Accredited 'B' by NAAC
Accredited 'B' by KCG

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Ballubhai Krishnlal Majmudar Science College
(Managed by Shri Nootan Kelavani Mandal)
Dr. Monghabhai Desai Vidyasankul, Shri Morarji Desai Nagar
P. B. No. 89, Tithal Road, Valsad - 396001 Gujarat (India).
Tele Fax (02632) 243049   e-mail : bkmscience@yahoo.com

બલ્લુભાઈ ક્રિષ્નલાલ મજમુદાર સાયન્સ કોલેજ
ડૉ. મોંધાભાઇ દેસાઇ વિધાસંકુલ, શ્રી મોરારજી દેસાઇ નગર,
પો. બોક્ષ નં. ૮૯, તીથલ રોડ, વલસાડ – ૩૬૬૦૦૧ ગુજરાત (ભારત)

COLLEGE
CODE - 34

ESTD : 1957

Ref. No. : ક્રિન/૭૯૨/૨૨-૨૩ Date : 30/13/2023

To,
A U.Patel
Adviser,
K.C.G(RUSA)
Ahemdabad

Subject: - Submission of Institute Development Grant Plan (IDP)
Ref: - 1) Your letter no SNO/RUSA/IDP/2023/2552 dated: 07/01/2023
         2) Your letter no SNO/RUSA/IDP/2023/2085 dated: 31/01/2023

Respected Sir,

With reference to the above mentioned subject & letter I am herewith submitted the Institute Development Plan (IDP) grant for our College. The plan outlines our vision and mission for the upcoming years and provides a comprehensive roadmap for achieving goals for better implementation of NEP -2020.
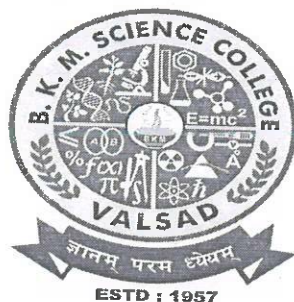
Thanking You

Yours Faithfully

Principal,
B.K.M. Science College,
Valsad, Gujarat, India.

INSTITUTIONAL DEVELOPMENT PLAN (IDP)
UNDER NEP 2020

Ballubhai Krishnlal Majmudar Science College

Dr Monghabhai Desai Vidhyasankul, Shri Morarji Desai Nagar,
P.B No 89, Tithal Road Valsad - 396001

DEPARTMENT OF HIGHER EDUCATION GOVERNMENT OF GUJARAT

Contents

Vision and Mission

Describe the institution's vision for its future – the institution's expectations for its future self, embodying where the institution wants to be.

VISION

The Ballubhai Krishnlal Majmudar Science College in Valsad was founded in 1957 with the intention of advancing high standards of education in the neighborhood. The College wants to provide students with the best and most rewarding learning environment possible so they can achieve their academic and athletic goals. The College places a high priority on encouraging students' professional and personal growth in order for them to efficiently meet social requirements and forge themes as a part of society.

Students who receive a high-quality education here will be able to succeed not just in their personal lives but also as responsible and deserving citizens of their nation. When doing this, attention is placed on the students' moral and spiritual development as well as gender justice with the goal of fostering a positive social atmosphere. In addition to these benefits, the institution can foster harmony and cooperation among local residents of all castes, communities, and religions.

Vision of the college is to:
- To be a centre of academic excellence for the pursuit of science education
- Foster personal and professional growth foe all students through science
- To nurture, inspire and mould youth.
- To inculcate facilities in the area research and development.

Describe the overall mission and purpose of the institution.
MISSION

The primary goal is to give students access to high-quality higher education. In addition to classroom contact, frequent seminars, group discussions, and other extracurricular events are organized to achieve this.

Young minds are being worked on to foster a scientific temperament and instill humanitarian principles. With various skill development programmes, emphasis is placed on the holistic development of the students as well as on raising their knowledge of social issues.

