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INDIA TODAY



THE BEST COLLEGES OF INDIA

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ARCHITECTURE

No. 1 DEPARTMENT OF ARCHITECTURE
& PLANNING, INDIAN INSTITUTE
OF TECHNOLOGY, **ROORKEE**

BUILDING THE FUTURE

GURUSPEAK

“Digital infrastructure was enhanced for future possibilities of hybrid formats of education”

-DR GAURAV RAHEJA, Head, Department of Architecture and Planning, IIT Roorkee



EXCELLENCE BY DESIGN

Dr Gaurav Raheja at
IIT Roorkee



ARCHITECTURE

“T

he Department of Architecture & Planning has been seamlessly driving its academic and research programmes in online mode through the pandemic. Backed by strong institutional support, a highly motivated faculty and committed students, the entire ecosystem shifted gears to adapt to virtual collaborative tools and creative ways of delivering outcomes. Academic schedules were adhered to; design juries and other assessments were structured through online modes; and extensive digitisation of academic and research processes, such as online submissions, institutional portals for evaluation and facilitation of grading, were explored. The department completed the ongoing Spring Semester and will be initiating the Autumn Semester from end-July. The faculty offered various NPTEL (National Programme on Technology Enhanced Learning) courses towards bracing the online learning ecosystem. Digital infrastructure was enhanced with institutional support towards future possibilities of hybrid formats of education. A prestigious lab on net-zero emissions, under the Indo-UK programme, was set up, besides the Virtual Reality Lab, SPARSH Lab (Spatial Planning Research), Urban Dynamics Lab, Civic Design Lab, Industrial Design Lab, Laboratory of Inclusive Design, Infrastructure Planning Lab and Fabrication Lab to conduct high-end research in various aspects of built environments.” ■

(As told to Ashish Misra)

STUDENTSPEAK

DIVYANG PURKAYASTHA
BArch, Final Year, IIT Roorkee

“One of the best things about being in a course like architecture, especially in a multi-disciplinary institute like IIT, is collaborative learning. Before the pandemic, the students would collaborate for design competitions and work together in the studios. This helped everyone learn holistically and grow together.



Even though we adapted to the online learning mode, having spent the past four years learning in a particular way (offline) made the transition challenging for most. I miss the collaborative studio learning and being able to utilise the full potential of the infrastructure of our department. However, the ability to adapt and make the most out of our limited resources is a must-have skill the pandemic has taught me. Our faculty has been highly supportive and accom-

TOP 10 ARCHITECTURE COLLEGES

RANK 2021	RANK 2020	RANK 2019	RANK 2018	COLLEGE	CITY
1	1	1	1	DEPARTMENT OF ARCHITECTURE & PLANNING, INDIAN INSTITUTE OF TECHNOLOGY (IIT) ROORKEE	Roorkee
2	2	2	NP*	SCHOOL OF PLANNING & ARCHITECTURE (SPA), NEW DELHI	New Delhi
3	3	3	2	SIR J.J. COLLEGE OF ARCHITECTURE	Mumbai
4	5	5	5	FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA	New Delhi
5	4	4	6	SCHOOL OF PLANNING & ARCHITECTURE (SPA), BHOPAL	Bhopal
6	9	11	NP	SCHOOL OF PLANNING & ARCHITECTURE (SPA), VIJAYAWADA	Vijayawada
7	8	8	7	SCHOOL OF PLANNING & ARCHITECTURE, UNIVERSITY OF MYSORE	Mysuru
8	6	6	3	DEPARTMENT OF ARCHITECTURE, BIRLA INSTITUTE OF TECHNOLOGY MESRA	Ranchi
9	7	7	4	MANIPAL SCHOOL OF ARCHITECTURE & PLANNING	Manipal
10	10	10	10	BMS COLLEGE OF ARCHITECTURE	Bengaluru

*NP: Not participated; Note: Rankings are for Bachelor of Architecture (B Arch) course

modative of individual concerns, trying to ensure that all students are at par in terms of learning. The pandemic has taught me the importance of

support from teachers, friends and family and motivated us to give our best and move towards goals despite the hard circumstances.” ■
(As told to Ashish Misra)

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Bring Home Joy.
Not Infections.**

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*Swamala se
Shuruwat*

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Improves digestion

Improves physical strength

Improves concentration & focus

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No. **2** SCHOOL OF PLANNING AND ARCHITECTURE (SPA), NEW DELHI

GURUSPEAK

“We focused on creating self-awareness rather than just teaching architecture”



-PROF. P.S.N. RAO, Director, School of Planning & Architecture, New Delhi

The pandemic allowed us to experiment with alternative teaching models. We wanted to ensure equity of access and dealt with issues faced by our students, such as lack of computers at home or poor internet connectivity, on a case by case basis. Lectures were designed as large group discussions. Subject evaluation was converted to continuous internal assessment to lighten the student load. External jury exams were held online. Since students were able to digitally access more content, we encouraged them to choose sites

and projects outside India. Global experts and jurors were invited to review and share their experiences with the students. Architectural design, in particular, moved from using physical models as a medium for discussion to discussions around 3D models. The faculty consciously tried to not just teach architecture but also help students increase their self-awareness and see themselves as part of a larger community. Teaching became not just about transmitting knowledge but also motivating and supporting the students.” ■

