

HEAD'S TALK SERIES

Creating artisanal, philosophical and technologically sound built environment

DEPARTMENT OF ARCHITECTURE & PLANNING

Celebrating 30 years of glorious past



**BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI**

I N T R O D U C T I O N

Department of Architecture & Planning, BIT Mesra

Established in 1993, is the first institute to offer Architectural & Planning Education in Jharkhand

It was established with the mission:

The mission of the Department of Architecture is to foster a student-centered educational program in architecture. The programme through its pedagogy which is heuristic and responsive to technological, cultural, and social environments, seeks to offer a diverse, interdisciplinary and rigorous curriculum that will promote personal development and professional excellence.

VISION OF THE DEPARTMENT

The underlying vision for the Department of Architecture & Planning is to make the department an academic knowledge hub that will actively contribute in the contemporary domain, by

- Providing innovative professionals who will contribute wholesomely to nation building.
- Providing individuals who can make significant contribution to the advancement of the society.
- Preparing students for leadership roles in the fields of Architecture & Planning.



Department's Accolades

INDIA TODAY

TOP 10 ARCHITECTURE COLLEGES

RANK 2022	RANK 2021	COLLEGE	CITY
1	1	DEPARTMENT OF ARCHITECTURE & PLANNING, IIT ROORKEE	Roorkee
2	2	SCHOOL OF PLANNING & ARCHITECTURE (SPA), NEW DELHI	New Delhi
3	3	SIR J.J. COLLEGE OF ARCHITECTURE	Mumbai
4	6	SCHOOL OF PLANNING & ARCHITECTURE (SPA), VIJAYAWADA	Vijayawada
5	4	FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA	New Delhi
6	5	SCHOOL OF PLANNING & ARCHITECTURE (SPA), BHOPAL	Bhopal
7	7	SCHOOL OF PLANNING & ARCHITECTURE, UNIVERSITY OF MYSORE	Mysuru
8	8	DEPARTMENT OF ARCHITECTURE, BIT MESRA	Ranchi
9	10	BMS COLLEGE OF ARCHITECTURE	Bengaluru

Outlook

BUSINESS MONEY CRYPTO CORNER TRAVEL SPORTS VIDEOS ENTERTAINMENT PHOTO

Name of the Institutions	CENTRE FOR ENVIRONMENTAL PLANNING AND TECHNOLOGY UNIVERSITY, AHMEDABAD
Academic & Research Excellence (300)	162.47
Industry Interface & Placement (200)	250
Infrastructure & Facilities (200)	220.56
Governance & Admissions (150)	130.51
Diversity & Outreach (150)	105.1
TOTAL SCORE (1000)	868.64

Rank	2
Name of the Institutions	DEPARTMENT OF ARCHITECTURE, BIRLA INSTITUTE OF TECHNOLOGY MESRA, RANCHI
Academic & Research Excellence (300)	146.31
Industry Interface & Placement (200)	189.24
Infrastructure & Facilities (200)	193.66
Governance & Admissions (150)	99.57
Diversity & Outreach (150)	65.1
TOTAL SCORE (1000)	693.88

MBA ▾ Engineering ▾ Medical ▾ Law ▾ Architecture ▾

Top 40 Architecture Private Colleges in India

Show 10 entries Search:

All India Rank*	Name of Architecture College	City	State	Employability	Teaching Learning Resources	Faculty	Infrastructure	Projects and Case Study	Innovation	Overall Index Score (Out of 100)
1	Centre for Environmental Planning and Technology University	Ahmedabad	Gujarat	81.6	82.4	71.6	78.6	75.2	77.6	78.56
2	Department of Architecture & Planning, Birla Institute of Technology	Mesra	Jharkhand	82.0	78.8	73.2	73.4	66.8	74.6	76.42
3	BMS College of Architecture	Bengaluru	Karnataka	78.6	75.8	66.2	73.8			
4	Balwant Sheth School of Architecture, NMIMS University	Mumbai	Maharashtra	73.4	79.2	66.2	73.8			
5	Manipal School of Architecture and Planning, MAHE-Manipal	Manipal	Karnataka	74.4	73.8	67.0	76.4			
6	Rizvi College of Architecture	Mumbai	Maharashtra	73.6	72.2	68.0	74.8			

NIRF 2022 – 25th in Architecture



HOME NEWS CAREER FOCUS RANKINGS

EducationWorld India B.Arch (Bachelor of architecture) Rankings

Rank	University Name	City
1	Sir JJ College of Architecture, Mumbai	Mumbai
2	School of Planning & Architecture (SPA), Delhi	Delhi
3	CEPT University, Ahmedabad	Ahmedabad
4	Faculty of Architecture and Ekistics, Jamia Millia Islamia University, Delhi	Delhi
4	School of Planning & Architecture (SPA), Bhopal	Bhopal
5	RV College of Architecture, Bengaluru	Bengaluru
5	School of Planning & Architecture (SPA), Vijayawada	Vijayawada
6	Department of Architecture & Planning, Birla Institute of Technology (BIT), Mesra	Mesra

2022 RANKING IN ARCHITECTURE

2021 RANKING IN ARCHITECTURE



TOP 10 INSTITUTES FOR B.ARCH (BACHELOR OF ARCHITECTURE)

RANK	Institution Name
1	Sir JJ College of Architecture, Mumbai
2	School of Planning & Architecture (SPA), Delhi
3	CEPT University, Ahmedabad
4	School of Planning and Architecture (SPA), Bhopal
5	Faculty of Architecture and Ekistics, Jamia Millia Islamia University, Delhi
6	Department of Architecture, Birla Institute of Technology (BIT), Mesra
7	Manipal School of Architecture and Planning
8	School of Planning and Architecture (SPA), Vijayawada
9	RV College of Architecture, Bengaluru
10	BMS School of Architecture, Bengaluru

www.educationworld.in

EduVidya.com

Top 100 Architecture Colleges in India

(4 out of 5 based on 41 Ratings)

Given below is the list of Top 100 Architecture Colleges in India 2021, Private, Government BArch Colleges under NATA.

List of Top 100 Architecture Colleges in India 2021:-

1. IIT Kharagpur
2. IIT Roorkee
3. NIT Calicut
4. School of Planning and Architecture, New Delhi
5. College of Engineering, Thiruvananthapuram
6. School of Planning and Architecture, Bhopal
7. NIT Tiruchirappalli
8. Jamia Millia Islamia, New Delhi
9. School of Planning and Architecture, Vijayawada
10. Birla Institute of Technology, Ranchi
11. College of Engineering, Visakhapatnam

AGENCY	RANK
NIRF	14
INDIA TODAY	8
IIRF (PRIVATE COLLEGES)	1
EDUCATION WORLD	6
EDU VIDYA	10



INDIA'S BEST ARCHITECTURE COLLEGES 2021

RANK : 8 Department of Architecture Birla Institute of Technology Mesra



CITY: Ranchi

The Department of Architecture was established at BIT Mesra in the year 1993 in keeping with the multifarious scope of Architecture as the art and science of designing spaces and adding value to a meaningful built environment.

[Website](#)

[Previous](#) [Next](#)



Rank *

Name of Architecture College (Private)

City

State

1

Birla Institute of Technology

Mesra

Jharkhand

UNIQUE ACHIEVEMENTS OF THE DEPARTMENT

- **Only Architecture Department in the country to be awarded with UGC SAP DRS I project**
- **Only Architecture Department in the country to have developed 6 courses on Architecture under National Mission Project on Education through ICT: a project of MHRD - 2009-2015**
- **One of the few Architecture & Planning departments in the country to have been awarded AICTE MODROBS**



Department's Programmes

PROGRAMMES OFFERED BY THE DEPARTMENT

Program (Session)	Level of Study	Specialization	Sanctioned Intake
B. Arch. (1993-94)	U.G.	Architecture	40
M. U. P. (2006-07)	P.G.	Urban Planning	20
M. Arch (Sustainable Architecture) (expected to start in 2022)	P.G.	Architecture	20
Ph.D. (2005-06)	Ph.D.	Architecture and Planning	Currently enrolled: 16





Department's Faculty Members

HEADS AND IN-CHARGES OF THE DEPARTMENT

Sl. No.	Name	From	To
1	Prof. A. K. Aggarwal	September 1993	30.06.96
2	Prof. S. Sengupta	01.07.96	30.09.96
3	Prof. N. Sengupta	01.10.96	31.10.02
4	Prof. D. Sasmal	01.11.02	08.04.05
5	Prof. A. Khare	09.04.05	07.08.2009
6	Prof. M. Chakraborty	08.08.2009	09.03.2015
7	Prof. D.J. Biswas	10.03.2015	28.02.2018
8	Dr. S. Sarkar	01.03.2018	24.12.2018
9	Prof. D.J. Biswas	25.12.2018	30.06.2019
10	Dr. S. Sarkar	1.07.2019	12.11.2021
11	Prof. M. Chakraborty	13.11.2021	Till date






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<i>Designation</i>	<i>Name</i>	<i>Specialization</i>	
Professor	Dr. Manjari Chakraborty	Architectural Education Building Science and Technology Sustainability and Green Architecture	
Associate Professor	Dr. Satyaki Sarkar (transferred to Patna)	Urban and Regional Planning Conservation Planning Disaster Mitigation	
Assistant Professor	Ar. Ritu Agrawal	History of Indian Architecture, Urban Development Planning, Rural Development	
	Dr. Smriti C. Mishra	Riverfront Planning, Sustainable Development, Perception studies, Urban & Regional Development, Environmental Management	
	Dr. Bimal Chandra Roy	Urban & Regional Planning, Industrial Development, Infrastructure Planning, Heritage Management, Carbon footprint reduction, Socio-Economic Development,	
	Dr. Rajan Chandra Sinha	Housing and Community Planning, Urban Governance, Urban and Regional Planning, Urban Infrastructure Planning, Disaster Management	
	Ar. Anuj Toppo	Urban Planning, Environmental Science, Plumbing	

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<i>Designation</i>	<i>Name</i>	<i>Specialization</i>	
Assistant Professor	Mr. Mrinal Pathak	Conceptual Arts And Music Therapy	
	Ar. Apurv Ashish	Sustainability and Green Building Existing Building Retrofit, History of Indian and Western Architecture, Acoustics of Enclosed Spaces,	
	Ar. Anila S. Surin	Urban planning, Architecture and tenure ship in urban area, Ethnic villages within the urban area, Tenancy Laws and Urban Development Strategies.	
	Ar. Tiwari Pavan Kumar	Urban Environment, Urban Water and Sanitation, Historiography in Architecture and Planning, Sustainable Architecture.	
	Ar. Anjali Pathak	Urban planning, Affordable Housing, Urban Poverty, Housing Finance, Built Environment.	
	Ar. Rizwan Kazmi	Urban Regeneration, Universal Design, Building Services and Facility Planning.	
	Ar. Shama Parween	Urban Regeneration, Urban Design, Environmental Planning	

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<i>Designation</i>	<i>Name</i>	<i>Specialization</i>	
Assistant Professor	Dr. Prashant Prasad	Transport planning, Infrastructure design	
	Ar. Abhinandan Bera	Landscape planning & Architecture	
<i>Designation</i>	<i>Name</i>	<i>Previous/ Current Involvement</i>	
Guest Professor	Dr. Sudipto Roy	<u>Consultant - Advisor [Planning, Design, Development, Social Science], Brisbane Australia</u>	
Adjunct Professor	Prof. Chetan V. Vaidya	Ex-Director, School of Planning and Architecture, Delhi & Ex-Director, National Institute of Urban Affairs, Delhi	
	Ar. Sudipto Chakraborty	Ex-Chief Architect CMPDIL, Ranchi	



