

Brick Group of Institutes has entered in its fifth academic year in Year 2017-18. Lesson plan presentation in the beginning of the academic year is a part of culture in the institute. Faculty at Brick had organized a lesson plan presentation on May 29th and 30th, 2017. May 29th was the scheduled day for Second and third year and on May 30th the fourth year subjects were discussed in this regard. The core and visiting faculty were present for these days and had actively participated in the event.

Objectives

This year the lesson plan presentation had been done with following objectives:

- ✓ Observing the learning from the previous term's teaching and bringing in the modified approach to improvise the teaching.
- ✓ Understanding and interpreting the syllabus for better functioning of Design, Thinking and Construction lab in Brick School of Architecture.
- ✓ Working out the best weekly schedule to cover the entire syllabus as mentioned by University of Pune.
- ✓ Design of explorations in a simpler and methodical manner for systematic assessment of students.
- ✓ Making an inventory of the required resources for teaching.
- ✓ Making an inventory of the guest lectures for teaching.

Common points discussed

- ✓ The faculty had organized the weekly schedule to be completed in 13-14 weeks.
- ✓ All the faculty had listed down the required guest lectures, books and resources.
- ✓ The exploration planner was worked out for all the subjects with well defined desired output.
- ✓ The second and third year faculty shall take theory exams for BMT, TOS and BS internally between sixth to eighth week and preserve the answer sheets and results for record. The mark sheet will have to sent to university in the eighth week of the semester, i.e., between July 24th-28th, 2017. This exam will carry 30% weightage of the semester.
- ✓ The lesson plan will be reviewed at the end of eighth week by Hemant Joshi and Shraddha Manjrekar.
- ✓ Parameters for market survey have to be well defined, so that students have clarity in understanding the materials and products
- ✓ If Saturdays are required, these are to be booked with coordination with other faculty and admin.
- ✓ Lesson plan shall be reviewed at the end of the term too.



Second Year Lesson Plan Presentation

Venue	Nari Class
Date	Monday, May 29th , 2017
Time	9:00-13:00 hrs
Coordinated by	Shraddha Mahore Manjrekar
Jury	Poorva Keskar (School Principal), Girish Doshi (Design Chair)
Present	Shraddha Manjrekar, Rajwardhan Jadhav, Nupoor Rugvedi, Neha Gosavi, Manali Deshmukh, Vaidehi Khadke, Anurakti Yadav, Aditi Agarwal, Jayanti Galgali, Abhang Kamble, Hemant Joshi, Ketaki Gujar, Prajakta Chakravarty, Minu Joshi, Manali Deshmukh, Girija Indulkar, Divya M, Aditya Mandgaokar, Rajdatta Dewang, Hutoxi Sethna, Aniruddha Pawar

Brief Report

- ✓ Presentation started with BMT, Jayaalaxmie Deshmukh and Rajdatt had presented it. Second presentation was done by Hutoxi Sethna, Sharduli Joshi and Divya M. Third presentation was done by Vaidehi for Building services I, History of Architecture presentation was done by Minu Joshi, Surveying and Levelling presentation was done by Jayaalaxmie and Shraddha and AD presentation was done by Prajakta, Aditya, Rajwardhan and Divya.
- ✓ The lesson plans were received for all the subjects of second year and all the faculty except TOS were presentation were present.

Following are the main points came out of the discussions and comments given by Jury.

BMT

- ✓ A number of site visits have been planned for teaching. Faculty need to work out logistics' plan for fulfilling the intent of the visits.
- ✓ The teaching need to be exam oriented too.
- ✓ Faculty shall encourage book based study in BMT.

ADG

- ✓ For sciography faculty may use practical methods for teaching. This may include seeing and photographing same place in campus at various times in a day, animations of sketch-up and ecotect, etc.
- ✓ Maximum work shall be got done in the same studio period.

Building Services I

- ✓ Faculty shall invite the manufacturers to demonstrate the fixtures required in plumbing and sanitation.
- ✓ The companies like Jaquar arrange live demonstration of the systems, students shall get exposure to learn out of such demonstrations. Faculty shall arrange for the same.

- ✓ Girish sir has ongoing projects near school where students may see eight different kind and stages of toilet construction. He suggested visiting these sites.
- ✓ Services shall be taught in a way that the adequate knowledge is transferred for working drawings and quantity estimation. Students shall be able to convert their services designs in Good for Construction Drawings.