Mission of the college is to:
- To impart quality science education for all dimensional growth
- To equip students with knowledge and skill.
- To excel in all area of teaching and learning.
- To develop leaders in the field of science and technology

INSTITUTIONAL BASIC INFORMATION

Institutional Identity:

a. Name of the Institution: **Ballubhai Krishnlal Majmudar Science College Valsad**

b. Type of Institution: **Grant In Aid**

c. Category: Co-education/ Girls: - **Co-education**

d. Location: (urban / rural):- **Rural**

e. Website Address of the College: **https://www.bkmscience.com**

f. Name of Head of Institution and Project Nodal Officers

Head and Nodal Officer	Name & Department	Mobile Number	E-mail Address
Principal	Dr Vikas A.Desai	9824162876	bkmscience@yahoo.com
Vice-Principal	Dr T G.Gohil	9825510246	tggohil@gmail.com
IDP, Coordinator	Dr T G.Gohil	9825510246	tggohil@gmail.com

Establishment Details:

Sl. No.	Establishment Details	
1	Year of establishment	1957
2	Name of University to which Affiliated	Veer Narmad South Gujarat University, Surat
3	Year of Permanent Affiliation	1981
4	Year of Temporary Affiliation	----

NAAC Accreditation:

	Date of Application	Date on which accreditation was received	Grade	Valid till
1st Cycle	3rd May 2004	3rd May 2004	B	----
2nd Cycle	17th March 2016	17th March 2016	B	16th March 2021

Students' Profile:
Academic Information for 2022-2023

Sl. No.	Stream(Science / Commerce/Arts)	Level (UG, Diploma, PG)	Course name (Hons / pass wise)	Duration (Years)	Sanctioned annual Intake
1	Science	UG & PG	B.Sc & M.Sc	3 Year	1540

No of Class Room in the College:

Seating capacity	50 capacity	120 capacity	150 capacity	200 capacity
No of class room	03	04	03	02

Library:

Sl. No.	Parameters	No of books	
1	Total number of text books and reference books available in library for students (approx.)	Textbooks	8456
		Reference	17621
		Total	26077

Reading Room:

Reading room	Sitting Capacity
Reading room-1	80

Principal,
B.K.M. Science College,
Valsad, Gujarat, India.

First Aid Box and Functional fire Extinguisher Facilities:

First Aid box available		Functional fire extinguisher		
Principal Room (Y/N)	Any other location (Y/N) If Y, mention location	Principal`s chamber/ Office/Class Room/ Corridor	Near Main Electrical switch Board(Y/N)	Library (Y/N)
Yes	**Office, Teacher Common Room, Boys and Girls common Room**	Yes	Yes	Yes

Hostels (Boys)

Sl. No.	Parameters	Specify details
1	Does the college/Institute have Student Hostel (Yes/No)	No
2	If Yes, Number of Hostels	NA
3	Hostel-wise Intake Capacity	NA
4	Hostel-wise Present students strength	NA
5	No. of ST students among sl.no 4 above	NA
6	No. of SC students among sl.no 4 above	NA
7	No. of differently abled students among sl.no 4 above	NA
8	Facilities(Common room, Food, Games & Sports, Reading room etc.	NA
9	Hostel accommodation fees per month	NA
10	Hostel mess fees per month	NA
11	Mess management (fully by students/ fully by college admin/ both)	NA
12	Are the hostels accessible to differently able students?	NA
13	No of toilets in Boys Hostel	NA
14	No of urinals in Boys Hostel	NA
15	No of bathrooms in Boys Hostel	NA
16	No of drinking water facility in Boys Hostel	NA
17	Furniture provided to students (cot/ table/ book shelf)	NA
18	Electricity connection available (Y/N)	NA
19	fire Extinguisher: Y/N	NA
20	first aid box available: Y/N	NA
21	No of drinking water points available:	NA

Hostels (Girls)