Activities of the Department

DEPARTMENTAL ENDEAVOURS

1. Organizing Seminars, Conferences, Workshops, Q.I.P./S.T.T.P., One-day Colloquiums
2. Consultancy Works in the field of Architecture & Planning
3. Research and Development through
 1. Sponsored Projects
 2. Publications
 3. Faculty Participation in Seminars, Conferences, Workshops, Q.I.P./S.T.T.P., etc
4. Industrial Collaboration

WORKSHOPS CONDUCTED

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

WORKSHOP ON : BRICK ARCH CONSTRUCTIONS DATE: 30th – 31st MARCH 2019



**CONDUCTED BY : AXIS.EDU,
RANCHI
NO. OF PARTICIPANTS: 50**

2 Day Workshop on “Brick Arch Constructions”

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

WORKSHOP ON STREET JUNCTION DESIGN

DATE: 22nd AUGUST 2019



**NO. OF
PARTICIPANTS: 25
(MUP students)
CONDUCTED BY:
WORLD RESOURCE
INSTITUTE (WRI)**

1 Day Workshop on “Street Junction Design”

WORKSHOPS CONDUCTED

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

WORKSHOP ON : ENERGY CONSERVATION AND BUILDING CODES DATE: 23RD AUGUST 2019



CONDUCTED BY : GOVERNMENT OF JHARKHAND

NO. OF PARTICIPANTS: 35

2 Day Workshop on “Sustainable Future”

1 Day Workshop on “Energy Conservation & Building Codes”

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

WORKSHOP ON : SUSTAINABLE FUTURE DATE: 9TH – 10TH SEPTEMBER 2019



Speaker: Ar. Vaishaly & Ar. Rishabh Jain From: Environmental Design Solutions, New delhi

NO. OF PARTICIPANTS: 60

WORKSHOPS CONDUCTED

DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)

WORKSHOP ON : AUTODESK REVIT DATE: 15TH – 17TH SEPTEMBER 2019



WORKSHOP BY
CHETHANVA GANESH
FOUNDER,
LOMOS ARCHILABS

WORKSHOP ON
AUTODESK
REVIT &
BIM

When?
15TH-17TH Sept '19 (9am -4:30pm)

Where?
LECTURE HALL II

ORGANISED BY:
DEPT. OF
ARCHITECTURE,
BIT MESRA

SUPPORTED BY:
STUDENTS
SOCIETY OF
ARCHITECTURE

LAHMANI 917520685
PURNIMA 802211489



Speaker: **Ar. Chaithanya Ganesh** FROM LOMOS Archilabs, Bengaluru

NO. OF PARTICIPANTS: 105

1 Day Workshop on “How to Festival”

3 Day Workshop on “Autodesk Revit”

DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)

WORKSHOP ON : HOW TO FESTIVAL DATE: 23RD SEPTEMBER 2019



LOCATOR®
brings you
HOW TO FESTIVAL 2019
Discovering Products

• Understand about a variety of products and technologies from market leading brands • Design ideas contest with attractive cash prizes • Win an opportunity to meet hundreds of senior architects in Mumbai at an annual event • Quizzes and games galore with exciting prizes • Get a certificate of participation

Specially conducted for
Birla Institute of Technology
Monday 23rd September 2019
Registration: 9.15 a.m.

Presented by
LIC

Supported by
BERKO, BIR, Fenesta, HunterDouglas, YATA STEEL, VOLTAS



Speaker: **Industru experts from Ghar Dekko, Tata pravesh, Voltas, Dr. Fixit etc. Organised by Locator, Bengaluru**

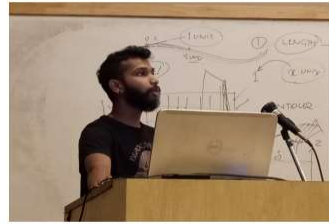
NO. OF PARTICIPANTS: 60

WORKSHOPS CONDUCTED

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

WORKSHOP ON RHINOCEROS & GRASSHOPPER

DATE: 15TH TO 17TH NOVEMBER 2019



3 Day Workshop on “Rhinoceros & Grasshopper”

Speaker: Ar. Rushwanth R., FROM LOMOS Archilabs, Bengaluru

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

WORKSHOP ON : BODY CONSCIOUS DESIGN

DATE: 7TH JANUARY 2020

1 Day Workshop on “Body Conscious Design”



CONDUCTED BY : DR. GOURAB KAR
B. Arch (BIT Mesra), M.Des (IIT Delhi), M.des (Georgia Tech), PhD (Cornell Univ), Graduate Research Assist (Cornell Univ.)

NO. OF PARTICIPANTS: 20



ALUMNI CONNECT

Students' Society Of Architecture

Birla Institute Of Technology, Mesra

Colloquium on this auspicious **INTERNATIONAL WOMEN'S DAY**

'Innovations & Entrepreneurship Opportunities Post Architectural Education'

8th March
9:30 AM - 12:30 PM IST

9:30 AM - 10:15 AM IST
Ar. Susmita Sinha
Founder Localfeedback.org India

10:15 AM - 11:00 AM IST
Ar. Vasudha Varma
Interaction designer, Google, San Francisco, USA

11:00 AM - 11:45 AM IST
Ar. Amrita Maitra
Architect & Urbanist Oskaprod, Paris, France

11:45 AM - 12:30 PM IST
Dr. Devottama Banerjee
Founder and Managing Director GreenInfra Creations Pvt.Ltd.

EDC, BIT, MESRA | E-SUMMIT 21 | BIRLA INSTITUTE OF TECHNOLOGY, MESRA | INSTITUTIONS' INNOVATION COUNCIL | SSA, BIT, MESRA

COLLOQUIUM 2021

8TH MARCH, 2021 | **9:30 AM - 12:30 AM**

Ar. Susmita Sinha, Founder Localfeedback.org India

Ar. Devottama Banerjee, Founder and Managing Director GreenInfra Creations Pvt. Ltd.

Ar. Amrita Maitra, Architect and Urbanist, Oskaprod, Paris, France

Ar. Vasudha Varma, Interaction Designer, Google, San Francisco, USA

VENUE : MICROSOFT TEAMS
DATE : 8TH MARCH, 2021
TIME : 9:30 A.M. - 12:30 A.M.

INTERNATIONAL WOMEN'S DAY

ALUMNI CONNECT

Department of Architecture
BIT Mesra

Students' Society of Architecture
BIT Mesra

INNOVATIONS & ENTREPRENEURSHIP OPPORTUNITIES ARCHITECTURAL POST EDUCATION

+++++ SCHEDULE
30th January
9:30am onwards
on Google Meet Platform

+++++ SPEAKERS



Ar. Avneet Kaur
Character FX/Simulation Supervisor
Walt Disney Animation Studios,
Los Angeles, USA
9:30am-10:30am



Ar. Tanay Kumar
Co-founder, CEO and Chief Creative Officer
Fractal Ink Design Studio Pvt. Ltd.,
Mumbai
10:30am-11:30am




Ar. Priyanka Agrawal
Country Head, Isobar Consulting
Co-founder, COO & Chief Strategy Officer
Fractal Ink Design Studio Pvt. Ltd.,
Mumbai
11:30am-12:30pm

Avneet Kaur is presenting

RIDDHI SHARMA and 53 more

9:53 AM

Architecture to Animation

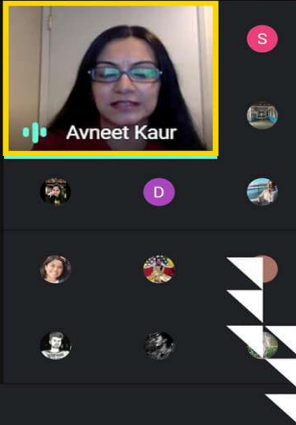


"Raya and the Last Dragon" - Releases March 2021

COLLOQUIUM

Avneet Kaur

D



ALUMNI CONNECT

STUDENTS SOCIETY
OF ARCHITECTURE



DEPT. OF ARCHITECTURE AND PLANNING
BIRLA INSTITUTE OF TECHNOLOGY,
MESRA, RANCHI

On the occasion of International Women's Day, we cordially invite you to

SYMPOSIUM 2022

Journey in architecture school and beyond

DR. PALLAVI SWARANJALI



FACULTY AND PROGRAM
COORDINATOR

Algonquin College
Ottawa, Canada
Founding Coordinator
Carleton Research

DR. NEELAKSHI JOSHI



RESEARCH
ASSOCIATE

Leibniz Institute of
Ecological Urban and Regional
Development
Dresden, Germany

ANANYA CHAUDHARY
PRESIDENT

Venue: Microsoft Teams
Date: 8th March, 2022
Time: 2pm - 4pm

AKHIL ZACHARIA, MANSI KRISNA
VICE PRESIDENTS

COLLOQUIUM

DEPARTMENT OF ARCHITECTURE BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)

OEUVRE – AN ARCHITECTURAL COLLOQUIUM DATE: 8TH FEBRUARY 2020 NO. OF PARTICIPANTS: 150

DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, MESRA
AND
STUDENTS' SOCIETY OF ARCHITECTURE
BIT MESRA

DR. SOUMYENDU SHANKAR RAY
DIRECTOR, KIIT SCHOOL OF ARCHITECTURE AND PLANNING

AR. DEBATOSH SAHU
DIRECTOR, ESPACE PLANNING SERVICES PVT. LTD. KOLKATA

AR. SANDEEP JHA
DIRECTOR, STUDIO AXIS RANCHI

oeuvre
architectural colloquium
the body of work of a painter, composer, or author.

