

सह वीर्यम् करवावहे



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Swargiya Jagannath Jattewar Shikshan Sanstha , Nagpur

**Institute of Design Education & Architectural Studies,  
Nagpur**

**External Academic and Administrative  
Audit Report  
(Academic Year: 2021-22)**

## External Academic and Administrative Audit Report (Academic Year: June 2021-May 2022)

Date of Audit: 5.05.2023

Name and Designation of Audit Member: **Dr. Pramod Walke,**  
Professor & Dean IQAC  
G.H.Raisoni College of Engineering, Nagpur

Name and Designation of Audit Member: **Dr. Santosh Jaju,**  
Professor & Dean R&D  
G.H.Raisoni College of Engineering, Nagpur

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Needs Improvement
A	B	C	D

### Details of Programmes in the college:

S No.	Name of the Programme	Sanctioned Strength	Actual Strength
<b>Under Graduate</b>			
	B.Arch.	120	38
<b>Post Graduate</b>			
	M. Arch. (Environmental Architecture)	20	6

### 1. Curricular Aspects

S. No	Item	HEIs i/p	Grade	Remarks
1.1	Curricula developed /adopted have relevance to the local/ national /regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all programs offered by the Institution	Yes	B	Curriculum has been reframed in the year 2019-2020 Annexure - 1.1
1.2	Percentage of programs in which Choice Based Credit System (CBCS) / Elective course system has been implemented	3	B	-
1.3	Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	Yes	A	Annexure - 1.4
1.4	Feedback on curriculum and other aspects from stakeholders	Yes	B	

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5/05/2023  
(Dr. P.V. walke)

*SB Jaju*  
5/5/2023  
(Dr. S.B. Jaju)

## 2. Teaching-Learning and Evaluation

S.No	Item	HEIs i/p	Grade	Remarks
2.1	Demand Ratio (% of students admitted)	31.6%	A	-
2.2	Number of full-time teachers	42	A	-
2.3	Number of students enrolled	38	A	-
2.4	Student - Full time teacher ratio	11.04:1	A	-
2.5	No. of permanent faculty with Ph.D	5	A	-
2.6	Average teaching experience of full time teachers in years	6.9	B	-
2.7	Total No. of teaching days	210	A	Total number of teaching days completely adhere with affiliating RTMNU university academic calendar
2.8	Preparation and adherence to Academic Calendar and Teaching plans	Yes	A	Same as above
2.9	Innovative processes adopted in Teaching and Learning	Yes	A	Annexure 2.9A
2.10	Teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources, MOODLES etc.	Yes	A	Annexure 2.10 attached 2.3.2
2.11	Remedial Classes for slow learners and backlog students	Yes	A	Annexure 2.11 Attached 2.2.1
2.12	NEET/NET/GATE Classes for Advanced Learners	Yes	A	Annexure 2.11A Criteria 5
2.13	Mentoring System	Yes	A	Annexure 2.13A attached 2.3.3
2.14	Adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.	Yes	A	Annexure 2.10A attached 4.1
2.15	Advanced Research Centers	No	D	
2.16	Teachers attending professional development programs	No		

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2.17	Organisation of Guest Lectures, Industrial Visits, Workshops, etc.,	19	A	Annexure 2.17 attached 3.2.1 and 3.4.1
2.18	Online Certification Programmes	3	B	Annexure 2.18 attached 3.2.1
2.19	Student Professional Society Chapter and Association Activities	Yes	A	NASA, IGBC
2.20	No. of Students undertaking field projects / internships	Yes	A	<b>T &amp; P Office</b> Annexure 2.20 attached 3.5.1.1
2.21	Dissemination of PEOs, POs, PSOs, COs	Yes	A	Annexure 2.21A attached 2.6.1
2.22	Attainment of COs, POs, PSOs	Yes	B	Annexure 2.22A attached 2.6.2
2.23	Online student satisfaction survey	Yes	A	Annexure 2.23 attached 2.7