Sl. No.	Parameters	Specify details
1.	Does the college/Institute have Student Hostel(Yes/No)	Yes
2.	If Yes, Number of Hostels	01
3.	Intake Capacity	75
4.	Present students strength	69
5.	No. of ST students among sl.no 4 above	
6.	No. of SC students among sl.no 4 above	
7.	No. of differently abled students among sl.no 4 above	00
8.	Facilities(Common room, Food, Games & Sports, Reading room etc.	Yes
9.	Hostel accommodation fees per month	5000
10.	Hostel mess fees per month	
11.	Mess management (fully by students/fully by college admin/ both)	Fully by Trust
12.	Are the hostels accessible to differently able students?	Yes
13.	No of toilets in Girls Hostel	15
14.	No of urinals in Girls Hostel	15
15.	No of bathrooms in Girls Hostel	15
16.	No of drinking water facility in Girls Hostel	Yes
17.	Furniture provided to student (cot/ table/ book self)	Yes
18.	Electricity connection available(Y/N)	Yes
19.	No of fire Extinguisher exist:	Yes
20.	No of first aid box available:	Yes
21.	No of drinking water facility available:	Yes

Toilet/ Urinal Facility in the College

Facility	Number for Boys	Number for Girls
Closets	00	00
Urinals	03	02

Drinking Water Facility in the College

Sl. No.	Drinking water with purifier	No of Taps	Capacity in liters
1	Yes	06	1000 Liters

SWOC Analysis

Ballubhai Krishnlal Majmudar Science College, Valsad

Strength:

An introspective scrutiny of the overall evaluative reports included in the SSR shifted the below listed strengths, weaknesses, opportunities and challenges to be met.

- College is offering co-education in science stream of backward area students which is situated in the prime location of Valsad district.
- Accredited by NAAC.
- IQAC involvement in planning, execution and monitoring of all academic activities.
- Possesses 62 acres of land which comprises sprawling campus, academic buildings and play ground.
- Adequate and excellent infrastructural facilities with campus broad band and having sufficient number of classrooms with Wi-Fi and ICT facility and well equipped laboratories.
- The botanical garden of the institute has a variety of trees and rare plants. There are more than 12000 trees and more than 40 plants of medicine, demonstrative plot, bio and vermin compost unit, water harvesting unit, mushroom cultivation unit, green house and Polly house etc.
- E-learning centre with a herbarium house
- Chemistry Research lab
- Well maintained girls and Boys hostel in the campus.
- Diversified courses; B.Sc. program with 4 subject combinations, 3 subject in Post Graduate and Ph.D in Chemistry and Botany subject.
- Qualified and experienced faculties -19 doctoral and 05 M.Phil degree holders.
- Constant evaluation and practical based learning
- A separate building for Library enabled with INFLIBNET facility and a rich collection of books CDs, software, e-resources, journals, periodicals.
- The best research culture amongst faculties and students. Good number of research paper publications and paper presentations by faculty and students.
- Excellent results with good number of academic merits in UG and PG
- Active participation of staff in different events organized by various NGOs.
- Experienced, dedicated and competent technical and non-teaching staff.
- 20 % of the teachers are research supervisors.
- Good number of extension activities.
- Facility for sports, and cultural activities.
- Coaching is provided for competitive exam.
- Adequate contribution of stake holder towards the overall development of the college

- Campus with CCTV surveillance and intercom facility.
- Co operative management
- An active Placement Cell
- Four active units of NSS which train students to work for societal issues.
- Experiential learning for students with regular arrangement of educational tours.
- Industrial visits and laboratories, field trips etc. and lecture Series for the students' welfare.
- Well disciplined campus and student centric learning atmosphere.
- A supportive, encouraging and inspirational parent management.

Weakness:

Lack of local industrial collaborations.