DATE: 08/02/2020 | TIME: 6:30 AM | VENUE: CAT HALL



SPEAKERS – PROF. S.S. RAY, KIIT BHUBANESWAR, AR. DEBATOSH SAHU, ESPACE KOLKATA AR. SANDEEP JHA, AXIS, RANCHI



GUEST LECTURES

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

LECTURE BY PROF. B.K. SENGUPTA, DEPT. OF ARP IIT KHARAGPUR DATE: 7TH SEPTEMBER 2018
TOPIC OF LECTURE – FACETS OF URBAN PLANNING NO. OF PARTICIPANTS: 20



Guest Lecture on Facets of Urban Planning by Prof. B.K. Sengupta, IIT Kgp

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

LECTURE BY AR. SAIKAT ROY, ARCHITECTURAL DESIGNER AT GENSLER DATE: 26TH OCTOBER 2018
TOPIC OF LECTURE – CONTEMPORARY INTERIOR DESIGN NO. OF PARTICIPANTS: 50



Guest Lecture on Contemporary Interior Design by Ar. Saikat Roy, Gensler, Bengaluru

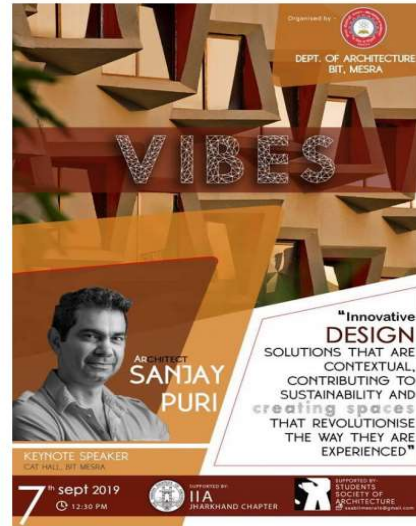


GUEST LECTURES

Guest Lecture by Ar. Sanjay Puri, Mumbai

DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)

LECTURE BY LEGENDARY ARCHITECT SANJAY PURI DATE: 7th SEPTEMBER 2019



DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)

NO. OF PARTICIPANTS: 150

LECTURE BY PROF. DR. SANDEEP AGARWAL, PROFESSOR AND DIRECTOR, SCHOOL OF URBAN AND REGIONAL PLANNING, UNIVERSITY OF ALBERTA, CANADA DATE: 9th DECEMBER 2019
TOPIC OF LECTURE - **URURAL** NO. OF PARTICIPANTS: 50



Guest Lecture on Urural by Dr. Sandeep Agarwal, University of Alberta, Canada

GUEST LECTURES

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

**LECTURE BY AR. HARSHWARDHAN, DESIGN STRATEGIST AT FORD USA DATE: 13TH JANUARY 2020
TOPIC OF LECTURE – HUMAN CENTERED DESIGN NO. OF PARTICIPANTS: 60**



**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)**

**LECTURE BY AR. PRAPTI JHA, INNOVATION CATALYST AT FORD USA DATE: 17TH JANUARY 2020
TOPIC OF LECTURE – HIGHER EDUCATION PROSPECTS IN US UNIVERSITIES NO. OF PARTICIPANTS: 60**



**Guest Lecture on
Human Centered
Design by Ar.
Harshwardhan, Ford,
USA**

**DEPARTMENT OF ARCHITECTURE
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI (MESRA CAMPUS)
GUEST LECTURE – VIVEK SINGH RATHORE, SALIENT DESIGNS KOLKATA**

DATE: 22ND FEBRUARY 2020

NO. OF PARTICIPANTS: 80



**Guest Lecture on
Higher Education
Prospects by Ar. Prapti
Jha, Ford, USA**

**Guest Lecture by Ar.
Vivek Singh Rathore,
Kolkata**

STTP CONDUCTED

Organizing Committee

Patron:

Prof. Manoj Kumar Mishra,
Vice Chancellor, BIT Mesra

Chairman: Dr. Debajyoti Biswas

Convener: Dr. Satyaki Sarkar

Organizing Committee Members:

Dr. Manjari Chakraborty

Ar. Ritu Agarwal

Ar. Smriti Mishra

Ar. Janmejy Gupta

Dr. Bimal Chandra Roy

Ar. Rajan Chandra Sinha

Ar. Anuj Kumar Toppo

Ar. K. Bangkim Singh

Mr. Mrinal Pathak

Ms. Sangita

Last date of registration:
20th February 2016

ABOUT RANCHI

Ranchi is the capital and the second-most populous city in the Indian state of Jharkhand.

Ranchi is referred as the "City of Waterfalls" due to the presence of numerous large and small falls in the vicinity of the city. The most popular are Dassam Falls, Hundru Falls, Jonha Falls, Hirni Falls.

Ranchi has a hilly topography and its combination with dense tropical forests ensures a comparatively moderate climate compared to the rest of the state.

Address of correspondence

Dr. Satyaki Sarkar
Convener

.....
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Mesra, Ranchi- 835 215, Jharkhand, India
Phone: +91 651 -2275588 (O)
Mobile: +91- 94315 97302
Email : satyakisarkar2002@gmail.com

Department of Architecture,
Birla Institute of Technology, Mesra,
Ranchi



And

Department of Tourism, Art Culture,
Sports and Youth Affairs, Government
of Jharkhand



झारखण्ड सरकार

ANNOUNCES
One Week Short Term Training
Programme (STTP)
On
BUILDING MAINTENANCE AND
PRESERVATION



AICTE ATAL Academy FDP on "Personal Effectiveness"

05th Jan 2021 to 09th Jan 2021



About FDP:

Keeping the challenges of the contemporary academic work environment in preview, the FDP aims to cater the requirements of participants at different level levels including physical and mental health, their understanding of human values and inter-personal communication in teaching-learning environment.

Objectives of the FDP:

To learn techniques and skills to manage stress at workplace and improve physical, mental, and emotional wellbeing of an individual.

To improve commitment and ethical approach towards work and install a sense of responsibility towards work environment.

To enhance and maintain personal effectiveness by inculcating dynamism and leadership abilities.

To enhance ability to communicate and empathise for achieving a good inter-personal relationship with students and colleagues.

Targeted participants

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/ Participants from Industry etc.) and staff of BIT, Mesra.

About BIT Mesra, Ranchi.

An unquenchable thirst for innovation and disruption; a rich legacy of technology and entrepreneurship; and a commitment to nurturing leaders who make a difference to the world has been the credo of BIT Mesra in the nearly six decades of its existence.

It has many firsts to its credit. Today, it is a vibrant place, bustling with student activities and innovative teaching methods that make it home to thousands of aspiring leaders of tomorrow.



Department of Architecture BIT Mesra:

Established in 1993, the Department of Architecture, BIT Mesra is a leading school of Architecture, consistently ranked among top Architectural colleges in the country.

The department strives to develop a pedagogy which is heuristic and responsive to technological, cultural, and social environments, seeks to offer a diverse, interdisciplinary and rigorous curriculum that will promote personal development and professional excellence.



AICTE Training and Learning (ATAL) 2020-2021.

Five Day Faculty Development Programme (FDP)

ON

Capacity Building for Personal Effectiveness and Stress Management in the Teaching – Learning Environment

Date: 05/01/2021 to 09/01/2021

Organised By:
Department of Architecture
Birla Institute of Technology:
Mesra, Ranchi.

Contact Details:
Tiwari Pavan Kumar
Department of Architecture, BIT Mesra
Mobile: 8850246013, 8826816224
Email: pavan@bitmesra.ac.in, tiwaripavan.nith@gmail.com



Schedule of FDP

Date	Time	Nature of events
05/01/2021	9:30 a.m. to 10:30 a.m.	Inauguration
	10:30 a.m. to 12:00 Noon	Introduction to FDP. Utilizing breath as a tool for managing personal emotions and self-productivity.
	12:00 Noon to 12:15 p.m.	Break
	12:15 p.m. to 1:45 p.m.	Effective handling of stress at workplace - I
	1:45 p.m. to 2:45 p.m.	Lunch
06/01/2021	2:45 p.m. to 4:15 p.m.	Time management and improving efficiency through sustained high energy level.
	10:30 a.m. to 12:00 Noon	ROAD: Response, Effectiveness, Organizing Self, Attitudinal shift, decision Making
	12:00 Noon to 12:15 p.m.	Break
	12:15 p.m. to 1:45 p.m.	Relaxation and Clarity of Mind through Breath and Meditation - I
	1:45 p.m. to 2:45 p.m.	Lunch
07/01/2021	2:45 p.m. to 4:15 p.m.	Adhering commitments through inner peace and outer Dynamism
	10:30 a.m. to 12:00 Noon	Effective handling of stress at workplace - II
	12:00 Noon to 12:15 p.m.	Break
	12:15 p.m. to 1:45 p.m.	Relaxation and Clarity of Mind through Breath and Meditation - II
	1:45 p.m. to 2:45 p.m.	Lunch
08/01/2021	2:45 p.m. to 4:15 p.m.	Channelizing impacts and inspirations.
	10:30 a.m. to 12:00 Noon	Handling complaints and problems in teaching learning environment
	12:00 Noon to 12:15 p.m.	Break
	12:15 p.m. to 1:45 p.m.	Achieving dynamism and overcoming obstacles for personal development
	1:45 p.m. to 2:45 p.m.	Lunch
09/01/2021	2:45 p.m. to 4:15 p.m.	EMI: Ethics, Morality, and Integrity
	10:30 a.m. to 12:00 Noon	Installing a sense of responsibility towards the institution, Students and Colleagues.
	12:00 Noon to 12:15 p.m.	Break
	12:15 p.m. to 1:45 p.m.	Leadership and skillful Communication
	1:45 p.m. to 2:45 p.m.	Lunch
2:45 p.m. to 4:15 p.m.	MCQ Test. Experience sharing and feedback by Participants. Valediction.	



Ms. Aticka Dhandia



Mr. Akhilesh Parmanu
International faculty member and Director (GEP),



Ms. Ria Tayal
Faculty, Art of Living Foundation.



A Five-day workshop on "Personal Effectiveness" was conducted from 05th January 2021 to 9th January 2021, in which 140 participants from around 15 states of the country participated.



STTP CONDUCTED



Department of Architecture & Planning
Birla Institute of Technology, Mesra, Ranchi,
Jharkhand

Short Term Training Programme
on

Techniques of Design, Analysis, and Retrofitting of SKYSCRAPERS

13th to 17th December, 2021

- ✓ Design intervention and choice of exoskeleton
- ✓ Structural system and loading pattern
- ✓ Analysis of wind effects
- ✓ Analysis & Retrofitting in High-rise structure
- ✓ Project Management Mechanism for execution
- ✓ Structural systems adaptations for services

REGISTRATION DETAILS

Candidates should fill up the online registration form by scanning the QR code below:



<https://forms.gle/pnFqMPqEHVugSSw5A>

Confirmation of eligible candidates will be on a first come first served basis

Last date to register: 09/12/2021

Department of Architecture & Planning
Birla Institute of Technology
Mesra, Ranchi - 835215

Contact: +91 8340 624 130

Website:

https://www.bitmesra.ac.in/Show_Department_Section?cid=1&deptid=49

ORGANIZING COMMITTEE

Patron: Prof. Indranil Manna Vice Chancellor, BIT Mesra	Convenor: Dr. Manjari Chakraborty Head of the Department	Co-convenor: Dr. Satyaki Sarkar Associate Professor	Coordinator: Ar. Prashant Prasad Assistant Professor
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SHORT TERM TRAINING PROGRAMME ON TECHNIQUES OF DESIGN, ANALYSIS AND RETROFITTING OF SKYSCRAPERS

Organised by:

Department of Architecture & Planning
Birla Institute of Technology, Mesra

13th to 17th December 2021



SCHEDULE

13 th December 2021 (Monday)		
10:00 – 10:30	Inauguration	
10:30 – 12:00	Design interventions in Skyscrapers	Ar. Subhrendu Das, Edifice Consultants
12:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:15	Evolution & Design of Tall Buildings	Sudipta Ray Senior Vice President & Head- Residential Design & Construction, K. Raheja Corp., Mumbai
15:15 – 15:30	<i>Short break</i>	
15:30 – 16:45	Construction Technology for Tall Buildings	
14 th December 2021 (Tuesday)		
10:00 – 12:00	Analysis of wind effects and landscaping intervention in skyscrapers	Prof. K. Mohan, GITAM University
12:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:15	HVAC system in skyscrapers	Mr. Nirjhar Chakraborty, Hitachi
15:15 – 15:30	<i>Short Break</i>	
15:30 – 16:45	Electrical systems in skyscrapers	Mr. Chetan Sharma, Schneider Electric
15 th December 2021 (Wednesday)		
10:00 – 12:00	Emerging green technologies in skyscraper design	Prof. K. Mohan, GITAM University
12:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:15	Steel constructions in skyscrapers	Er. M.M. Ghosh, INSDAG
15:15 – 15:30	<i>Short break</i>	
15:30 – 16:45	Steel constructions in skyscrapers	
16 th December 2021 (Thursday)		
10:00 – 12:00	Project Management Mechanism for execution of skyscrapers	Suman Kumar, NBCC
12:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:15	Fire fighting installations in Skyscrapers	Soumitra Sural, SPECON
15:15 – 15:30	<i>Short Break</i>	
15:30 – 16:45	Vertical circulation in Skyscrapers	Er. Alok Kumar, Consultant
17 th December 2021 (Friday)		
10:00 – 12:00	Structural systems and Retrofitting of skyscrapers	Dr. S. P. Bhattacharya, IIT Kharagpur
12:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:15	Feedback & closing	
15:15 – 15:30	<i>Short Break</i>	
15:30 – 16:45	Feedback & closing	