(As told to Shelly Anand)

No. **3** SIR J.J. COLLEGE OF ARCHITECTURE UNIVERSITY OF MUMBAI, MUMBAI

GURUSPEAK

“The written exams were proctored online”



MILIND SHELTER

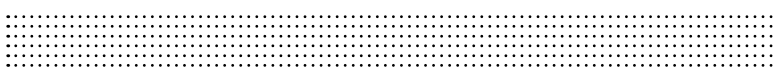
-PROF. RAJIV MISHRA

Principal, Sir J.J. College of Architecture, Mumbai

We started online education since August 2020 and have adapted ourselves to the new mode of teaching the subjects as per the college timetable. We also conducted exams online as per the guidelines of the Council of Architecture, University of Mumbai and University Grants Commis-

sion (UGC). The written theory exams were proctored through Google Classroom and Moodle platforms. The viva voce was also conducted online wherein students presented the work and the examiners assessed it digitally. The results were declared for the last academic year based on the online evaluation system followed.” ■

(As told to Aditi Pai)





ARCHITECTURE

TOP

10 GOVERNMENT COLLEGES WITH LOWEST FEES



RANK	COLLEGE	CITY	COURSE FEES* (Entire Duration) (₹)
1	DEPARTMENT OF ARCHITECTURE, ALIGARH MUSLIM UNIVERSITY	Aligarh	44,640
2	FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA	New Delhi	55,750
3	SIR J.J. COLLEGE OF ARCHITECTURE	Mumbai	86,925
4	DEPARTMENT OF ARCHITECTURE, COLLEGE OF ENGINEERING	Thiruvananthapuram	2,78,700
5	SCHOOL OF PLANNING & ARCHITECTURE (SPA), VIJAYAWADA	Vijayawada	2,91,800
6	SCHOOL OF PLANNING & ARCHITECTURE, JAWAHARLAL NEHRU ARCHITECTURE AND FINE ARTS UNIVERSITY	Hyderabad	3,90,200
7	SCHOOL OF PLANNING & ARCHITECTURE (SPA), BHOPAL	Bhopal	4,04,500
8	FACULTY OF ARCHITECTURE & PLANNING, DR A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY	Lucknow	4,30,000
9	SCHOOL OF PLANNING & ARCHITECTURE, UNIVERSITY OF MYSORE	Mysuru	4,77,865
10	SCHOOL OF PLANNING & ARCHITECTURE (SPA), NEW DELHI	New Delhi	4,88,000

*Course fee = Tuition fee + Other fees

TOP

10 PRIVATE COLLEGES WITH LOWEST FEES



RANK	COLLEGE	CITY	COURSE FEES* (Entire Duration) (₹)
1	DEPARTMENT OF ARCHITECTURE, TKM COLLEGE OF ENGINEERING	Kollam	50,000
2	R.V. COLLEGE OF ARCHITECTURE	Bengaluru	2,32,950
3	SRI VENKATESHWARA COLLEGE OF ARCHITECTURE	Hyderabad	3,75,000
4	AAYOJAN SCHOOL OF ARCHITECTURE	Jaipur	4,01,000
5	SMT MANORAMABAI MUNDLE COLLEGE OF ARCHITECTURE	Nagpur	4,10,500
6	BMS COLLEGE OF ARCHITECTURE	Bengaluru	4,54,580
7	AXIS INSTITUTE OF ARCHITECTURE	Kanpur	4,74,750
8	IDEAS-INSTITUTE OF DESIGN EDUCATION & ARCHITECTURE STUDIES	Nagpur	4,75,620
9	DEPARTMENT OF ARCHITECTURE, D.Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY	Kolhapur	4,80,000
10	DEPARTMENT OF ARCHITECTURE, PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY	Thanjavur	5,35,000

*Course fee = Tuition fee + Other fees

TOP
10 COLLEGES WITH BEST PLACEMENT RECORD

RANK	COLLEGE	CITY	AVERAGE ANNUAL SALARY (₹)
1	DEPARTMENT OF ARCHITECTURE AND PLANNING, INDIAN INSTITUTE OF TECHNOLOGY (IIT) ROORKEE	Roorkee	10,37,000
2	DEPARTMENT OF ARCHITECTURE, NATIONAL INSTITUTE OF TECHNOLOGY	Hamirpur	6,00,000
3	SCHOOL OF PLANNING & ARCHITECTURE, UNIVERSITY OF MYSORE	Mysuru	4,50,000
4	SCHOOL OF PLANNING & ARCHITECTURE (SPA), VIJAYAWADA	Vijayawada	4,44,000
5	FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA	New Delhi	4,20,000
5	SCHOOL OF PLANNING & ARCHITECTURE, JAWAHARLAL NEHRU ARCHITECTURE AND FINE ARTS UNIVERSITY	Hyderabad	4,20,000
7	SCHOOL OF PLANNING & ARCHITECTURE (SPA), NEW DELHI	New Delhi	4,00,000
7	SCHOOL OF PLANNING, ARCHITECTURE & DESIGN EXCELLENCE, HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE	Chennai	4,00,000
9	SCHOOL OF ARCHITECTURE, IPS ACADEMY	Indore	3,60,000
10	BMS COLLEGE OF ARCHITECTURE	Bengaluru	3,50,000