- Meager funding by the state government.
- Curriculum is not in the purview of the institution.
- Shortage of teaching and non-teaching staff because of state government's policies.
- Lack of flexibility in the courses taught due to being an affiliated college.
-

Opportunity:

- To enhance consultancy, collaboration and MOU at wider level
- To create platform for more job opportunities for science graduates.
- To emerge as a science centre in the region.
- to create comprehensive training for various competitive exams

Challenges:

Long term sustenance of quality and excellence.

- Adaption to technological changes with respect to online learning environment.
- To bridge the gap between the industrial demand and curriculum
- To improve communication skill of the rural students.
- Linkages with industries from outside the region.
- To attract brilliant students towards basic sciences.
- To offer skill based courses for self reliant and job opportunities.
- To create more opportunities for placement in civil and other services

Specific objectives and Expected results of proposed.

Specific objectives:-

To engage in multidisciplinary research work.
- To enhance consultancy, collaboration and MOU at wider level.
- To create platform for more job opportunities for science graduates.
- To emerge as a science centre in the region.
- to create comprehensive training for various competitive exams

NEED ASSESSMENT

Academic Administration:

1	Whether detailed lesson plans are given to students?	Yes
2	If yes, Is the lesson plan followed strictly?	Yes
3	What type of monitoring system is followed for completing course within set Time frame?	Extra Classes & Remedial Classes
4	What type (monthly, quarterly, biannually, annually) of attendance management system is followed in the institute? What is the method of intimation to Faculty/students?	Manual Notice board & Through Whatapps group

5	What type of feedback system is used for appraising the performance of faculty members?
	  a. 360 degree
	  b. Students' feedback
	  c. Self-appraisal
	  d. CCR
		Google Feedback Form

6.	Is the rating communicated to teachers for improvement?	Yes

Infrastructural Development & Maintenance:

SL No	Describe	
1	What type of expansion work is required for existing Infrastructure? Is own land available for this?	Additional Class rooms, Chemistry, Physics & Botany & Research Laboratory Yes
1(a)	Are ~~men~~ and women hostels adequate as per demand? If expansion required, is own land available?	Yes Yes
1(b)	Are men and women toilet blocks adequate as per demand? If expansion required, is adequate space available?	No Yes
2	What type of modernization / renovation works are needed for existing infrastructure? (Laboratories, Library, hostels etc.)	To be well furnished digital class rooms, MOOC Studio, Computer Lab, Skills Development Lab, drinking water facility, sports equipment, Library books etc.
3	What type of infrastructural development work required for non- academic area for the institution (toilets, girls common room etc.)	Toilets & new boys common room are required

4	What type of infrastructural development work is needed for making them accessible for differently-abled students?	Physically Challenge Toilet, smooth connectivity from hostel to college building
5	Does the institute maintain the academic and non-academic infrastructure areas?	Yes
6	What are the monitoring mechanisms followed for maintenance?	Staffs are engaged for maintenance.

Effective Institutional Governance:

Sr. No.		

1	Does the institution have duly constituted governing body?
	  a. If yes, has it been approved?
	  b. How frequently the Governing body meets?
	Yearly
	Biannually
	More times, as and when require
		Yes
		
		approved
		
		As and when required

2	Does the institution have E-Governance project (ERP & MIS) implemented?	Yes
3	How record keeping and data management is done in the institute?	Manually, Online
4	What type of library management system is there in the institute?	Software & Manual
5	What type of financial management and accounting system is followed in the institute?	Manually
6	Does the institute have its own active website? If yes, mention web address	https://www.bkmscience.com/

Manpower Management:

Sl. No.	Describe	
1	Does the institute have adequate and skilled manpower (both teaching and non- teaching)	For Teaching – Yes For Non Teaching - No

2	Does the institute have a grievance redressal mechanism?
	
	Do they represent all the stakeholders? Specify.
	  a. For Staff
	  b. For Students
		Yes
		
		Both

3	What type of staff engagement practices (academic, behavioral & organizational) are followed in the institute?
	  a. Regular training
	  b. Counseling on Performance
	  c. Any other. Please specify
		Regular Training Counseling on Performance

