the Witness to the Signature
1.	Prof. Kamal Kishore Pant, S/O _____ Address _____		
2.	Prof. Akshay Dvivedi S/O _____ Address _____		
3.	Prof. U P Singh S/O _____ Address _____		
4.	Mr. G K Rastogi, S/O _____ Address _____		
5.	Mr. Saurabh Dalela S/O _____ Address _____		
6.	Dr. Madhusudan Joshi s/o ....., Address-		
7.	Mr. Ankit Trivedi s/o ....., Address-		

  
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**MEMORANDUM OF ASSOCIATION OF COMPANY LIMITED BY GUARANTEE  
AND NOT HAVING SHARE CAPITAL**

**[Pursuant to rule 19(2) of the Companies (Incorporation) Rules, 2014]**

1. The name of the company is "Industry Accelerator for AARTI (Automotive and Allied Research and Technology Innovations), @@@
2. The registered office of the company will be situated in the State of Uttarakhand.
3. The main objects for which the company is established are:  
Promoting objectives of Indian Institute of Technology Roorkee ("IITR"), (a statutory body set up under an Act of Parliament), which includes but not limited to the following:
  - a) To serve as an accelerator for start-ups and industry. It will leverage the rich knowledge base and resources of IITR and the practical industry insights from ICAT to provide startups with the necessary tools, mentorship, and guidance to nurture their innovative ideas. The aim is not just to support these startups financially but to facilitate a holistic approach to their growth. Through targeted mentorship and access to state-of-the-art resources, this initiative will actively aid these startups in enhancing their Technology Readiness Level (TRL). The focus is on equipping them with the technical acumen and capabilities essential to transform their concepts into tangible technological solutions.
  - b) To ensure that advancements in Technology Readiness Level (TRL) do not remain confined to the experimental phase. Startups guided by this Section 8 company will be taken through a comprehensive journey that transcends TRI, advancement. They will learn to seamlessly merge TRI with Manufacturing Readiness Level (MRL), ensuring that their innovations are not only technologically advanced but also ready for large-scale production. This approach bridges the often-disparate worlds of technology development and manufacturing readiness, facilitating a streamlined pathway to market-readiness.
  - c) To develop new knowledge (intellectual property) and serve as a repository of papers and patents and engage in their marketing, selling and licensing. Technology/Product Development and Commercialisation.
  - d) To propel innovative technologies into the market. By nurturing startups and guiding them through the complex process of developing market-ready solutions, this initiative contributes to the growth and sustainability of the automotive and allied technology sectors. The innovations emerging from this endeavor will not only be groundbreaking but also practical and market-ready, aligning perfectly with the dynamic needs of the automotive industry and the wider technology market.
  - e) To gather, create, expand and disseminate the knowledge and provide the platform for networking by conducting seminars, conventions, discussions, workshops, exhibitions, businesses meets and send/invite delegations between India & other countries for the benefit of research, technology and industry.
  - f) Entering into International Collaborations by leveraging international alliances which can add value to the chosen domain, connecting Indian research with global efforts in the proposed domain areas and participating in international projects and advanced facilities.
  - g) Providing training, education, certifications, short term courses or otherwise or conduct exhibitions, seminars, promotional events/activities or otherwise, in parlance to the objects as stated above.
  - h) Providing management and consulting services to different companies, firms, individuals etc. related to the objects as above.