TOS III

- ✓ Weekly plan shall be compressed in a way that the course is completed in 13-14 weeks. This is the only available time. The subject teacher may talk with the subject chairperson for understanding of the importance and limits of detailed teaching.

History of Architecture

- ✓ Subject context shall be conveyed well to the students so that they are made aware about importance and implication of the subject for architecture profession and learning of other subjects in the course of B.Arch.
- ✓ Faculty is going to give different approach to the subject with research oriented studies. Example, light in architecture in religious buildings or structural systems in Gothic architecture. For encouragement of such attitude in the students, faculty shall take the work of students in essay/ article form so that the selected essays will be published in school's newsletter.
- ✓ Poorva suggested to prepare a reader for this syllabus.

Surveying and Levelling

- ✓ Faculty shall check the surveying levelling instruments well in advance and complete the repair work if required.

AD III

- ✓ The brief of esuisse project shall be shared with the students at least a day in advance.
- ✓ Esquisse project shall be based on Basic design exercises, as Basic design is no longer a part of curriculum
- ✓ For short project take tangible aspects as inspiration and the brief to be slightly more crisp and less open ended to get the better.
- ✓ The suggested books/readers - 1. Book on Deviations 2. Exercises in Design 3. Islamic geometry 4. Hindu Temple Geometry (4 volumes)



Third Year Lesson Plan Presentation

Venue	Nari Class
Date	Monday, May 29th , 2017
Time	14:00-15:00 hrs
Coordinated by	Shraddha Mahore Manjrekar
Jury	Poorva Keskar (School Principal), Girish Doshi (Design Chair)
Present	Shraddha Manjrekar, Nupoor Rugvedi, Neha Gosavi, Manali Deshmukh, , Anurakti Yadav, Aditi Agarwal, Jayanti Galgali, Abhang Kamble, Hemant Joshi, Ketaki Gujar, Prajakta Chakravarty, Minu Joshi, Manali Deshmukh, Girija Indulkar, Divya M, Anubha Joshi, Suraj Bhunje, Aniruddha Pawar

Brief Report

The presentation started with Landscape architecture and environmental sciences, by Neha Ghugari and Prajakta Chakrawarty. Theory of structures was presented by Hemant Joshi, Building Materials and Technologies was presented by Jayanti. Working drawing was presented by Abhang Kamble and Aniruddha Pawar. Building Services II was presented by Suraj Bhunje. Architectural design was presented by Abhang Kamble, Suraj Bhunje and Anubha Joshi. Contemporaneity Architecture seminar was not presented.

The presentations were well defined and in line with the given guidelines for this presentation.

Fourth Year Lesson Plan Presentation

Venue	Nari Class
Date	Tuesday, May 30th , 2017
Time	09:00-13:00 hrs
Coordinated by	Shraddha Mahore Manjrekar
Internal Jury	Poorva Keskar (School Principal), Girish Doshi (Design Chair)
External Jury	Ar. Rajiv Raje
Present	Shraddha Manjrekar, Nupoor Rugvedi, Neha Gosavi, Manali Deshmukh, , Anurakti Shrivastava, Aditi Agarwal, Jayanti Galgali, Abhang Kamble, Hemant Joshi, Ketaki Gujar, Prajakta Chakravarty, Minu Joshi, Manali Deshmukh, Girija Indulkar, Divya M, Vaidehi Khadke, Rajwardhan Jadhav, Ajay Vaidya

Introduction about external jury

Ar. Rajiv Raje is an academician, town planner and practicing architect working in the area of architecture and architecture education since year 1980. He is a product of BKPS Abhinav kala Vidhyalaya (1975), Pune and post graduate in Town Planning from College of Engineering, Pune (1979). He has done Diploma in Housing Laws in 1995 from ILS Law college Pune.

He has been a very important part of CSA Architects Pune during 1981-2011. He has worked with town planning department of Government of Maharashtra. Through his practice he has achieved special expertise in Industrial architecture, Tenders and Contract Management and DC rules.

He has more than 25 years of experience in academics and association with BKPS, BNCA, PVP and Aayojan School of Architecture. He has been thesis guide for a number of students of architecture. He has been examiner too for a number of exams conducted in B.Arch. And M.Arch. In Pune University.