Research & Development:

Sl. No.	Describe	
1	What are the research initiatives taken by the institute?	No
2	Have the institute identified the thrust areas for research work in the institutes? If yes, Please mention the areas	No
3	How does the institute facilitate the project funding, from Sources like: (UGC/AICTE/ICSSR/CSIR/DBT/DST etc.)	No
4	Has the institute handled Inter disciplinary Project?	No
5	Has the institute worked on student Research project?	No
6	Has the institute measured the growth in research and development through participation and contributions in International/ National Conferences, Seminars, Symposiums, Workshops, and initiation of academic exchange programs? If yes, give details.	
7	What type of facilities and incentives are provided to faculty members to manage the research work after getting the Funding?	No

Monitoring and Evaluation:

Sl. No.	Describe	
1	Does the present administration, academic and financial System needs monitoring and development for flawless implementation?	Yes
2	Does the institute have IQAC cell? If yes, State the major functions of the cell.	Yes Working on quality improvements
3	Give details of number of meetings held by IQAC for last 3 years.	07
4	Does the institute conduct the followings: a. Academic Audit b. Energy Audit c. Green Audit d. Financial Audit e. Administrative Audit	Academic Audit, Financial Audit, Administrative Audit
5	Mention the audits last done:	2022-23

Supporting Students from Disadvantaged Backgrounds:

Sl. No.	Describe the particular needs of your students by answering the following questions:	
1	What is the academic/skill training support that students may need for improving employability?	**Communication Skill Course, Life and Soft Skills, Computer courses / IT Literacy**
2	Do all students wanting hostel accommodation get it on priority from the 1st year onwards?	**NA**
3	What is the academic/skill training support that SC/ST students may need for improving employability?	**For giving extra class and training through MOOC studio/ recorded lectures, Communication Skill Course, Life and Soft Skills training**
4	Do all SC/ST students wanting hostel accommodation get it on priority from 1st year onwards?	**NA**

PLANNING AND EXECUTION STRATEGY

After consultation with many parties, including students, parents, the governing body, alumni, well-wishers, etc., strategic goals must be developed.
The institution's strategic goals will be created based on a SWOC analysis.
The following lists a few such objectives.

Strategies Plan for institutional development based on SWOT analysis

1. To enhance the quality of courses currently offered but making them more relevant, skill focused and responsive to the demands of the employment industry and to introduce Add on courses to Improve employability of the students.

2. Establish new infrastructure & improve the existing infrastructure.

3. To make teaching learning process more effective by Adding more smart classrooms, MOOC Studio, Skills Lab, Blended learning - MOOCS & Digital recording Studio, ICT integrated teaching for faculty in innovative teaching methodology.

4. Improve social responsibility and awareness in the students by pushing for more collaborative interaction between agencies working with a social concern.

5. Plan for increasing revenue sources, maintenance of assets, pro-environmental initiatives, social / community engagement etc.,

6. Improving communication with key stakeholders such as parents, alumni, local leaders, industries, etc.,

7. Improving the faculty competency in terms of academic proficiency, communication skills, administrative capacity etc.,

Execution Plan Goal:

Activity 1: Timely conduct of classes to complete syllabus.

Improvement Plan: Digital Classrooms are proposed under the project. Guest Faculty/Contractual Faculty will be engaged under the project.

Activity 2: Monitor weak / backward students and provide additional academic support.

Improvement Plan: Faculties are taking remedial classes in order to enhance the compatibility of the students in the particular subjects.

Activity 3: Ensuring access to library books and Computer Lab

Improvement Plan: Computer labs and computers are proposed under the project. Lab and Library will be kept open during college hours and students motivated to use them.

Activity 4: To provide placement opportunities for promoting employment.

Improvement Plan: To establish Skills lab to provide entrepreneurship and employability skills training. Opening of placement cell in the college.

-Liasoning with local Industries.