No. 4 FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA, NEW DELHI

GURUSPEAK

“All stages of thesis jury were conducted online through meticulous planning”

PROF. S.M. AKHTAR
 Dean, Faculty of Architecture & Ekistics,
 Jamia Millia Islamia, New Delhi



“N

ew and innovative teaching methods were adopted in the online mode for our architecture programme. The methodology included online lectures through Google Meet, online extension lectures and workshops by subject experts, and supply of books in PDF format as well as study material in the form of research articles, recorded lectures and video links related to the subject topics. Additional methods adopted included the use of Open Courseware platforms, such as the MIT OpenCourseWare and UGC’s MOOCs Swayam platform. Case studies of buildings and campuses were covered virtually through ArchDaily, websites of architects, YouTube videos and Instagram. For final-year students, all stages

of thesis jury were successfully conducted online through meticulous planning, using Google Meet. Google Classrooms were created for each subject and assessments and subject-related readings posted on them. Regular assessment of student exercises, especially in core subjects such as design and construction, was done through Google Classroom. The final examinations are being conducted through the ‘open book exam’ format by the Controller of Examination, Jamia Millia Islamia. Before the final exams, mock tests were conducted for students of all years so that they were well-versed with the interface—both the process and the software. The viva voce will be conducted through online meetings via Google Meet.” ■

(As told to Shelly Anand)



ARCHITECTURE

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EMERGING COLLEGES

Highest-scoring colleges among those set up in or after 2000

RANK 2021

- 1 FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA, *New Delhi*
- 2 SCHOOL OF PLANNING & ARCHITECTURE (SPA), *Bhopal*
- 3 SCHOOL OF PLANNING & ARCHITECTURE (SPA), *Vijayawada*
- 4 SCHOOL OF PLANNING & ARCHITECTURE, UNIVERSITY OF MYSORE, *Mysuru*
- 5 DEPARTMENT OF ARCHITECTURE, NATIONAL INSTITUTE OF TECHNOLOGY, *Hamirpur*
- 6 AMITY SCHOOL OF ARCHITECTURE & PLANNING, *Noida*
- 7 AAERT & THE SSB FACULTY OF ARCHITECTURE, SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY, *Surat*
- 8 MBS SCHOOL OF PLANNING & ARCHITECTURE, *New Delhi*
- 9 AMITY SCHOOL OF ARCHITECTURE & PLANNING, *Lucknow*
- 10 AXIS INSTITUTE OF ARCHITECTURE, *Kanpur*

TOP

3 GAINERS

Colleges that made the biggest leaps since last year

COLLEGE	CITY	RANK 2021	RANK 2020
SCHOOL OF PLANNING & ARCHITECTURE (SPA), VIJAYAWADA	Vijayawada	6	9
DEPARTMENT OF ARCHITECTURE, D.Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY	Kolhapur	21	24
FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA	New Delhi	4	5

NEW ENTRANTS AMONG TOP 25

Colleges that found place among top 25 for the first time

RANK	COLLEGE	CITY
11	DEPARTMENT OF ARCHITECTURE, ALIGARH MUSLIM UNIVERSITY	Aligarh
12	SCHOOL OF PLANNING & ARCHITECTURE, JAWAHARLAL NEHRU ARCHITECTURE & FINE ARTS UNIVERSITY	Hyderabad
14	DEPARTMENT OF ARCHITECTURE, NATIONAL INSTITUTE OF TECHNOLOGY	Hamirpur

No. 5 SCHOOL OF PLANNING & ARCHITECTURE BHOHAL

GURUSPEAK

“We responded to the Covid challenge with greater use of technology”

- PROF. N. SRIDHARAN
Director, School of Planning & Architecture, Bhopal

PANKAJ TIWARI



Learning completely shifted online in the pandemic. To make the most of it, we identified aspects that could be better learnt and imbibed on the online platform. More than 40 webinars were organised in this period, in which international subject experts from diverse fields could interact with the students. This would not have been possible in a classroom-based offline teaching. Covid proved to be a bigger challenge for holding studios in the open. We responded to this chal-

lenge through greater use of technology, satellite imagery, drones and other techniques, which are already in use overseas. The period was also well utilised for carrying out mass-scale plantation and creating two lakes on campus for rainwater harvesting.” ■

(As told to Rahul Noronha)