### 3. Research and Innovation

3.1	The institution has a well-defined policy for promotion of research	Yes	B	
3.2	The institution provides seed money to its teachers	Yes	A	
3.3	Teachers recognised as research guides	Nil	-	Applied for a research center.
3.4	Sponsored research Projects and consultancy	2	D	
3.5	Workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices	4	A	Annexure 3.5 attached 3.3.2
3.6	Research Publications	4	A	Annexure 3.6 attached 3.2.2
3.7	No. of Faculty participated in conferences and symposia	3	D	(2 participants were eminent speaker)  Annexure 3.7 attached 3.2.2 & 3.5.1

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3.8	Books and chapters in edited volumes / books published, and papers in national/international conference-proceedings.	1	D	Annexure 3.8 attached 3.3.3
3.9	Revenue generated from Consultancy	Nil	D	AST RNB
3.10	Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc.	7 + 124	A	Annexure 3.10 attached 3.5.1.1
3.11	Functional MoUs	19	A	Annexure 3.11 attached 3.5.2

#### 4. Central Library Facility

4.1	Library is automated using Integrated Library Management System (ILMS)	Yes SyNchRoni K Inc. 172.16.0.16/ student%20l og/opac.asp x(in house access)	A	
4.2	Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment	Rare Books - 06  Manuscript - 0  Special Report - 2	B	
4.3	Does the institution have the following: e – journals, e-ShodhSindhu, Shodhganga membership, e-books, Databases	Yes	B	DelNet E-Journal subscription.  Special video beyond syllabus
4.4	Expenditure for purchase of books and journals	Yes	A	
4.5	Availability of digital library with a provision for remote access on intranet	Yes	A	
4.6	Per day usage of library by teachers and students	6.8		Users Per day

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### 5. Examination Section

5.1	Number of days from the date of last semester-end/ year- end examination till the declaration of results	30	A	
5.2	Percentage of student complaints/grievances about evaluation against total number appeared in the examinations	5%	B	Received in grievance forms.
5.3	Percentage of applications for reevaluation leading to change in marks	No	-	Nil
5.4	Status of automation of Examination division along with approved Examination Manual	Yes	A	The University has a centralized examination division headed by the Controller of examination.
5.5	Pass percentage of outgoing students	88%	A	112/126
5.6	Facilities provided at the Examination Hall at On Campus and Off-Campus institutions	Yes	A	All Facilities as per university guidelines (on campus).

### 6. Amenities and Sports Facilities

6.1	The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities	Yes	A	Sports Facilities are adequate Attached 5.3.3
6.2	Awards / medals for outstanding performance in sports, Yoga / cultural activities at national / international level	Yes	B	Annexure 6.2 attached 5.3.1
6.3	Number of sports, Yoga and cultural activities / competitions organised at the institution level.	No	B	Annexure 6.3 attached 5.3.2

### 7. Internet Connectivity

7.1	Institution frequently updates its IT facilities including Wi-Fi	Yes.In due compliance with COA norms	A	
7.2	Student - Computer ratio	10.07	A	
7.3	Available bandwidth of internet connection in the Institution	20 MBPS (Leased Line)	A	Adequate as per total number of users on campus.

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7.4	Facilities for e-content development such as Media centre, recording facility, Lecture Capturing System (LCS)	Yes	B	Adequate and found suitable for complete conduct and recording of all academic online sessions.
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### 8. Placement and Higher Education

8.1	Capability enhancement and development schemes	Yes	A	Capability enhancement program like soft skill development, language and communication and computing skills.
8.2	No of students benefited by guidance for competitive examinations and career counselling offered by the institution	104	A	Annexure 8.2 Attached 5.1.4
8.3	Number of placements of outgoing students	3	B	Annexure 8.3 Attached 5.2.1
8.4	Students Qualified in Competitive Examinations	1	C	Annexure 8.4 Attached 5.2.3


### 9. Alumni Engagement

9.1	The Alumni Association / Chapters	Yes	A	
9.2	Alumni contributions	Yes	B	
9.3	Alumni Association / Chapters meetings Conducted	5 Meetings	A	Annexure 9.3 Attached 5.4.1

### 10. Social Service and Extension Activities

10.1	Initiatives taken to engage with and contribute to local community	7	A	Annexure 10.1 Attached 3.4.1
10.2	No. of Activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national social cohesion as well as for observance of fundamental duties integration and communal harmony	5	B	Annexure 10.2 Attached 3.4.1

