IARE
INSTITUTE OF AERONAUTICAL ENGINEERING

nirf INDIA RANKINGS ENGINEERING CATEGORY RANK 151-200

NAAC ACCREDITATION A++ GRADE

26 2000-2026 YEARS OF EXCELLENCE

IARE COMPENDIUM

QR-Code Booklet

INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad – 500 043, Telangana, India

Website: www.iare.ac.in.

IARE
INSTITUTE OF AERONAUTICAL ENGINEERING

EXPLORE IARE

Interactive QR-Code Compendium

A digital navigation guide connecting users to IARE's live resources for academics, campus experience, institutional information, learning, quality, employability and placements.

Last Updated: 31 August 2026

Purpose of the QR-Compendium

A compact physical booklet that turns the IARE website into quick scan-ready gateways.

This compendium follows the supplied IARE QR booklet structure while broadening it into an Explore IARE experience. QR codes open live web gateways so users can access current content rather than relying on static screenshots.

How to use

- Open your phone camera and scan the QR code.
- Tap the link shown on the phone.
- Use the live IARE page to move into documents, videos, portals or related resources.
- For Regulations, Handbooks, Voice Over Videos (VoV), placement figures and other changing content, use the live page as the current source.

The eleven gateways:

S.No	Explore	What to discover
01	Institutional Information	• About institute webpage • Student Handbook • Institutional Sustainable Development Goals Action Plan
02	IARE YouTube	• IARE YouTube channel • Campus flying point of view • Cultivating for tomorrow navigating the future
03	Digital IARE	• Samvidha • Akanksha • BuildIT • Aksha • ESLO • e-ExamDesk
04	Academic Regulations	• BT25 • MT25 • MB25
05	Institute-Level Gateway	• Career • Innovation • Learning • Industry • Higher studies
06	Outcome Based Education	• Outcome-based education handbooks • Outcome-based teaching & learning VoV
07	Department Handbooks	• Programmes/ Departments
08	Strategy & Quality Assurance	• Strategic planning • IQAC quality assurance
09	Employability Skills Training	• Career development centre handbooks • Career development centre VoV • TalentEdge+ VoV
10	Campus Placements	• Placement handbook • Placement experience videos
11	Clubs & Professional Associations	• Student council & clubs VoV • Student council & clubs handbook

1. Institutional Information

About IARE

Explore IARE's About Us, Brief History, Vision, Mission, Philosophy, Core Values, Milestones, Objectives, Salient Features, Holistic Dimensions, Four Pillars of Success, Vision 2030, Strategic Plan, Awards and Recognitions—providing a comprehensive view of the institute's evolution, institutional philosophy, academic excellence and journey towards becoming a globally oriented multidisciplinary technological institution.

www.iare.ac.in

Student Handbook

The Student Handbook provides updated information on the genesis, vision, mission, culture, policies, services, and resources available to students at IARE. All students are required to adhere to these policies. The code of conduct outlined in the handbook applies to all students while they are on campus.

https://www.iare.ac.in/sites/default/files/IARE_STUDENT_HANDBOOK_2026-2027.pdf

Institutional Sustainable Development Goals Action Plan

As part of our commitment, an action plan is prepared, that highlights some of the many inspiring ways in which we are contributing to the SDGs. The action plan also captures important opportunities for improvement and engagement going forward.

https://www.iare.ac.in/sites/default/files/IQAC/SDG_IARE_INITIATIVES_IMPLEMENTION_INDICATORS.pdf

2. IARE YouTube Channel

Digital Learning through E-Learning Readiness Videos (ELRV)

The Institute of Aeronautical Engineering (IARE) YouTube Channel serves as an important component of the institute's digital learning ecosystem. It provides students with on-demand access to academic video lectures, e-learning resources, course content and other educational material, supporting self-paced learning.

https://www.youtube.com/channel/UCrN2YGajq0lTaokeOn2LEpQ

Campus Flying Point of View (FPV)

The campus FPV video to experience highlights of state-of-the-art facilities, modern classrooms, advanced laboratories and dynamic student spaces.

https://youtu.be/Ki6jVyOJdhs?si=HB4ktJLEshPyLrJA

Cultivating for Tomorrow, Navigating the Future

Explore IARE's futuristic goals through the institute profile video: milestones of IARE, programmes & courses offered, teaching & learning pedagogies, AI, innovation, industry engagement, research & development.

https://www.youtube.com/watch?v=pk_sSTSDDmw&list=PLGOjiZZQpHE4&index=16

3. Digital IARE

Your digital campus at your fingertips.