  
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- i) Innovation, Entrepreneurship and Start-up Ecosystem - Enabling or promoting new technology/knowledge/innovation based start-ups, building of a start-up ecosystem by establishing network between academia, financial institutions, industries and other institutions, provide training and certification services, services to start-ups like mentoring, legal, financial, technical services. Enhance competencies, capacity building and training to nurture innovation and start-ups, awareness and executive training programs. Support young and aspiring entrepreneurs for enabling translation of idea to prototype. Inspire best talents to be entrepreneurs by providing guidance and co-working spaces for developing their ideas into products to the start-ups, promotional activities for start-ups, students or industry at large as and when required, to have strong industrial interaction for specific problem identification, co-development of technology and IP and generation of revenues, to provide a platform for research and development by any individual, institution, company or otherwise, or to provide incubation services or any other services which may be required by IITR either independently or on its behalf.
- j) To promote, participate, support and supplement Flagship schemes of Government including Skill India, Make in India and Start-up India. etc., either through own funds or under CSR funding or grants, consultancy, donations, assistance from public bodies, corporations, companies or persons or trusts and foundations in line with Government policies in force and in consonance with the objects of the company.
- k) To accept donations, grants and other offerings in the shape of movable and/or immovable properties for the attainment of the aims and objectives of the Company.
- l) To purchase/acquire the land and/or the building in the name of the Company for the fulfilment of the aims and objects of the Company;
- m) To bid for projects from Govt/ Industry/ PSU s/ State Govt etc. Support for projects will be based on requirement, open call and with due scientific diligence and processes.
- n) To support academic institutions, R&D institutions, Industry for projects related to the device technology and materials for cyber physical system.
- o) To generate income from promotion of indigenous technologies through technology licensing/commercializing home grown technologies Royalties, Consultancy, Government Promoted Programs and Angel/Seed Funding Investments etc.
- p) Any other object that becomes necessary for achieving the above objectives and is permitted under law and is duly approved in general Meeting of the company.
- q) Undertaking any or all other lawful things as considered necessary for the furtherance of the above objects, provided that the company shall not support with its funds, or endeavour to impose on, or procedure to be observed by its members others, any regulations or restrictions which was an object of the company, would make it trade union.
4. Matters which are necessary for furtherance of the main objects specified above subject to the approval of the Board of Directors of the company.
  - a. To make, draw, accept, endorse, execute, discount, negotiate and Issue cheques, promissory notes, bills of exchange, bills of lading, debentures and other negotiable or transferable instruments.
  - b. To buy all kinds of plant, equipment, machinery, apparatus, tools, utensils, commodities, software, substances, articles and things necessary or useful for carrying on the objects of the Company
  - c. To enter into agreement with any company or persons for obtaining by grant of licence or on such other terms of all types, formulae and such other rights and benefits.



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- technical information, know-how and expert guidance and equipment and machinery and things mentioned herein above and to arrange facilities for training of technical
- d. To acquire by concession, grant, purchase, licence or otherwise either absolutely or conditionally and either alone or jointly with others land, buildings, machinery, plants, utensils, works, conveniences and such other movable and immovable properties of any description and any patents, trademarks, concessions, privileges, brevets, d'invention, licences, protections and concessions conferring any exclusive or limited rights to any inventions, information which may seem necessary for any of the objects of the Company and to construct, maintain and alter any building or work, necessary or convenient for the business of the Company and to pay for such land, buildings, works, property or rights or any such other property and rights purchased or acquired by or for the Company
  - e. To enter into any arrangement with any Government or Authorities Municipal, local or otherwise or any person or company in India or abroad, that may seem conducive to the objects of the company or any of them and to obtain from any such Government, Authority persons or company any rights, privileges, charters, contracts, licences and concessions including in particular rights in respect of waterways, roads and highways, which the Company may carry out, exercise and comply therewith
  - f. To expend money in experimenting on and testing and in improving or seeking to improve any patents, rights, inventions, discoveries, processes or information of the Company or which the Company may acquire or propose to acquire.
  - g. To obtain any order, or act of legislature in India or other places, or order, act or authority from the authorities of any country, state of dominion for enabling the Company to obtain all powers and authorities necessary or expedient to carry out or extend any of the objects of the Company, or for any other purpose which may seem expedient, and to oppose any proceedings or applications which may seem calculated directly or indirectly to prejudice the Company's interests.
  - h. To invest and deal with the moneys of the Company in any securities, shares, investments, properties, moveable or immoveable and in such manner as may from time to time be determined and to sell, transfer or deal with the same.
  - i. To apply for Seed fund programs, Angel/Seed Funding Investments organised by the government and private investors
5. The company shall apply its profits, if any or other income in promoting its objects and shall prohibit the payment of any dividend to its members, however nothing in this clause 5 shall prevent the payment by the company in good faith of prudent remuneration to any of its officers or servants (not being members) or to any other person (not being members), in return for any services actually rendered to the company.
  6. The objects of the company extend within and outside of Whole of India
  7. If upon winding up or dissolution of the company, there remains, after the satisfaction of all the debts and liabilities, any property whatsoever, the same shall not be distributed amongst the members of the company but shall be given or transferred to such other company having objects similar to the objects of the company, subject to such conditions as the tribunal may impose, or may be sold and proceeds thereof credited to the Rehabilitation and Insolvency Fund formed under section 269 of the Act.
  8. The Company can be amalgamated only with another company registered under section 8 of the Act and having similar objects