-Providing training to the students through different types of Agencies like Banking guide, DIC, MSME and rural self-employment Training.

Activity 5: Improving communication with key stake holders such as parents, alumni, industries and local Leaders.

Improvement Plan: Periodic meeting of parents, students and teachers.

-Periodic meetings by inviting carrier guide for guiding the students for different carrier opportunities.

Activity 6: Monitoring the students and faculty for effective Learning out comes.
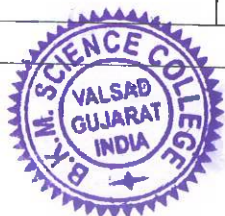
Improvement Plan: Introduction of daily performance report.

Activity 7: Collection for revenue sources

Improvement Plan: Collection of student fees for Industries visit, Language Enhancement/ Improvement course, etc.

Budget plan (Rs. in Crore)

Sl. No.	List of Activities	Specify	Estimated Cost (Rs. In Crore)	Detail Project Report attached
1.	Modernization and strengthening of laboratories and Class rooms contractual technicians' recruitment	Biology lab, Research Lad, Physics Lab, Chemistry Lad and 4 Class rooms requirement	17.00	Yes
2.	Renovation of existing infrastructure	Girls Hostel Old Laboratories (8)	2.29	Yes
3.	Establishment of new laboratories	Computer Lab with furniture and acoustic	0.35	Yes
4.	MOOCS & Digital recording Studio	For Blended Learning	0.20	Yes
5.	Books	CBCS, NEP 2020	.06	Will be submits
6.	Development of communication skill training	Establishment of Skills Lab	0.47	Yes
7.	Laboratory equipment	Bot, Chem, Phy, Zool	1.13	Yes
8.	Drinking water	Common Rooms -03	-----	------
9.	Sports equipment	Volley Ball, Cricket, Badminton, etc	0.04	Yes
10.	Modernization of classrooms	Digital / Smart Class rooms (8)	0.40	Yes
11.	CCTV Cameras	To cover whole campus and classes	0.13	Yes
12.	Engagement of Guest Faculty		.05	Will be submits
13.	Training for Faculty (including pedagogical training, administrative, academic matters) and Non-teaching staff		.05	Will be submits
14.	Training for students (specify type of training)	Entrepreneurship and Employability Skills training	.05	Will be submits
15.	Environment, Health & Safety related activities/items	Tree Plantation, Awareness for Health & Safety	.10	Will be submits
16.	Skill development programs		.05	Will be submits
17.	Others(specify)	Roof Solar panel	.43	Yes
18.	Others(specify)	Lawn Tennis Court	.12	Yes
		Total	22.92	

Principal, 29/3/23
B.K.M. Science College,
Valsad, Gujarat, India.

DPR of Blended learning – MOOCS & Digital recording Studio

(Approx. Area 300 sq. ft.)

	ELECTRONIC GADGETS	Qty.
1.	Teacher Computer : Intel Core i-5 Processor, Intel Chipset, 8 GB DDR3/4 RAM, 1 TB Hard Disk, 18.5" LED Screen, Keyboard & Mouse, Graphic Card DDR3 Memory	1
2.	ACs with Fittings (Capacity : 1.5 ton each)	2
3.	Home Theatre Sound System	1
4.	AI Tracking Camera for Instructor: PTC 20MN, camera - AI Tracking Camera for Lecture Tracking - 20 X Zoom, USB, HDMI, IP	1
5.	USB + HDMI PTZ Camera for Student camera: PTC 20N, USB + HDMI + IP + SDI + RS232 1080p60 PTZ Camera - 20 X - NDI	1
6.	Interactive Touch Display (65" size) with all necessary accessories including wall mount kit, etc.	1
7.	Digital Podium with PC	1