IARE's digital ecosystem supports academic, administrative, examination, learning, library and outcome-monitoring processes through dedicated platforms.

Samvidha

Campus management portal
https://samvidha.iare.ac.in/

Akanksha

Learning management & e-content
https://akanksha.iare.ac.in/

BuildIT

Competitive coding

https://www.iare.ac.in/?q=basicpage/buildit-go-lab

Aksha

Library information services
https://aksha.iare.ac.in/

ESLO

Student learning outcomes
https://eslo.iare.ac.in/

e-ExamDesk

Examination management
https://eexamdesk.iare.ac.in/

4. Academic Regulations:

Your academic roadmap — regulations, course catalogues and syllabus resources.

Academic Regulations (BT25)

Know the latest academic regulations and curriculum framework

Voice Over Video (VoV)

https://www.youtube.com/watch?v=zfI-jGTz08I&list=PLGOjiZZQpHE4&index=8

- B.Tech — BT25: academic regulations and programme/course information for the relevant cohort.
- M.Tech — MT25: regulations, course catalogue and syllabus resources.
- MBA — MB25: regulations, course catalogue and programme requirements.
- Use the live Academic Regulations page as the master destination because documents and revisions may change.

BT25	MT25	MB25
Live regulations & syllabus gateway https://www.iare.ac.in/?q=pages/btech-course-catalog	Live regulations & syllabus gateway https://www.iare.ac.in/?q=pages/regulations-and-syllabus-mtech-programs	Live regulations & syllabus gateway https://www.iare.ac.in/?q=pages/regulations-and-syllabus-mba-program

5. Institute-Level Divisions Gateway

Explore the one gateway to institute level divisions including competency building, innovation, incubation & start-ups centre, industry engagement & collaborations, planning monitoring, internal audit policies, career guidance, students learning assessment models, teaching pedagogy, research & development centre, AI-experience centre, digital learning ecosystem and student higher studies and GATE performance.

Competency building & consultancy

The Competency Building & Consultancy (CBC) Centre at IARE focuses on industry-linked skill development, technology training and hands-on learning to build students' competencies and prepare them for real-world professional environments.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=xi9u5HSR6OY&list=PLGOjiZZQpHE4&index=21

Handbook
https://www.iare.ac.in/?q=competency-building-and-consultancy

Innovation & incubation centre

The Innovation & Incubation Centre nurtures innovation and entrepreneurship by providing infrastructure, mentorship, prototyping support, funding opportunities, and incubation facilities to help students, faculty, and innovators transform ideas into prototypes, products, and viable start-ups.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=i1MPnklzef0&list=PLGOjiZZQpHE4&index=2

Handbook
https://www.iare.ac.in/?q=Technology_Incubation_Incubation_Centre

Industry engagement & internships

he Industry Engagement & Internships division strengthens industry–academia collaboration through industry partnerships, internships, MoUs, experiential learning, industrial visits, and real-world project opportunities, enabling students to gain practical exposure and industry-ready competencies.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=humUe_ZCV9g&list=PLGOjiZZQpHE4&index=1

Handbook
https://www.iare.ac.in/?q=pages/industry-institute-partnership-cell

Industry collaborations & knowledge transfer

The Industry Collaborations & Knowledge Transfer (ICKT) division promotes strong industry–academia partnerships through MoUs, collaborative projects, technology exchange, expert interactions, and knowledge-sharing activities, enabling the transfer of contemporary industry practices and technologies to students and faculty.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=xwYn-DTwFDw&list=PLGOjiZZQpHE4&index=7