STTP session link:

<https://meet.google.com/yky-etef-cob>

Or dial: (US) +1 567-250-3047 PIN: 355 618 784#

STTP CONDUCTED



Department of Architecture & Planning
Birla Institute of Technology, Mesra,
Ranchi, Jharkhand



National Institute of Urban Affairs

In collaboration with

National Institute of Urban Affairs
New Delhi

organising

Online Short Term Training Programme
on

MOBILITY IN SUSTAINABLE CITIES

20th to 24th June, 2022

REGISTRATION DETAILS

Candidates should fill up the online registration form by scanning the QR code below:

Confirmation of eligible candidates will be on a first come first served basis
Last date to register: 15th June 2022



<https://forms.gle/4aQbs3xRWUMKSW9AA>

 Department of Architecture & Planning
Birla Institute of Technology
Mesra, Ranchi - 835215

Contact: +91 8340 624 130 

Website: https://www.bitmesra.ac.in/Show_Department_Section?cid=1&deptid=49 

ORGANIZING COMMITTEE

Patron:
Prof. Indranil Manna
Vice Chancellor, BIT Mesra


Convenor:
Dr. Manjari Chakraborty
Head of the Department

Co-convenor:
Ar. Prashant Prasad
Assistant Professor

Coordinator:
Dr. Satyaki Sarkar
Associate Professor


MOUs OF THE DEPARTMENT

MEMORANDUM OF UNDERSTANDING



NATIONAL INSTITUTE OF URBAN AFFAIRS
NEW DELHI

AND



BIRLA INSTITUTE OF TECHNOLOGY
MESRA, RANCHI (JHARKHAND)

:- UNDER THE ABLE GUIDANCE OF:-

PROF. (DR.) INDRANIL MANNA
(Hon'ble Vice Chancellor)

:- IN BENIGN PRESENCE OF:-

PROF. (DR.) M. CHAKRABORTY PROFESSOR, ARCHITECTURE AND PLANNING & DEAN, INFRASTRUCTURE PLANNING	SHRI. HITESH VAIDYA DIRECTOR NATIONAL INSTITUTE OF URBAN AFFAIRS NEW DELHI
PROF. (DR.) SUDIP DAS DEAN, ADMISSION & ACADEMIC COORDINATION	DR. DEBJANI GHOSH ASSOCIATE PROFESSOR NATIONAL INSTITUTE OF URBAN AFFAIRS

DATE: 22ND OCTOBER 2021



MEMORANDUM OF UNDERSTANDING
(MoU)

BETWEEN

Birla Institute of Technology,
Mesra
(BITM)

AND





Indian Trust for Rural Heritage And
Development
(ITRHD)

Salient features:

Mutual collaboration for research, training, knowledge dissemination and developing framework for the region so as to facilitate various governments in the field of Sustainable and Inclusive Urban Development

Salient features:

Learning from heritage project restoration, training, work opportunities, prepare projects and feasibility reports for rural heritage tourism and organize capacity building program.



The Department: Its Spaces and Infrastructure

DESIGN STUDIO



DEPARTMENTAL SEMINAR ROOM



- Seating capacity: 60
- Equipped with LCD projector, OH projector, Video-conferencing facility to be available soon

DEPARTMENTAL RESOURCE CENTRE

The Centre houses:

- Thesis reports
- Training reports
- Tour reports
- Books and Codes
- Magazines
- Seminar proceedings
(attended by faculty and conducted by the Department)
- Other reference materials
(photocopied & bound)
- Building material catalogues
- Students work
(documentation)



MODEL MAKING WORKSHOP

The workshop accommodates

- Zodiac Cut Curve 442
- 3 D printing facility (to be installed soon)



BUILDING SCIENCE LAB & CADLAB

Building Science Laboratory

- Total weather station
- Surface temperature measuring gun
- Data logger, Light meter
- Indoor Air Quality Handled meter



Software available

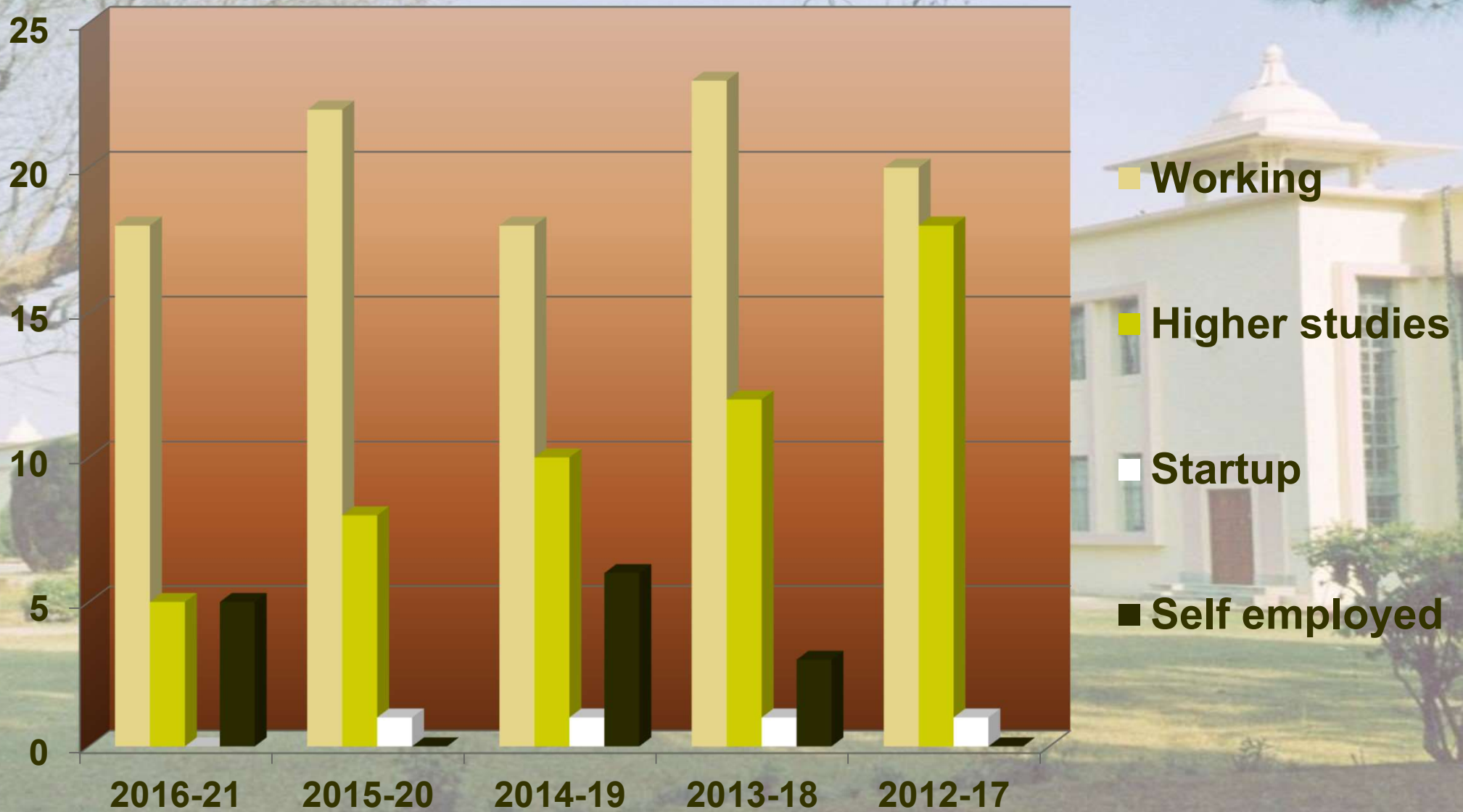
- AUTOCAD
- Grasshopper with Rhino
- Sketchup pro
- NVMET 4.0
- ARCGIS with 3-D city engine
- Bentley Building Information Modeling
- IBM SPSS Statistics 24