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9. Each member, undertakes to contribute to the assets of the company in the event of its being wound up while he is a member or within one year afterwards, for payment of the debts or liabilities of the company contracted before he ceases to be a member and of the costs, charges and expenses of winding up, and for adjustment of the right of the contributories among themselves such amount as may be required not exceeding a sum of Rs. Five Thousand Only.
10. True accounts shall be kept of all sums of money received and expended by the company and the Matters in respect of which such receipts and expenditure take place, and of the property, credits and liabilities of the company, and subject to any reasonable restrictions as to the time and manner of inspecting the same that may be imposed in accordance with the regulations of the company for the time being in force, the accounts shall be open to the inspection of the members. Once at least in every year, the accounts of the company shall be examined and the correctness of the balance-sheet and the income and expenditure account ascertained by one or more properly qualified auditor or auditors.
11. We, the several persons whose names and addresses are subscribed, are desirous of being formed into a Company in pursuance of this Memorandum of Association and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

Sl.No.	Names, Addresses, Descriptions of the Subscribers	Signatures of the Subscribers	Name, Address, Occupation of the Witness to the Signature
1.	Prof. Kamal Kishore Pant, S/O ..... Address		
2.	Prof. Akshay Dvivedi s/o ....., Address-		
3.	Prof. U P Singh s/o ..... Address-		
4.	Mr. G K Rastogi, s/o ..... Address-		
5.	Mr. Saurabh Dalela s/o ..... Address-		
6.	Dr. Madhusudan Joshi s/o ..... Address-		
7.	Mr. Ankit Trivedi s/o ..... Address-		

  
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टिप्पणियाँ एवं आदेश

Notes and Order

Director,

Subject: To consider a policy for providing loans to the ongoing research project



To address the issues of loan demand, it is necessary to have standard policy for sanction of loans to PIs. In this regard, the following are proposed:

1. The PI is encouraged to proactively engage with the funding agency to release the allocated funds or explore the possibility of obtaining additional funding within the specified time frame. In the event of a denial by the funding agency, the PI is advised to approach SRIC, providing copies of all correspondence related to the matter, to obtain approval for the necessary loan. Such loans shall be approved by Dean SRIC.
2. The recommended sequence for sourcing the loan will be in following order depending upon the requirement:
  - i) Initially, from the PI's PDF
  - ii) From the DDF, wherein it is duly endorsed by the DAC and HOD
  - iii) Lastly, from the SRIC Fund, wherein the loan issued will be up to 100% of the IOC

If the requested loan amount is available in the PDF, it will be sanctioned from there. If the total loan amount is not available in the PDF of the PI, it will be divided among the PDF, DDF, and SRIC Fund based on fund availability.
3. Loan amount to be issued from SRIC fund will be capped to 20 % of total outlay of the research project per year.
4. The loan amount will be sanctioned with the condition that it needs to be returned within 90 days.
5. If the PI needs an extension for returning the loan, then an official request must be submitted to SRIC with proper justification along with the copies of correspondence with the funding agency.

Submitted for your approval please.

22/12/24  
Regards  
Dean SRIC

Dean  
Sponsored Research & Industrial Consultation  
Institute of Technology Roorkee

निदेशक/Director  
भा. प्रौ. सं. रुड़की  
Roorkee

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