Handbook
https://www.iare.ac.in/?q=pages/industry

Internal audit & policies

The Internal Audit & Policies (IAP) division ensures systematic internal auditing, policy implementation, compliance monitoring, and institutional governance, supporting transparency, accountability, quality assurance, and continuous improvement across academic and administrative processes.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=RsDmC9zVkX0&list=PLGOjiZZQpHE4&index=11

Handbook
https://www.iare.ac.in/?q=pages/academic-audit

Career guidance & counselling

The Career Guidance & Counselling initiative supports students in career planning, employability enhancement, higher education, competitive examinations, and professional development through structured guidance, counselling, training, and mentoring.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=zhwPMqGx4F4&list=PLGOjiZZQpHE4&index=12

Handbook
https://www.iare.ac.in/?q=pages/counseling-guidance-and-counselling

AI experience centre

The AI Experience Centre at IARE promotes AI-driven learning, innovation, experimentation, and skill development by providing students and faculty with opportunities to explore artificial intelligence technologies, applications, hands-on projects, and emerging industry trends.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=SWDi1A8Tlvc&list=PLGOjiZZQpHE4&index=13

Handbook
https://www.iare.ac.in/?q=pages/industry-readiness-ai-model-deployment

Start-up Enclave

The Start-Up & Entrepreneurship division fosters an innovation-driven entrepreneurial ecosystem by providing mentorship, sponsored incubation support, skill development, industry interaction, and opportunities to transform innovative ideas into sustainable start-ups and ventures.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=uAV9qHmNtEY&list=PLGOjiZZQpHE4&index=23

Handbook
https://www.iare.ac.in/?q=basicpage/student-start-and-innovation

Student learning assessment models

The Student Learning Assessment Models (SLAM) centre promote innovative and learner-centric assessment practices that evaluate students' knowledge, skills, competencies, application abilities, and overall learning outcomes through diverse and continuous assessment methods.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=uAV9qHmNtEY&t=4s

Handbook
https://www.iare.ac.in/?q=pages/pathways-student-success

Planning Monitoring and Continuing Studies

The Planning, Monitoring & Continuing Studies division supports systematic institutional planning, implementation, monitoring and review of academic and developmental activities, while promoting continuous improvement and opportunities for students to pursue higher and continuing education.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=QI_HMDK6y3E&list=PLGOjiZZQpHE4&index=4

Teaching Innovation and Pedagogical Support through HyFlex learning.

The Technology Innovation & Pedagogical Support (TIPS) division promotes technology-enabled, innovative teaching practices and pedagogical support, empowering faculty to adopt modern instructional methods, enhance student engagement, and improve learning outcomes.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=K0gKA16JzJ0&list=PLGOjiZZQpHE4&index=18

Research & development

The Research & Development (R&D) initiative at IARE promotes research excellence, innovation, interdisciplinary collaboration, sponsored projects, publications, patents, and industry-oriented research, fostering a culture of inquiry and contributing to technological and societal advancement.

Handbook
https://www.iare.ac.in/sites/default/files/RND/RND_Handbook_2026.pdf

Student learning pedagogy

The Student Learning Pedagogy initiative promotes student-centric, outcome-based and technology-enabled teaching–learning practices, incorporating innovative pedagogical approaches to enhance student engagement, active learning, competency development, and achievement of learning

Voice Over Video (VoV)
https://www.youtube.com/watch?v=VG_QYWqOoy8&list=PLGOjiZZQpHE4&index=14

Higher studies

Showcasing the higher-education aspirations of our graduating students joining reputed foreign universities for Master's programmes, our students pursue global academic and research opportunities through appropriate counselling and admission support.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=OzGz092e0co

Gate performance

Showcasing the achievements and success stories of students who have excelled in the Graduate Aptitude Test in Engineering (GATE), highlighting their academic preparedness, competitive-examination performance, and progression towards opportunities in higher education, research, and professional careers.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=yW56B2iuGkU

Digital e-learning resource system

Access IARE's digital learning ecosystem and online resources providing an integrated digital learning environment offering course content, recorded lectures, learning materials, assessments, assignments, and other academic resources, enabling students to access learning resources anytime, anywhere and supporting self-paced, flexible, and outcome-based learning.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=s3CchlaGhZs&list=PLGOjiZZQpHE4&index=6

6. Outcome based teaching & learning (OBTL)

From learning to outcomes — resources supporting outcome-based education and attainment.