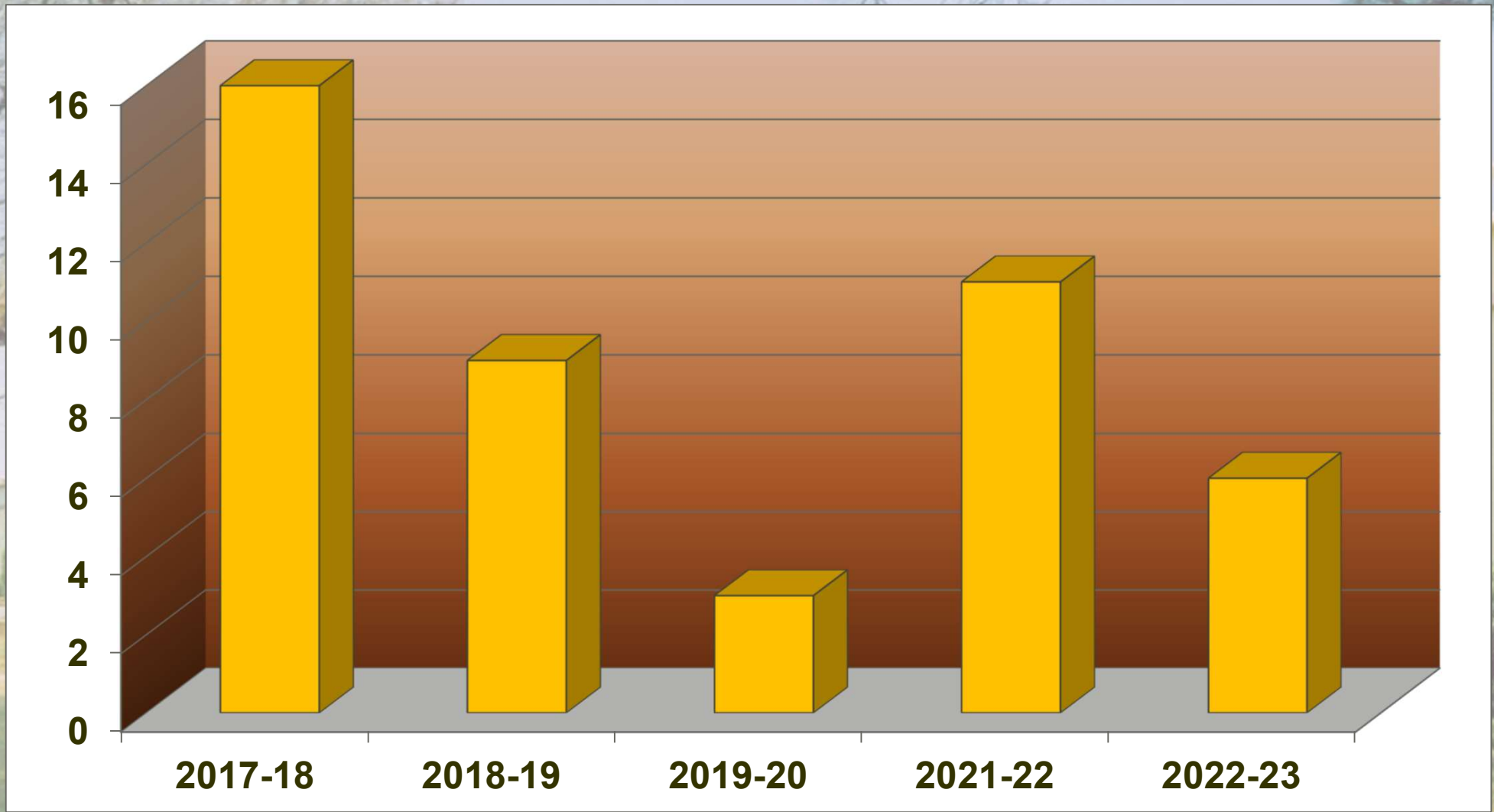


**Student's
placement &
higher studies**

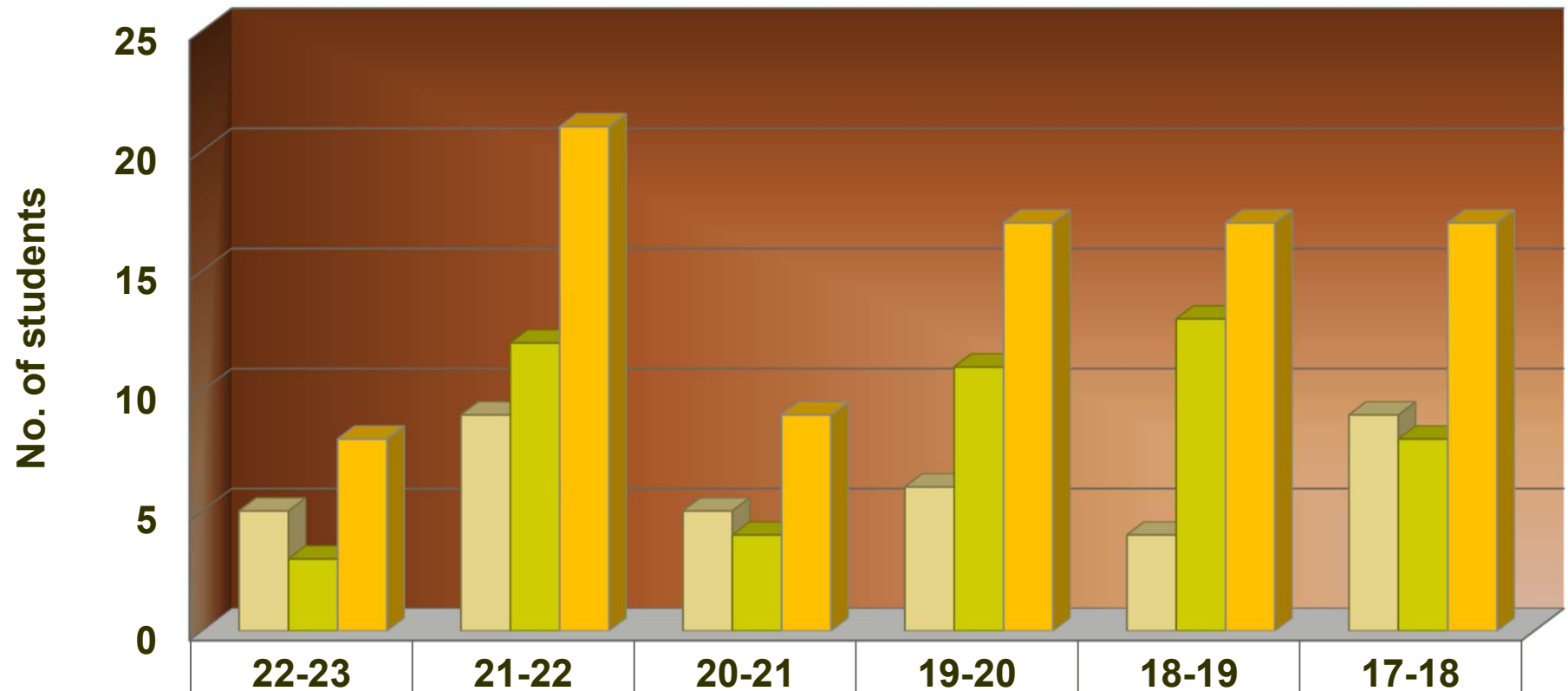
STUDENT'S INVOLVEMENT AFTER B.ARCH



NUMBER OF STUDENTS QUALIFYING GATE/CEED/CAT

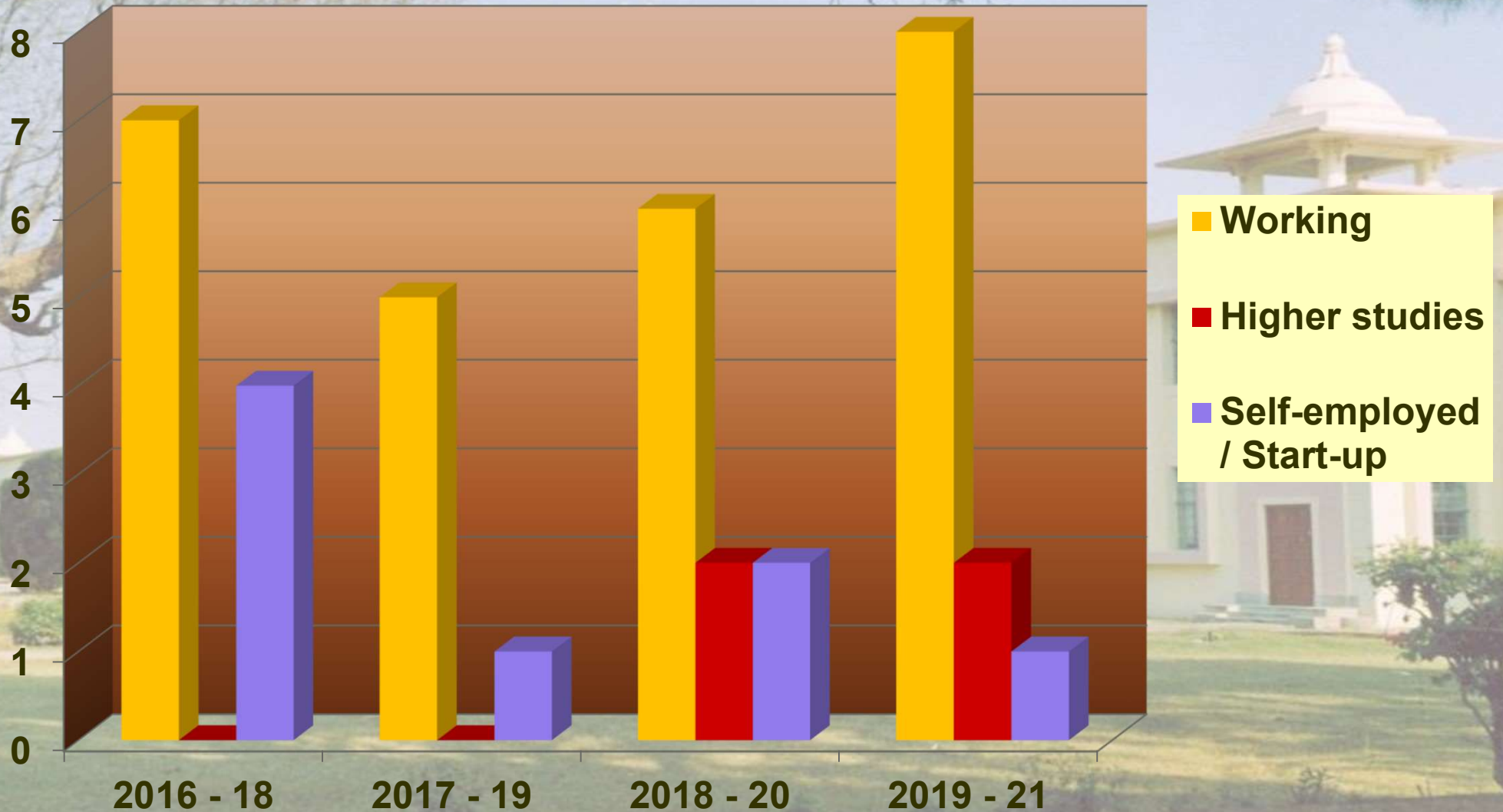


STUDENTS OPTING FOR HIGHER STUDIES AFTER B.ARCH



	22-23	21-22	20-21	19-20	18-19	17-18
Foreign Univ.	5	9	5	6	4	9
Indian Univ	3	12	4	11	13	8
Total	8	21	9	17	17	17

STUDENT'S INVOLVEMENT AFTER M.U.P.