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10.3	Extension activities in the neighbourhood community in terms of impact and sensitizing students to social issues and holistic development	6	B	Annexure 10.3 Attached 3.4.1
10.4	Awards and recognition received for extension activities	NA	D	
10.5	Extension and outreach programs conducted in collaboration Government Organizations, Non-Government Organizations	NA	D	
10.6	Number of students participating in extension activities	654	A	Annexure 10.6 Attached 3.4.1
10.7	Village adaptation	-	C	
10.8	NCC (Awards)	-	C	
10.9	NSS (Awards)	-	C	

### 11. Administrative Procedures

11.1	Budget allocation, excluding salary for infrastructure augmentation	33,00,000/-	A	
11.2	Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component	39,00,761/-	A	
11.3	Established systems and procedures for maintaining and utilizing physical, academic and support facilities -laboratory, library, sports complex, computers, classrooms etc.	1,03,75,568/-	A	
11.4	Students benefited by scholarships and freeships provided by the Government	Yes	A	
11.5	Students benefited by scholarships, freeships, etc. provided by the institution besides government schemes	Yes	A	
11.6	Support to differently abled students	NA	C	As per coa first year guidelines (no admissions since last 5 years according to guidelines)
11.7	Transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases	Yes	A	Student redressal cell is well in place since last 5 years such cases are effectively dealt by cell
11.8	Presence of an active Student Council & representation of students on academic & administrative bodies/committees	Yes	A	Since inception student council placed in institute this council

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				represents institute various regional, national level competitive program
11.9	Professional development / administrative training programs organized by the Institution for teaching and non-teaching staff	Yes	A	These are attended as well as co hosted on a regular basis each year.

## 12. Governance, Leadership and Management

12.1	Governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	Yes submitted	A	Annexure 12.1a attached 6.1.1
12.2	Decentralization and participative management	Yes submitted	A	Annexure 12.2a attached 6.1.2
12.3	Perspective/Strategic plan and deployment documents	Yes submitted	B	Annexure 12.3a attached 6.2.1
12.4	Organizational structure of the Institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism	Yes submitted	A	Annexure 12.4a attached 6.2.2
12.5	Implementation of e-governance in areas of operation	Yes submitted	B	-
12.6	Effectiveness of various bodies/ cells/ committees is evident through minutes of meetings and implementation of their resolutions	Yes submitted	A	Annexure 12.6a attached
12.7	Welfare measures for teaching and non-teaching staff	Yes submitted	A	Annexure 12.7a attached 6.3.1
12.8	Performance Appraisal System for teaching and non-teaching staff	Yes submitted	B	-
12.9	Institutional strategies for mobilisation of funds and the optimal utilisation of resources	Yes submitted	B	6.4.3
12.10	Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies	Yes submitted	B	Annexure 12.10a attached 6.3.2

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### 13. Best Practices of the Institution

13.1	Number of gender equity promotion programs organized by the institution	3	A	Sufficient steps taken Annexure 13.1 attached
13.2	Power requirement of the Institution met by the renewable energy sources	100%	A	Institute uses 100% solar energy
13.3	Percentage of lighting power requirements met through LED bulbs	60%	B	Steps are being taken to replace other lighting with LED
13.4	Waste Management steps	Yes waste mgmt steps are taken	A	Steps are taken to reduce and recycle waste Annexure 13.4 attached 7.1.3
13.5	Rain water harvesting structures and utilization in the campus	Yes steps are taken	B	Initial infrastructure for RW harvesting & reuse in place Annexure 13.5 attached 7.1.4
13.6	Green Practices	Yes steps are taken	A	Active initiative towards building green campus Annexure 7.1.5
13.7	Code of conduct handbook exists for students, teachers, governing body, administration including Principal /Officials and support staff	Yes available on website	A	Core values available on website and placed on campus Annexure 13.8 attached 7.1.10
13.8	Display of core values in the institution and on its website	Yes activities are conducted	A	Members are sensitized through activities Annexure 13.10
13.9	Activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens obligations and other constitutional obligations	Yes documents available on website	A	Institute functions under RTMNU and COA directives Annexure 13.11 attached 7.1.9
13.10	Organizes national festivals and birth / death anniversaries of the great Indian personalities.	Yes available on website	A	Institute is particular in marking days of national importance Annexure 13.12 attached 7.1.11
13.11	Transparency in its financial, academic, administrative and auxiliary functions	Yes	A	