Chief Minister, Government of Maharashtra had appointed him in the experts committee for review and revision of Maharashtra regional and town planning act.

He has membership and affiliation with a number of government and non-government organizations in India.

Brief Report

Jayanti Galgali along-with Hemant Joshi had started the presentation with specification writing. Khushroo Sethna had presented Professional Practice. Ar. Girish Bhahme, Rohit Poddar, Ajay Vaidya, Minu Joshi and Girija Indulkar had presented Housing Design. Shraddha Manjrekar presented Town Planning. Anurakti Shrivastav, along-with Shraddha had presented Quantity Surveying and Estimation. Manali Deshmukh, Anurakti Shrivastava, Aniruddha Pawar and Khushroo Sethna had presented Advanced Building Materials and Technologies. Rajwardhan Jadhav had presented Dissertation.

Following specific points have come out of the discussion.

Specification writing

- ✓ Market exposure shall be given to the students by organizing company presentation in the school.
- ✓ Guest lectures from the practitioners who specifically work in the area of valuation or specification writing shall be arranged
- ✓ Live example of the project specification and its implementation on site have to be shared with the students.
- ✓ Parameters of assessment shall be defined well. The suggested parameters are right translation of design in specific language and technical English.
- ✓ Specifications shall be introduced to the student right from the first year.

Professional Practice

- ✓ Detailed weekly schedule shall be worked out to cover the syllabus in 13 weeks' time.

Housing Design

- ✓ Theoretical underpinning of the subject shall be done by giving input on historical development of housing, and various types of housing and broadening the present narrow approach of understanding housing.
- ✓ A lecture shall be done on "how DCR affect the housing design". This fact can be understood by the fact that in a period all the developers have started building the buildings with double height terraces. Such similar examples shall be discussed with the students.
- ✓ Rajiv sir suggested to talk often in terms of building economics and design efficiency. He suggested faculty to communicate with the students, and approve their designs not only on plans but also on sections, so that thinking on third dimension is made clear right at the beginning level.

Town Planning

- ✓ Common explorations for housing case study can be given to this batch for town planning and housing design.
- ✓ The town planning schemes designed by Bhimal Patel shall be discussed as these are the recent examples to be shared and discussed with the students.
- ✓ Ajay Vaidya can be called as a guest speaker for Sub-division of plots.
- ✓ Rajiv Sir suggested to refer to the book " Residential District" by Jörg C. Kirschenmann, Christian Muschalek for this subject

Advanced Building Materials and Technologies

- ✓ Model making exercise for understanding various kinds of roofing was appreciated by jury and doing live case studies in the stadiums for this was recommended.

Dissertation

- ✓ Referencing styles shall be taught well.
- ✓ Topic of dissertation shall be finalized before end of the present term.

Recommended Books

Following books are required for teaching in this term, and are to be purchased by Brick Library.

1. Building Drawings- M.G. Shah, C. M. Kale, S.Y. Patki
2. Death and life of great American City- Jane Jacob
3. Life between Building- Jan Gehl
4. Tropical Gardens- Hidden Exotic Paradises- Braun
5. Campus Planning Principles- Achyt Kanvinde
6. Practical Building Construction and Management- Sandeep Mantri
7. Simonds, J .O, Landscape Architecture: The Shaping of Man's Natural Environment, N Y: McGraw Hill Book Co.Inc. 1961.
8. Lynch, K, Site Planning, Cambridge: The MIT Press, 1962
9. Dee, C, Form And Fabric In Landscape Architecture: A Visual Introduction, UK:Spon Press, 2001.
10. Eckbo, G, Urban Landscape Design, N Y: McGraw hill co. 1961
11. Rutledge, A J. A Visual Approach to Park Design. New York: John Wiley and Sons, 1985
12. Randhawa, M S, Flowering Trees, New Delhi: National Book Trust, 1998
13. Mukherjee, P, Trees of India (WWF Natures Guide), Oxford, 2008
14. Sahni, K C, The Book of Indian Trees (Bombay Natural History Society), Oxford,
15. Krishna, N and Amrithalingam, M, Sacred Plants of India, Penguin Books Limited, 2014
16. Motloch, J. L, Introduction to Landscape Design, US: John Wiley and Sons, 2001
17. Grosholz, E, The Poetics of Landscape Architecture, University of Pennsylvania Press, 2010
18. Space Structures: Principles and Practice by Subramanian Narayanan published June 2007.
19. Analysis, Design and Construction of Braced Barrel Vaults by z.s.makowski.
20. Analysis, design and construction of steel space frames by Du Shougun, Sun Jianheng, Xia Hengxi
21. Space Structures 4, Volume 1 by G. A. R. Parke, C. M. Howard, Thomas Telford, 1993
22. Analysis of Braced Domes by B.S. Benjamin
23. Building Design and Construction Handbook, Sixth Edition, by: Frederick S. Merritt, Jonathan T. Ricketts
24. Stadium Buildings: Construction and Design Manual Book by Martin Wimmer
25. Handbook of Swimming Pool Construction, Maintenance, and Sanitation by Frank L. Cross Jr.
26. Residential districts- Jörg C. Kirschenmann, Christian Muschalek
27. Book on Deviations
28. Exercises in Design
29. Islamic geometry
30. Hindu Temple Geometry (4 volumes)
31. Robert Sommer. -Design Awareness
32. Christopher Alexander- Pattern Language