Research & consultancy work

THRUST AREAS AT A GLANCE

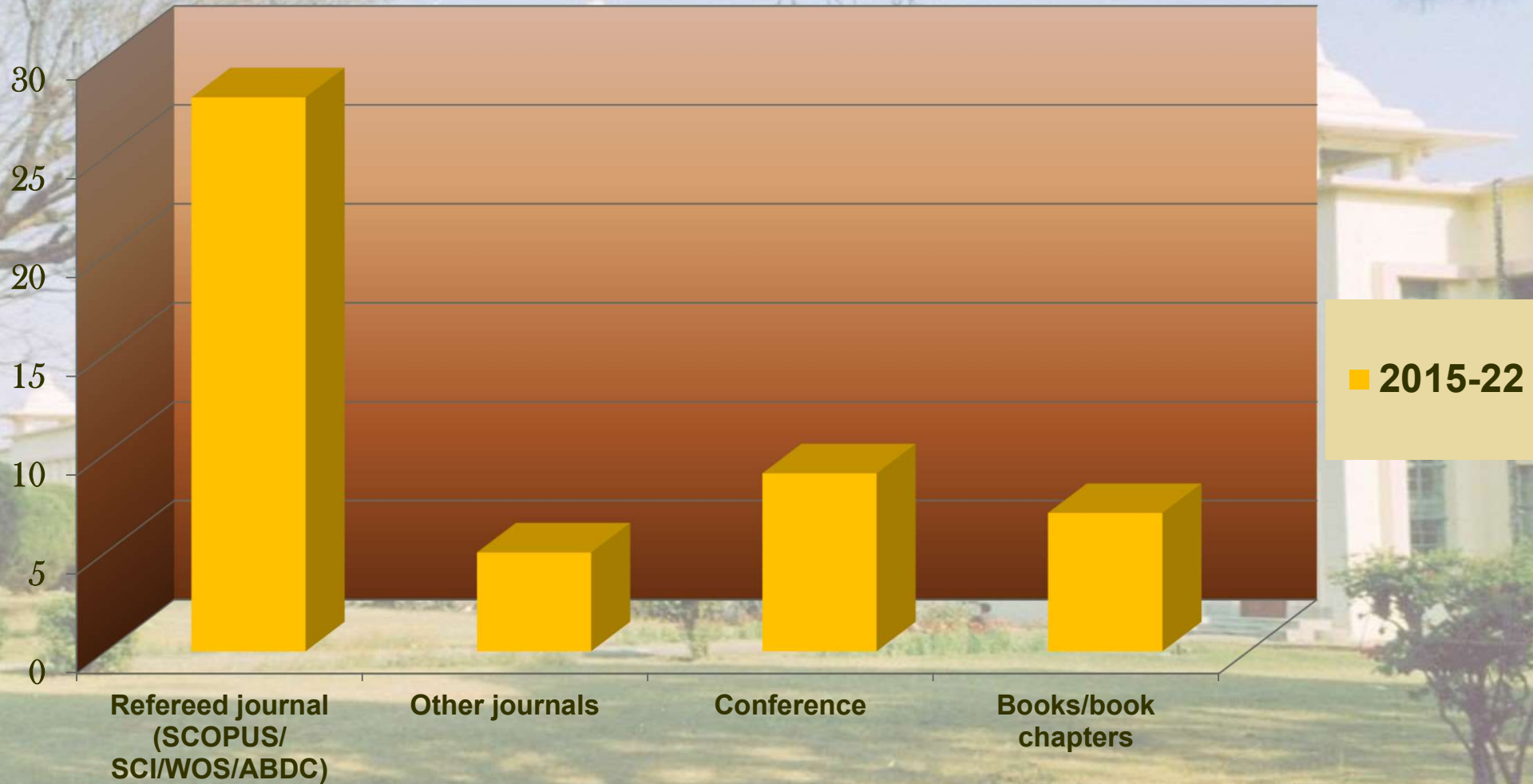
ARCHITECTURE

- ✓ **Building Science and Technology**
- ✓ **Sustainability and Green Architecture**
- ✓ **Conservation and heritage management**
- ✓ **Landscape architecture**
- ✓ **Urban design**
- ✓ **Circular Economy**
- ✓ **Urban regeneration**
- ✓ **Waste management**
- ✓ **Universal design**
- ✓ **Building retrofit**

URBAN PLANNING

- ✓ **Urban and regional planning**
- ✓ **Transportation planning**
- ✓ **Urban water & sanitation**
- ✓ **Riverfront planning**
- ✓ **Perception studies in urban planning**
- ✓ **Planning for peri-urban areas**
- ✓ **Urban environmental planning**
- ✓ **Inclusive affordable housing**
- ✓ **Industrial development**
- ✓ **Disaster management**
- ✓ **Infrastructure planning**

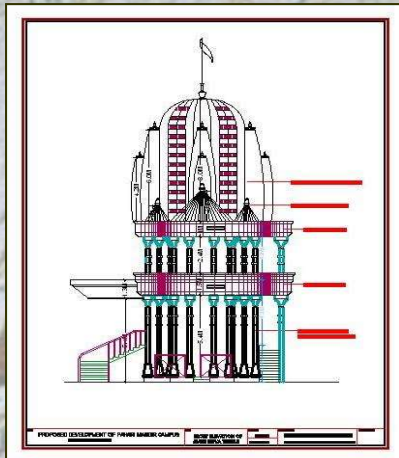
PUBLICATIONS



CONSULTANCY PROJECTS - COMPLETED

- Building Energy Consumption Analysis [Country/Region: India] for World Business Council For Sustainable Development (WBCSD) and United Technologies Council (UTC), USA
- Indoor Stadium At Ramgarh, Jharkhand
- Development of Megalith Area for Tourism Purpose- Hazaribagh, Jharkhand
- Development of Pahari Mandir, Ranchi, Jharkhand
- Conservation of Cultural Heritage (Master Plan) of Sutiambe, Jharkhand
- Interior Design for Birsa Munda Airport, Ranchi
- Science College in the Campus of Ramgarh College at Ramgarh funded by the Science and Technology Department, Govt. of Jharkhand
- State Polytechnic Institute for Govt. of Jharkhand at Bhaga, Sindri Chaibasa Engineering College for Govt. of Jharkhand
- Proposed Patel Hostel at Ramgarh
- Appraisal Agency for Projects in JNNURM in Jharkhand - Govt. of Jharkhand
- Advisors to M/s Burchill VDM, Australia and M/s Vinayak Associates, Ranchi for Various City Development Plans (Towns of Chaibasa, Gumla)

CONSULTANCY PROJECTS - GLIMPSSES



CONSERVATION OF CULTURAL HERITAGE AT SUTIAMBE

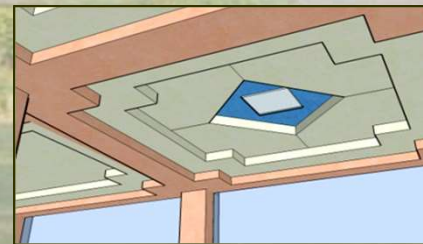
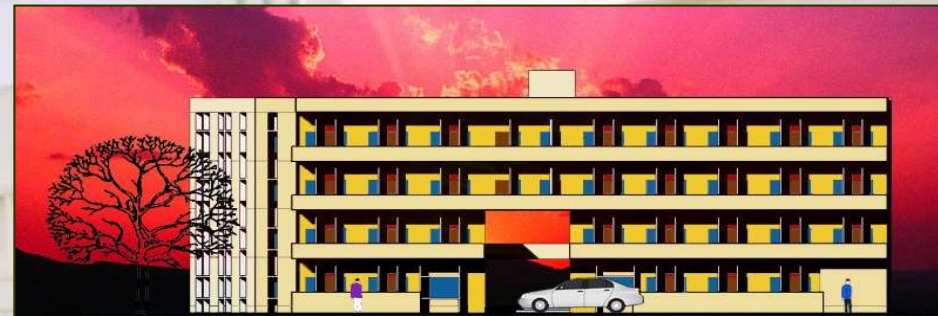
DISTRICTS OF JHARKHAND

HISTORICAL ASPECT:
 SUTIAMBEGARH IN THE DISTRICT OF RANCHI, KNOWN TO BE THE PLACE WHERE MAHARAJA MADRA MUNDA ESTABLISHED HIS CAPITAL. THIS REGION IS KNOWN AS THE PROMISED LAND FOR MUNDA TRIBE WHO WERE NOMADS TILL THE TIME THEY SETTLED IN THE AREAS AROUND SUTIAMBE.

HENCE IT IS KNOWN AS THE SYMBOL OF THE FIRST TRIBAL STATE WHERE HEADS OF MUNDA TRIBE ASSUMED THE TITLE OF MAHARAJA.

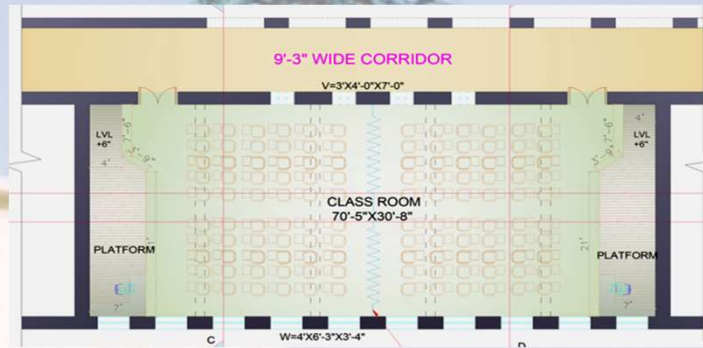
TODAY THE HILLOCK KNOWN AS SUTIAMBEGARH IS HELD IN VERY HIGH ESTEEM BY VISITORS AND THERE ARE MANY SPOTS ON THE HILLOCK WHICH ARE BELIEVED TO BE ASSOCIATED WITH THE LIFE AND TIMES OF MAHARAJA MADRA MUNDA.

ROLE OF ARCHITECTURE DEPARTMENT, B.I.T. MESRA IN PROMOTING TOURISM IN JHARKHAND



IN-HOUSE CONSULTANCY PROJECTS

- **New Gate Complex, BIT Mesra Campus**
- **Extension of Girl's Hostel (No. 8), BIT Mesra Campus**
- **Golden Jubilee Auditorium, BIT Mesra Campus,**
- **CAT, BIT Mesra Campus**
- **Lecture Hall, BIT Mesra Campus**
- **Smart Class Rooms, BIT Mesra**
- **BIT Extension Center, Lalpur, Ranchi**



ONGOING/ RECENTLY COMPLETED PROJECTS

Sr	Details/Title	Brief description	Funding agency	Year	Project value
1.	SEED Money project by the Institute	Projects awarded to faculty members by the Institute as start-up grants	Institute	2019	2,00 L
				2020	7,06 L
2.	Consultancy	Rehabilitation of Project Affected Families at ECLRajmahal Project, Godda Area at Taljhari Village, Godda, Jharkhand	ECL	2022	23,00 L
3.	MODROBS	Modernization and Removal of Obsolescence	AICTE	2021	8,00 L
4.	Gram Panchayat Spatial Development Plan	Spatial development plan for Neori and Kandra GP Jharkhand	Ministry of Panchayati Raj, Govt of India	2020	5,00 L
5.	Spatial Development Plan	Spatial Development Plan for 15 Clusters in Jharkhand under Shyama Prasad Mukjherjee Rurban Mission	Ministry of Rural Development, Govt. of India	2021	3.45 crore (Yet to receive funds)



Planning for Rehabilitation of PAFs from Taljhari Village to Dumaria Village



Sponsored by

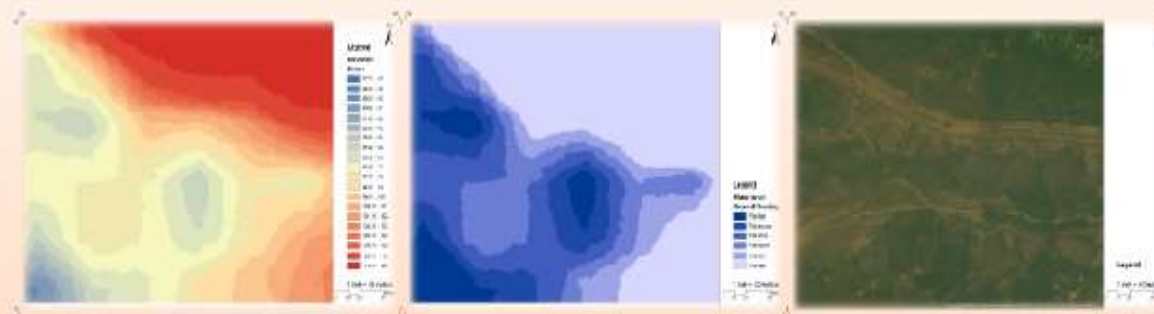
Eastern Coalfields Limited

Aim

to **plan a model village** that may be in line with the aspirations of the villagers