The Outcome Based Teaching & Learning (OBTL) initiative at IARE focuses on outcome-oriented education through clearly defined learning outcomes, innovative teaching–learning practices, continuous assessment, and attainment analysis, ensuring that students develop the knowledge, skills, competencies, and graduate attributes expected from their programmes.

OBTL Booklets

OBTL handbooks gateway
https://www.iare.ac.in/?q=Student-Centric-Learning

Outcome based education

Voice Over Video (VoV)
https://www.youtube.com/watch?v=GLvrb4lkwi0&list=PLGOjiZZQpHE4&index=3

- Writing and Assessing Learning Outcomes
- Model Course Description and Model Question Bank
- Bloom's Taxonomy
- Course Outcomes, Programme Outcomes and Programme Specific Outcomes
- CO / PO attainment resources
- OBTL Handbook and Manual
- Learning and e-learning process resources

7. Department Handbooks

Discover departments, programmes, faculty, laboratories, curriculum, research, innovation and student achievements.

The IARE Department Handbooks provide comprehensive programme-level information for Aeronautical Engineering, Computer Science & Engineering (CSE), Computer Science & Engineering (Data Science), Computer Science & Engineering (AI & ML), Information Technology, ECE, Mechanical Engineering, EEE, Civil Engineering, and MBA, covering programme objectives, curriculum and course structure, academic regulations, department facilities, faculty expertise, research and innovation, student development, industry engagement, internships, placements, and other department-specific academic resources.

Department of Aeronautical Engineering

Handbook / department information

Handbook

https://www.iare.ac.in/sites/default/files/Booklets/IARE_Dept_Brochure_AE_2026.pdf

Department of Computer Science & Engineering

Handbook / department information

Handbook

https://www.iare.ac.in/sites/default/files/Booklets/IARE_Dept_Brochure_CSE_2026.pdf

Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning)

Handbook / department information

Handbook

https://www.iare.ac.in/sites/default/files/Booklets/IARE_Dept_Brochure_CSE_AIML_2026.pdf

Department of CSE (Data Science)
Handbook / department information

Handbook
https://portal.iare.ac.in/?q=pages/cse-data-science

Department of Information Technology
Handbook / department information

Handbook
https://iare.ac.in/?q=pages/information-technology

Department of Electronics & Communication Engineering
Handbook / department information

Handbook
https://www.iare.ac.in/sites/default/files/Booklets/IARE_Dept_Brochure_ECE_2026.pdf

Department of Mechanical Engineering
Handbook / department information

Handbook
https://iare.ac.in/sites/default/files/Booklets/IARE_Dept_Brochure_ME_2026.pdf

Department of Electrical & Electronics Engineering
Handbook / department information

Handbook
https://portal.iare.ac.in/?q=pages/electrical-and-electronics-engineering

Department of Civil Engineering
Handbook / department information

Handbook
https://portal.iare.ac.in/?q=pages/civil-engineering

Department of Master of Business Administration
Handbook / department information

Handbook
https://portal.iare.ac.in/?q=pages/master-of-business-administration

8. Strategy Development & Quality Assurance

Planning excellence, measuring progress and driving continuous improvement.

The Strategy Development division & Quality Assurance cell at IARE focuses on strategic planning, systematic monitoring, quality enhancement, policy implementation, and continuous improvement, ensuring that institutional academic and administrative processes remain aligned with IARE's vision, mission, and quality objectives.