	INSTALLATION	
1.	MOOC Studio Installation	

	FURNITURE AND FIXTURE	
	Wooden Furniture:	
1.	Wooden Door	1
	Teacher table	1
	Miscellaneous wall panelling	
2.	Executive Chair for faculty	1
3.	Specially designed student chair	24

|	ACOUSTICS - CEILING - COLOR - ELECTRIFICATION & OTHERS	
	Acoustics & False ceiling work:	
1.	(i) Plain gyp-board ceiling	100 sq. ft.
	(ii) Grid ceiling	200 sq. ft.
	(iii) Acoustics work: Gyp. Perforated wall panelling work	720 sq. ft.
2.	Colour work (using best quality plastic paint)	
	I. Ceiling and wall color work	1020 sq. ft.
	II. Polishing work	1020 sq. ft.
3.	**Electrification:**	

	I. 2' x 2' LED fixtures	6
	II. Round Down Light LED	10
	III. ISI marked Wires, Switches & Metal Boxes, etc.	
	IV. Wall fan	4
4.	Civil work like closing windows, Partition of all chambers with material, etc.	
5.	Doormat	1
	Basic Project Cost	**16,90,000**
	GST (18%)	**3,04,2000**
	Total Project Cost	**19,94,200**
	Rupees Nineteen Lacs Ninety Four Thousand Two Hundred Only.	

Terms & Conditions:-

1. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.
2. Warranty period for complete one year after installation of Studio.

Proposed Studio Photo:
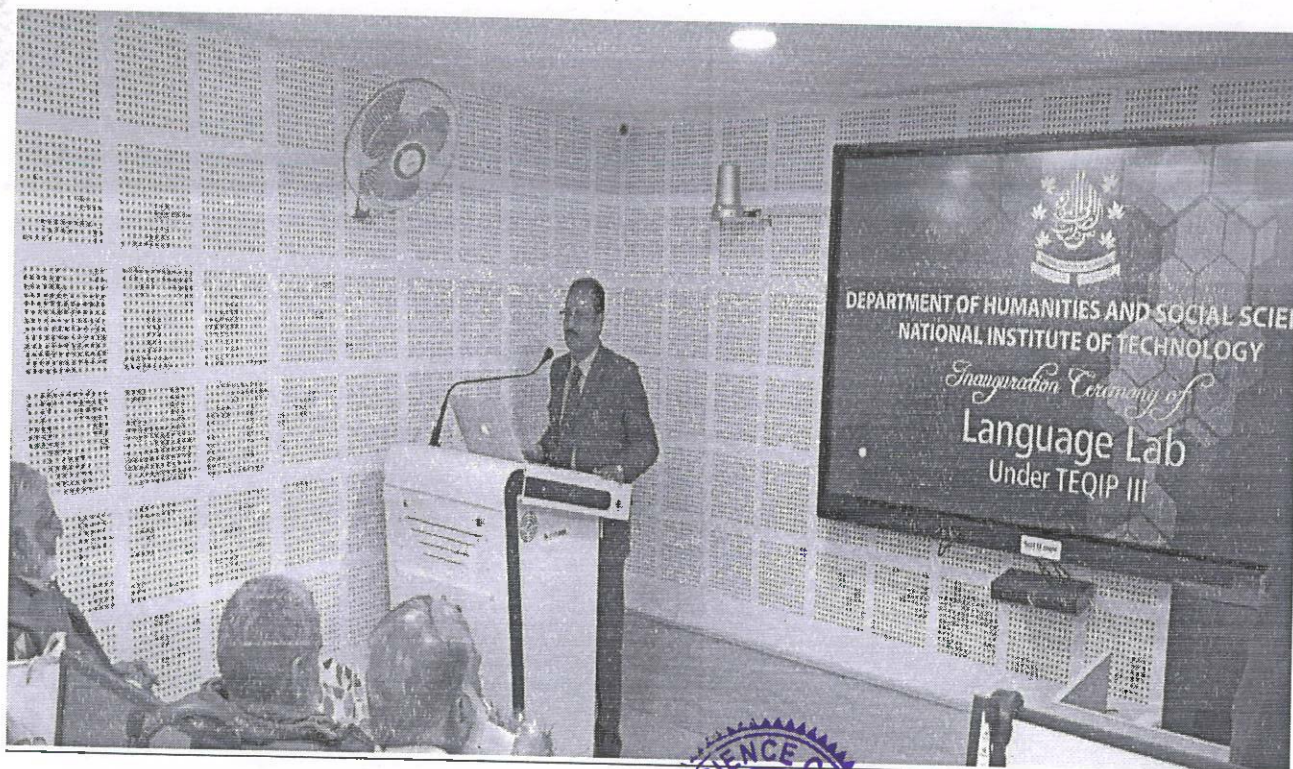
Details Project Report for 48 Seats Skills Lab