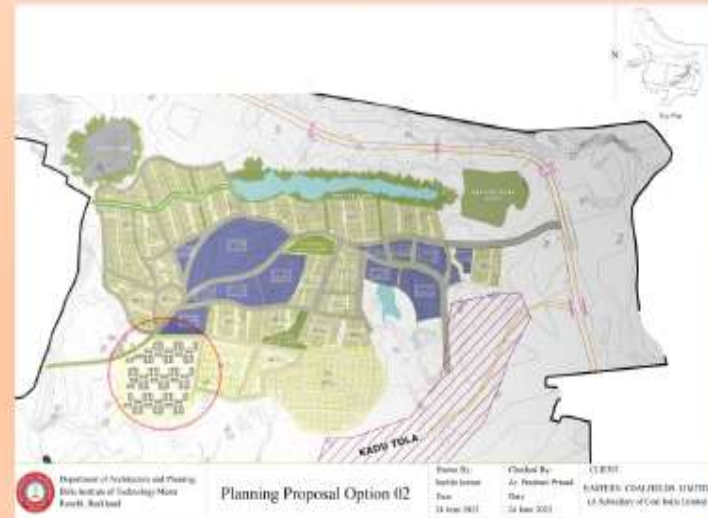
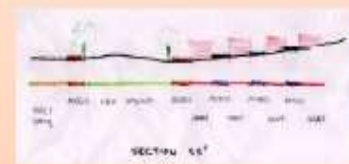
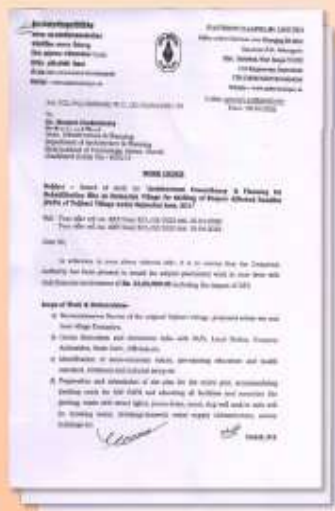
Project Team

1. Dr. Manjari Chakraborty (PI)
2. Dr. Rajan Chandra Sinha (Co-PI)
3. Ar. Prashant Prasad (Co-PI)
4. Ar. Abhinandan Bera (Co-PI)



Approach

1. Retain the cultural values of the PAFs
2. Enhance micro climate
3. Minimum disturbance to the natural contours
4. Alignment with natural drain
5. Maximize vegetation and greenery
6. Improve the quality of village life



Project Details

1. Date of award : 25th April 2022
2. Duration: 90 days
3. Value: INR 23,60,000/-



Department of Architecture and Planning Birla Institute of Technology Mesra Fourth, Ranchi	Planning Proposal Option 02	Drawn By: Sudhakar Date: 13 June 2022	Checked By: Ar. Prashant Prasad Date: 24 June 2022	CLIENT: EASTERN COALFIELDS LIMITED (A Subsidiary of Coal India Limited)
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GRAM PANCHAYAT SPATIAL DEVELOPMENT PLAN, NEORI

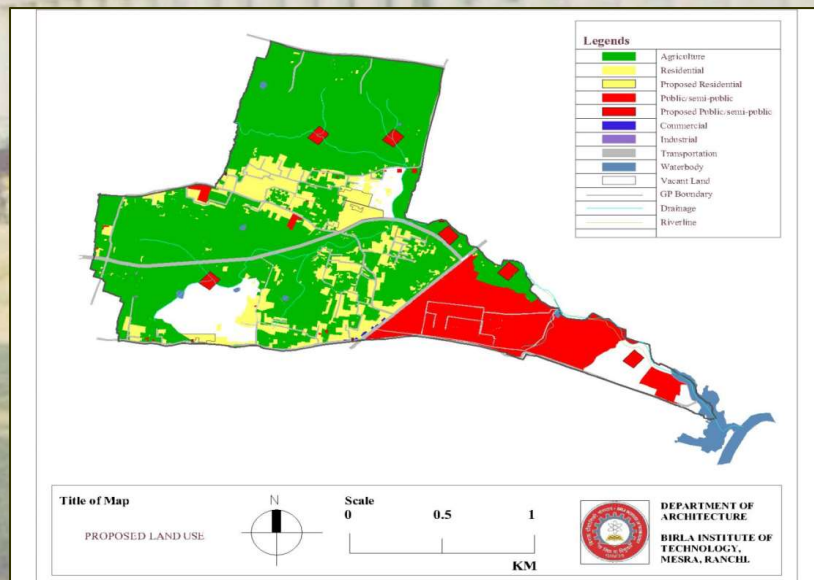
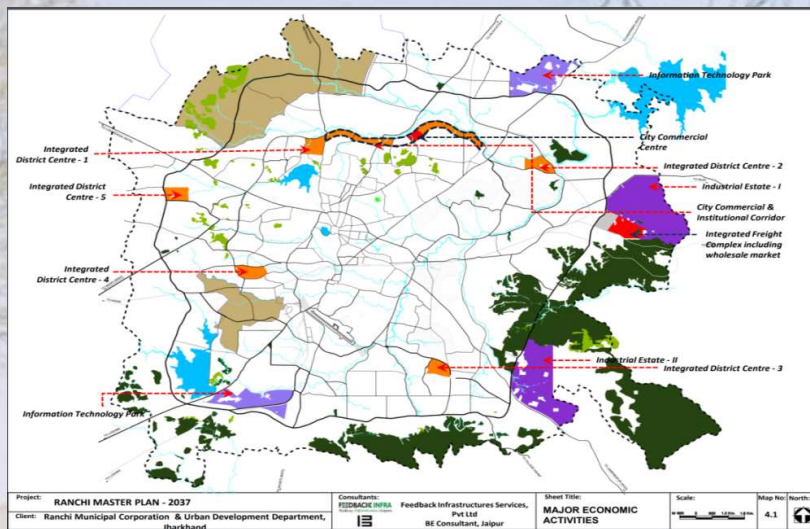
Sponsored by

Ministry of Panchayati Raj, Government of India



Mission :

“To build and sustain a Panchayat of having vibrant economy and diversity through strong partnership with stakeholders to provide better Quality of Life.”



सुनील कुमार, आई.ए.एस.
SUNIL KUMAR, IAS



सचिव
 भारत सरकार
 पंचायती राज मंत्रालय
SECRETARY
GOVERNMENT OF INDIA
MINISTRY OF PANCHAYATI RAJ
 Dated: 23rd June, 2020

D.O. No: M-11015/166/2020-PESA

Dear *Dr. Sarkar,*

The interdependency of villages, cities, industrial townships, urban centers call for spatial planning of villages for services and infrastructure. The unplanned development in Rural, Peri-urban areas and that in the vicinity of National & State highways, besides being inefficient in the use of resources, also has adverse social, environmental and health hazards.

2. The urban areas already have a system in place in terms of Master Plan for large cities / towns. However, at present there is no such perspective spatial planning process for rural areas.

3. I am happy to note that your esteemed institution has responded enthusiastically and agreed to collaborate with this Ministry in preparation of Gram Panchayat Spatial Development Plan. Gram Panchayats for the pilot are to be selected through mutual consultation with the respective Institutes and the Panchayati Raj Department of the State Government, wherein priority is to be accorded to Panchayats located on or in the vicinity of the National or State Highways, having high potential for rapid economic development. This task must be completed by 30th June, 2020 at the latest. Further details are in the enclosed Concept Note on the Need for Spatial Planning in Rural Areas. Altogether, Master Plans for 32 GPs spread across 13 States will be prepared in the next four months. The Final Reports are to be made available to the Ministry latest by October 2020.

4. Keeping in view the strict time lines for completion of the exercise, a Video Conference (VC) meeting has been scheduled on 01st July, 2020 wherein consultation with all stakeholders will be held. The details of the VC may be seen in annexure. This will provide all of us an opportunity to discuss and understand the nuances and the modalities involved with the roll out of this project. It is important that all of us are on the same page since this project could lay the foundation for new 'drivers' of economic growth and social change in the country.

5. I look forward to your active participation in taking this unique initiative to its intended goals and objectives. I believe that this exercise will be a very good learning experience for all stakeholders.

With best wishes,

Yours sincerely,

Sv.
 23.6.20
 (Sunil Kumar)

Encl: As Above

Dr. Satyaki Sarkar,
 Head,
 Department of Architecture,
 BIT, Mesra,
 Ranchi





GRAM PANCHAYAT SPATIAL DEVELOPMENT PLAN, KANDRA

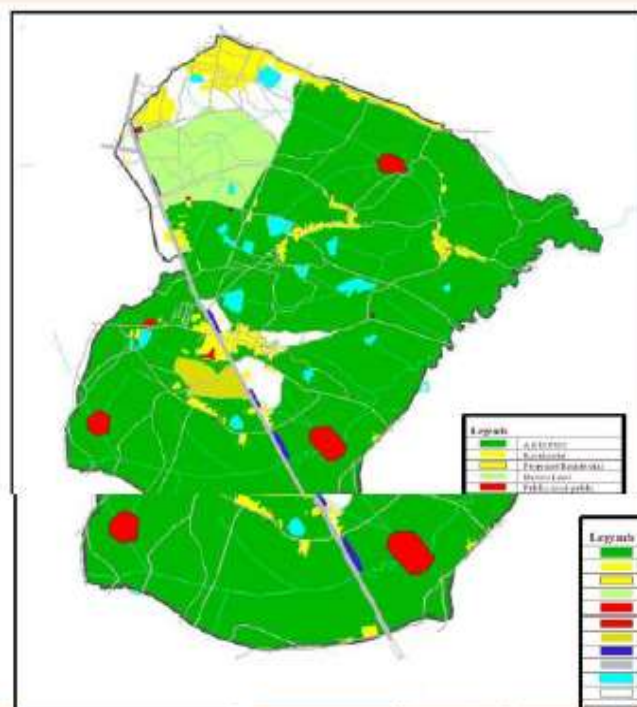
Sponsored by

Ministry of Panchayati Raj, Government of India



OBJECTIVES

- Laying down broad policies and directions for growth
- Determining the hierarchy of roads and access ways.
- Establishing the zoning of land use.
- Determining the standards for common facilities;
- Identifying & planning for the infrastructure requirements of the GP
- Developing a mechanism for sustainable developments.
- Identifying the requirement of investments, finance mobilization and economic revitalization of the area.



Contents of Gram Panchayat Spatial Development Plan



ACHIEVEMENTS

Planned growth of all the villages under Kandra GP in an integrated approach:

Creation of more efficient and productive rural areas through the growth and development of agriculture:

Reducing existing disparities in infrastructure and facilities:

Improving the overall quality of the rural environment through best practices:

Addressing the issue of employment through creation of opportunities:'.





MODROB - Sanction Letter

F.No.9-15/ RIFD/MOD/Policy-1/2018-19

To,
The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi- 110070.

Sub: Release of a sum of **Rs. 6,40,000/- (Rupees Six Lakh Forty Thousand Only)** being the Grant-in-Aid under the scheme Modernization and Removal of Obsolescence (MODROB) for the year 2018-19 payable during the current financial year 2021-22- reg.