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13.12	1. Value addition by certification programs as well as technology training is focused through Skill Development Centre (APSSDC, IITB-RC, NPTEL, Spoken tutorial, Swayam Prabha).	Yes	A	
	2. Student participation in Innovation, Incubation and Entrepreneurship activities through Centre for Innovation Incubation and Entrepreneurship (CIIE)	No	C	
	3. Departmental initiative for placements in core domains other than central Training and Placement cell.	Yes	A	MOU tie ups and Strong Alumini cell works towards T&P
	4. Alumni involvement in placement drive.	Yes	A	As mentioned above
	5. The course coordinator system has been continued.	Yes	A	
	6. Conduct of subject based Seminars and workshops have been continued. Involvement of students in various committees has been increased.	Yes	A	
	7. The practice of conducting Guest lectures, Industrial visits and Industrial training has been enhanced.	Yes	A	
	8. The functioning of Research groups to promote better quality research and publications has been strengthened.	Yes	A	Getting funded research projects
	9. More Practical orientation is supported through Mini-projects, Technical seminars.	Yes	A	
	10. Industry Internship is made mandatory for all students	Yes	A	Design and built projects with govt bodies and hands on worshop
	11. Program electives, Open electives and Mandatory courses as well as MOOCs are incorporated.	Yes	B	Part of curriculum
	12. Continuous inputs from all stakeholders like Alumni, Academicians and Industry experts are taken to improve the curriculum on regular basis.	Yes	A	As prescribed by Council of Architecture
	13. To ensure a good character with better ethical values among the students, professional ethics course has been introduced in the curriculum for all the students	Yes	A	As mentioned in GC, CDC and ADC MOMs
	14. Additional Training on communication skills and soft skills is further increased.	Yes	A	Workshops and seminar every semester regarding the same
	15. Research aptitude among the students is inculcated through project implementations.	Yes	A	Communication skill as a course introduced in foundation training.

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16.	An Advisory Committee has been formulated for every department with suitable external members.		A	Research as part of curriculum
17.	A regular monitoring of Academic growth is taken care by the College Advisory Board (CAB)	Yes	A	Part of IQAC team
18.	Improved Membership in various professional bodies like IEEE, CSI, ISTE, IE, IETE, ISHRE, WHO, CUGH, etc.,	Yes	B	As mentioned in GC, CDC and ADC MOMs
19.	Institute has signed some MOUs and established Tie ups/collaborations with reputed organizations and institutions.	Yes	A	IGBC, IIA, GRIHA bodies
20.	Improved class room facilities with ICT tools.	Yes	B	
21.	Participation of students in Sports, Games at National and International level, NCC, NSS activities.	Yes	A	As in Annexure 3.5.2  Carried out as part of infrastructure development

#### 14. IQAC

14.1	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes	Yes	A	Annexure 14.1 attached 6.5.1
14.2	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms	Yes	A	Annexure 14.2
14.3	Quality initiatives by IQAC for promoting quality culture	Yes	A	Same as Annexure 14.2





**Observations of the Committee:**

1. Sufficient support of infrastructural facilities with modern tools exists.
2. Good number of Linkages with institutions/industries for internship
3. Advanced Research Center could be planned to establish in thrust area.
4. Extension and outreach programs to be improved

**Suggestions of the Committee:**

1. Effort in getting more R&D projects funded by government agencies.
2. Motivate all faculty members to acquire Ph.D.
3. Strong support of Alumni could have been developed also improve involvement of Alumni in academic and administrative activities.
4. Faculty should be encouraged to publish paper in index Journal & conferences.

External member	Sign
Dr. P. V. Walke Professor & Dean IQAC G H Raisonni College of Engineering, Nagpur	 5/05/2023
Dr. S. B. Jaju Professor & Dean R&D G H Raisonni College of Engineering, Nagpur	 5/05/2023

  
**Prof. Abhay V. Purohit**  
Principal IDEAS, Nagpur