Guests speakers to be invited (for all three years)

1. External Jury on Sports stadium- first week of August -for fourth year ABTS-
2. Workshop by Girish Brahme- June fourth week -for Housing Design
3. Manufacturers presentation for Specification writing
4. Ajay Vaidya for Subdivision of plots - August first week -forTown Planning
5. Sustainability and water resources and sanitation- July Second week- for second year Building Services
6. Mr. Tushar Sapore and Mr. Godbole in second week of July- for third year AD
7. Meghan Manjekar for Painting- in first week of July- for BMT third year

First Year Lesson Plan Presentation

Venue	Nari Class
Date	Tuesday, July 11th , 2017
Time	11:30-17:00 hrs
Coordinated by	Shraddha Mahore Manjrekar
Internal Jury	Poorva Keskar (School Principal), Girish Doshi (Design Chair)
Present	Shraddha Manjrekar, Nupoor Rugvedi, Neha Gosavi, Manali Deshmukh, , Aditi Agarwal, Sujata Mehta, Hemant Joshi, Ketaki Gujar, Minu Joshi, Divya M, Vaidehi Khadke, Sharduli Joshi, Aniruddha Pawar, Vaibhavi Agarwal, Sarita Bajaj, Ninada Kashyap, Karan Rane, Mayukh Gosavi, Poorva Keskar, Manali Deshmukh

Brief Report

Lesson plan presentation started with subject of "Building Materials and Technologies" presented by Aditi and Ketaki. AD presentation was done by Vaibhavi Agarwal, Karan Rane, Ketaki Gujar and Ninada Kashyap, Humanities' lesson plan was presented by Ketaki and Ruchi, Theory of structures was presented by Sujata Mehta. Introduction to architecture was presented by Aditi Agarwal and ADG was presented by Vaidehi, Neha, Sarita Bajaj and Mayukh.

Important points

The important points that had come out with these presentation are:

Building Materials and technologies

- ✓ Teaching and explorations for BMT shall be in the line with the discussions that had happened during Construction Lab pedagogy happened in the school in the month of May 2017.
- ✓ Faculty shall take note of the lessons learnt from previous years' teaching and identify the areas of improvement.
- ✓ There shall be focus on exam oriented studies too.
- ✓ There was mention of common exercise between workshop and BMT. This was about making POP (Plaster of Paris) bricks in workshop and making bonds with the same bricks in BMT. It was suggested to construct model walls with these bricks, in the form of enclosure and preserve the walls so that in the next years the same group of students can make roofs with various materials over these walls.

Architectural design

- ✓ The design exploration of subtractive forms in cube shall be clubbed with workshop.

Humanities

- ✓ It was suggested to encourage the students for writing. The faculty have designed an exploration on experience of the ancestral home and drawing

understanding of life of people with architecture. This exploration shall be put in the form of competition and the winners' work shall be given as an entry to School's publication called "Brick by Brick".

Architectural drawings and graphics

- ✓ The design exploration of subtractive forms in cube shall be clubbed with workshop.