Strategy Development

Strategic Plan gateway
https://www.iare.ac.in/?q=pages/perspective-strategic-plan

Voice Over Video (VoV)
https://www.youtube.com/watch?v=ftEcAW_W3t8&list=PLGOjiZZQpHE4&index=10

- Vision & Mission Alignment
- Perspective Strategic Plan
- Performance Monitoring
- Rankings & Accreditations
- Global Competitiveness

IQAC Quality Assurance

Quality Assurance gateway
https://www.iare.ac.in/?q=IQAC

Quality Assurance handbook
https://www.iare.ac.in/sites/default/files/IQAC/IARE_Quality_Assessment_Report.pdf

- Internal Quality Assurance and IQAC
- Quality Assurance Framework and continuous improvement
- Quality assessment/audit
- NBA, NAAC and ISO-linked quality initiatives

Student academic progress, admissions, education/support, employability, faculty, research, finance, facilities and programme monitoring

9. Employability Skills Training: TalentEdge+

Build skills. Build confidence. Build careers.
The Career Development Centre (CDC) at IARE focuses on enhancing students' career readiness, employability, professional skills, industry exposure, and placement preparedness through structured training, career guidance, counselling, and development initiatives.

TalentEdge+ provides structured, industry-oriented training to enhance students' technical, aptitude, communication, soft skills, and interview readiness, thereby strengthening their employability and preparing them for successful campus placements and professional careers.

Skill development & career readiness gateway
https://www.iare.ac.in/sites/default/files/CDC/CDC_Handbook_2026-27.pdf

TalentEdge+ VoV
https://www.youtube.com/watch?v=w4NpFgBPuYs&list=PLGOjiZZQpHE4&index=20

Career development centre VoV
https://www.youtube.com/watch?v=ycj2At0se9Y&list=PLGOjiZZQpHE4&index=19

- Technical and professional skills
- Quantitative aptitude and logical reasoning
- Communication and interview preparation
- Competitive coding and coding competency
- Mock interviews and assessments
- Company-specific training
- Industry-expert mentoring
- Career camps and confidence building
- Resume, portfolio, GitHub and LinkedIn development

10. Campus Placements

From campus to career — where preparation meets opportunity.

IARE's Campus Placement connects students with leading companies through placement drives, recruitment opportunities, industry interactions, aptitude and technical training, and interview preparation, enabling students to transition successfully from academics to professional careers.

Campus Placement gateway
https://www.iare.ac.in/?q=pages/placements

Placement preparedness video
https://www.youtube.com/watch?v=kU_LVU800xc

Student experiences video
https://www.iare.ac.in/?q=pages/placement-videos

- Placement Statistics
- Marquee Placements
- Salary Statistics
- Branch Statistics
- Companies Visited
- Interview Secrets / preparation
- Placement Videos
- Internships, training and career development

Placement figures are dynamic. The QR gateway should be treated as the live source for the latest numbers, companies and outcomes.

11. Clubs & Professional Associations

Connect, collaborate, compete and grow beyond the classroom.

The Students Council and Clubs provide a platform for students to develop leadership, teamwork, communication, creativity, technical skills, and social responsibility through diverse academic, technical, cultural, sports, and professional activities.

Voice Over Video (VoV)
https://www.youtube.com/watch?v=sbESuRiC9jQ&list=PLGOjiZZQpHE4&index=9

Student council & clubs gateway
https://www.iare.ac.in/?q=student-clubs

- Student clubs and activity communities
- Professional society chapters
- Technical and professional development
- Competitions, events and peer learning
- Leadership, teamwork and communication
- Industry/professional networking
- Student participation and experiential learning

12. Recommended Explore IARE Journey

A suggested scan sequence for students, visitors, faculty and institutional reviewers.

STEP	JOURNEY	QR GATEWAY
01	CONNECT	Digital IARE
02	EXPERIENCE	IARE YouTube
03	KNOW	Institutional Information
04	LEARN	Academic Regulations
05	ACCESS	Institute-Level Gateway
06	ACHIEVE	OBTL
07	DISCOVER	Department Handbooks
08	EXCEL	Strategy & Quality Assurance
09	DEVELOP	TalentEdge+
10	LAUNCH	Campus Placements
11	ENGAGE	Clubs & Professional Associations

SCAN • EXPLORE • LEARN • EXPERIENCE • SUCCEED