Sir,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of **Rs. 800000/- (Rupees Eight Lakh Only)** as Grant-in-Aid under the **Modernization and Removal of Obsolescence (MODROB)** scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, BIRLA INSTITUTE OF TECHNOLOGY , Mesra Ranchi - 835215 Jharkhand		
2.	Title of Project:	UPGRADATION AND MODERNISATION OF URBAN PLANNING LAB TO 3-D CITY MODELLING LAB ON GIS PLATFORM		
3.	Name of Coordinator:	Dr. SATYAKI SARKAR		
4.	Duration of the project:	2 Years		
4.	Total Grant-in-aid Sanctioned:	Total: Rs.800000/-	Non- Recurring (85%): Rs.680000/-	Recurring (15%): Rs.120000/-
5.	Amount to be released during the year 2019-20:	1st Installment Rs.640000/-	Non- Recurring (85%): Rs.544000/-	Recurring (15%): Rs.96000/-
6.	Sanctioned grant-in-aid is debitible to:	Major Head 601.18(a) Gen. (Plan Head)		

1. The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
2. This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

THE INSTRUCTIONS/GUIDELINES TO BE FOLLOWED BY UNIVERSITY/INSTITUTION

1. Release of funds:

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Krishni Bhawan, New Delhi
 Date: 5th October 2021

**Concept Note on
 Spatial Planning for Rurban Clusters
 Key Instrument for Regional Growth,
 Development & Effective Local Governance**

Shyama Prasad Mukherji Rurban Mission

Government of India
 Ministry of Rural Development
 Department of Rural Development
 Rurban division

Subject: Empanelment of Mentor Institutes/State Technical Support Agencies (STSAs)

State Technical Support Agencies or the Mentor Institutes are the institutions of repute, to be empanelled by the Ministry of Rural Development on the recommendation of the respective States/UTs to support Shyama Prasad Mukherji Rurban Mission in selection of clusters, preparation of ICAPs and, most importantly, the preparation of spatial plans for the clusters and to hand hold the States/UTs in these processes etc.

Spatial planning is an important feature under the Shyama Prasad Mukherjee Rurban Mission which integrates the spatial dimensions of conventionally carried out sectoral plan, through land-based strategies and regulations. Planning norms and regulations are well laid down in urban areas but remain largely absent for the rural areas. Ministry of Rural Development, in collaboration with Ministry of Panchayati Raj (MoPR) and Bhaskaracharya Institute for Space Application and Geo-informatics (BISAG-N) - under Ministry of Electronics and Information Technology, has been making concerted efforts to put up a decision making national digital platform(National Shyama Prasad Mukherjee Spatial Planning Platform) to facilitate Geo-spatial planning for development of rural space, particularly, well planned Rurban Clusters/Gram Panchayats.

2. As far as the primary responsibility of the Mentors Institutes/STSAs is concerned, the institute of repute, nominated by the States/UTs and empanelled by the Ministry, are to help in preparation of Spatial Plans using the Spatial Planning Platform developed by BISAG - N under an MoU signed by MoRD, MoPR and BISAG-N.

3. In order to provide support for preparation of the spatial planning, States/UTs were asked to nominate mentor institutes. Presently 30 State/UTs have nominated their Mentor Institution. As per State/ UT nomination, institutions of repute like IITs/ School of Planning and Architecture, NITs as well as relevant government centres/departments etc. are hereby

empanelled as mentor institutes as per list enclosed.

4. An inter-ministerial Spatial Planning Expert Committee (SPEC) has also been formed to guide States / UTs to effectively lead their Spatial Planning efforts as well as to further strengthen the comprehensive spatial planning framework and portal for India's rural areas. National Spatial Planning Manual - a handbook will be shared with all the stakeholders of the Mission shortly to act as a self-sufficient guide for spatial planning using Geo-spatial digital interface. Mentor Institutes/STSAs are expected to be lending technical support under an MoU to be signed by the Institute with the respective State Government and 'Rurban Cell' of NIRD&PR under a tripartite agreement. All the three partners will be working in integrated manner over a digital platform namely Syama Prasad Mookherjee Rurban Learning Management Platform to be maintained by BISAG-N. This Learning Management Platform will include components like national and international research, capacity development, and innovations in the field of sustainable cluster approach and holistic rurban growth.

5. Concept note for preparation of Spatial Plan detailing out terms of reference and roles and responsibility is enclosed along with this letter for ready reference. States/ UTs and Mentor Institutes/STSAs are requested to share the names of nodal persons who will be responsible for carrying out the spatial planning and all other activities as indicated in Para-1 of this letter to nivedita.prasad@gov.in and monika.18@gov.in.

6. This issues with the approval of the Joint Secretary (Rurban)

Monika

(Monika)

Assistant Director (Rurban)

Tel: 011 - 24657247

Enclosure: As Above

- To,
 1. All Additional Chief Secretaries/ Principal Secretaries/Secretaries
 2. Director/Head of empanelled Mentor Institutes/STSAs.

- Copy to
 1. DG, NIRDPR
 2. Joint Secretary, MoPR
 3. Sh. T.P. Singh, Director General, BISAG - N
 4. SNOs of State/UTs

- 9.1.3. The preparation of the spatial plan is like a vision and path forward for the Clusters next 5 years. It requires documentation and authorship by experienced planning and rural development professionals.
 9.1.4. Post preparation and approval of the Spatial plans, there is also requirement of ensuring the enforcement and utilization of the plans. This needs support to the local bodies.
 9.2. Various Geospatial Imagery and data is being facilitated by BISAG (N) through the Spatial Planning portal. This portal and associated data will be maintained by BISAG (N) for a period of eight years. Post which, it will be transferred to NIC in Ministry of Rural Development for archival purposes.
 9.3. The capacity building aspect is being facilitated through the Knowledge Platform being setup at the Centre for Transforming Rurban Areas, NIRD&PR in collaboration with various stakeholders. Two years of intensive handholding and capacity building will be undertaken through both offline and online interfaces.
 9.4. The States/UTs have been supported through the Mission's Administrative Budget to facilitate the spatial planning activities
 9.5. Fund requirement towards support to Mentor Institutions - Funding requirement has been estimated. Cost heads included are detailed below -
 9.5.1. For plan formulation, cost elements of manpower and man-months have been considered. The manpower rates have been taken from the conditions stated in the Engagement of Professional Services and Scale of Professional Fees and Charges (effective from 28th April 2019) published by Institute of Town Planners. It includes professional fee rates of experts required for preparation of such plans. (Refer Table 4). This is Rs. 5,833 / person/day for specialists and Rs. 4,166 / person-day for support specialists.

Table 1 - Budget towards support to Mentor Institution

Person	No. persons days	Total person days	Total Amt. in Rs.	Amt. rounded in Lakh
2 Specialists - 1. Regional Planning & 2. Rural Development Per person/day per person cost - Rs. 5,833	45 each	90	524970	5.25
4 Support Specialists - 1. Regional Planning / Infrastructure	45 each	180	749880	7.50

**Government of Jharkhand
 Rural Development Department**

Letter No. : 17/ (SPMRM-NRuM)-2017/Part-II/ 3315 / RDD, Ranchi, Date: 28.09.2020

From, Ravi Ranjan, I.F.S. Special Secretary to Government
 To, Dr. Satyaki Sarkar, Dept. of Architecture BIT Mesra, Ranchi.
 Subject - Regarding Nomination of BIT Mesra as a mentor Institute for Spatial Development Plan for 15 clusters under Shyama Prasad Mukherji Rurban Mission (SPMRM) in Jharkhand.

Sir,
 With reference to above captioned subject, I am directed to say that, as per SPMRM guideline for Rurban mission, GIS based spatial plans need to be prepared for all 15 clusters on the scale of 1:4000.

As per 7th SLEC meeting approval and Ministry of Rural Development reference letter D.O. J-11013/03/2019-Rurban, dated 9th September, 2020, Department of Architecture, BIT Mesra, Ranchi is being nominated as a mentor Institute for Spatial area planning for Rurban mission.

Request you to kindly revert back with your acceptance so that further process for preparation of Spatial Planning can be initiated.

Kindly do the needful.

Yours Sincerely

Ravi Ranjan
 (Ravi Ranjan)
 Special Secretary to Govt.

Memo No.: 17/ (SPMRM-NRuM)-2017/Part-II/ 3315 / RDD, Ranchi, Date: 28.09.2020
 Copy to: Joint secretary, Rural Development Department, Government of India for kind information.

Satyaki Sarkar
 Special Secretary to Govt.

Memo No.: 17/ (SPMRM-NRuM)-2017/Part-II/ 3315 / RDD, Ranchi, Date: 28.09.2020
 Copy to: PS to Secretary, Rural Development Department, Government of Jharkhand for kind information.

Satyaki Sarkar
 Special Secretary to Govt.

1. Shri Alok Prem Nagar, Joint Secretary, MoPR, New Delhi
 2. Shri T.P.Singh, Director - General, BISAG - N, Gandhinagar

3. Shri Vinay Thakur, Chief Operating Officer, National e-Governance Division, Ministry of Electronics and Information Technology

Sr. No. (a)	State/UTs (b)	Mentor Institution (c)	Contact Person & Designation (d)	Address (e)	Contact No. & Email (f)
4.		Shri R. Ramesh, Associate Professor			
5.		State/UT Nodal Officers of all States			
6.		Shri. Ashok Kumar, School of Planning			
7.		Shri. Partha Mukhopadhyay, Sen Delhi			
8.		Prof. B. Shankar, Director and I Planning & Architecture Institute Karnataka			
9.	Haryana	1. Deenbandhu Chhotu Ram University of Science and Technology	Ar. Devang Parekh, Dean & Director	Indubhai Parekh School of Architecture and Planning V V P Engineering college campus Kalwa Road. Opp. The Village Motel Vardajdi, Rajkot, Gujarat 360005	9510437520; info@apsrajkot.org ipsarajkot@gmail.com
10.	Himachal Pradesh	1. Guru Ram Dass School of Planning Guru Nanak Dev University	Dr. Ashwani Luthra, Dean, Faculty of Physical Planning & Architecture, Professor, Deptt. of Guru Ramdas School of Planning, GNDU, Amritsar	Deenbandhu Chhotu Ram University of Science and Technology, 50th K.M. Stone, N.H. 1, Murthal, Haryana 131039	8146557234; ashwaniluthra1@gmail.com
11.	Jammu and Kashmir	1. Guru Ram Dass School of Planning Guru Nanak Dev University	Dr. Ashwani Luthra, Dean, Faculty of Physical Planning & Architecture, Professor, Deptt. of Guru Ramdas School of Planning, GNDU, Amritsar	Guru Ram Dass School of Planning Guru Nanak Dev University, Grand Trunk Road, Off. NH1, Amritsar, Punjab 143005	8146557234; ashwaniluthra1@gmail.com
12.	Jharkhand	1. Birla Institute of Technology	Dr. Satyaki Sarkar, Head, Architecture Department	Birla Institute of Technology, Mesra, Ranchi, Jharkhand 835215	9431597302; hod_arch@bitmesra.ac.in; satyakisarkar@bitmesra.ac.in

14. Shri R. Srivasthvan, Principal, Gujarat Institute of Technology University, Ahmedabad, Gujarat

15. Dr. Abir Bandyopadhyay, Professor, Department of Architecture, National Institute of Technology - Raipur, Raipur, Chhattisgarh

16. Prof. (Dr.) Manoj Kumar, Professor, National Institute of Technology, Patna, Bihar

17. Dr. Satyaki Sarkar, Head, Architecture Department, Birla Institute of Technology - Mesra, Ranchi, Jharkhand

18. Dr. Shalaja Nair, Associate Professor, Department of Architecture, College of Engineering Trivandrum, Thiruvananthapuram, Kerala

19. Dr. S. R. Masalamani, HoD (Planning), Department of Planning, School of Architecture & Planning, Anna University, Chennai, Tamil Nadu



Thank you