(Approx. Area required 450 sq. ft.)

	ELECTRONIC GADGETS	Qty.
1.	Master Computer based console with computer & necessary wiring, following add on, etc. 1) Digital Signal Processing facility for audio/video Playback / recording. 2) Audio channels connected to DSP through optical fiber cables. 3) Provision for creating individual audio channels for 8 inputs & 48 outputs. 4) Self-contained for any audio/video application / video conferencing / e-learning / Webinar, etc. 5) Intel Core i-5 Processor, Intel Chipset, 4 GB DDR3/4 RAM, 1 TB Hard Disk, 18.5" LED Screen, Keyboard & Mouse, Graphic Card DDR3 Memory	1
2.	Inverter (1 KVA Capacity)	1
3.	ACs with Fittings (Capacity : 2 ton each)	2
4.	LED TV (55" size) Full High Definition USB, Supplied with all necessary accessories including wall mount kit	1
5.	Home Theatre Sound System	1
6.	Head phone with socket & mic	49
	TECHNICAL	
1.	Skills Lab Installation	
2.	Technical knowhow and Human Resourcing Training for 3 days - one teaching faculty and a technical assistant	
3.	Lifetime Licensed modules of English language learning and soft skills	
4.	Licensed Software Windows 7/10, Scope, Cubase	
5.	Anti-Virus	
	FURNITURE AND FIXTURE	
1.	**Wooden Furniture:**	
	Wooden Door	1
	Podium	1
	Computer table	1
	Console cabinet	1
	Small Cabinet for inverter	1
	Miscellaneous wall panelling using plywood and laminates	
2.	Specially designed student chair	48
3.	Chair for lab technician	1
	ACOUSTICS – CEILING – COLOR – ELECTRIFICATION & OTHERS	

Acoustics & False ceiling work:		
1.	(i) Plain gyp-board ceiling	200 sq. ft.
	(ii) Grid ceiling	250 sq. ft.
	(iii) Acoustics work: Gyp. Perforated wall panelling work	350 sq. ft.
	Colour work (using best quality plastic paint)	
2.	III. Ceiling color work with putty etc.	200 sq. ft.
	IV. Vertical wall color work with putty etc.	300 sq. ft.
	V. Polishing work	350 sq. ft.
	Electrification:	
3.	V. 2' x 2' LED fixtures	6
	VI. Round Down Light LED	12
	VII. ISI marked Wires, Switches & Metal Boxes, etc.	
	III. Wall fan	6
	IX. MCB, ELCB, etc.	1 set
4.	Electrification (Master Computer Console wiring with material)	
5.	Civil work like closing windows, finishing of wall with material, etc.	
6.	Course Material for Students - Hard Copy	96 Books
7.	Doormat	1
	Total	**40,00,000**
	GST (18%)	**7,20,000**
	Final Project Cost	**47,20,000**
	Rupees Forty Seven Lacs Twenty Thousand Only.	

Terms & Conditions:-

1. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.
2. HR training after installation of Lab.
3. Listening & Recording facilities at all the seats.
4. Warranty period for complete one year after installation of Lab.

Proposed Skills Lab Photos:
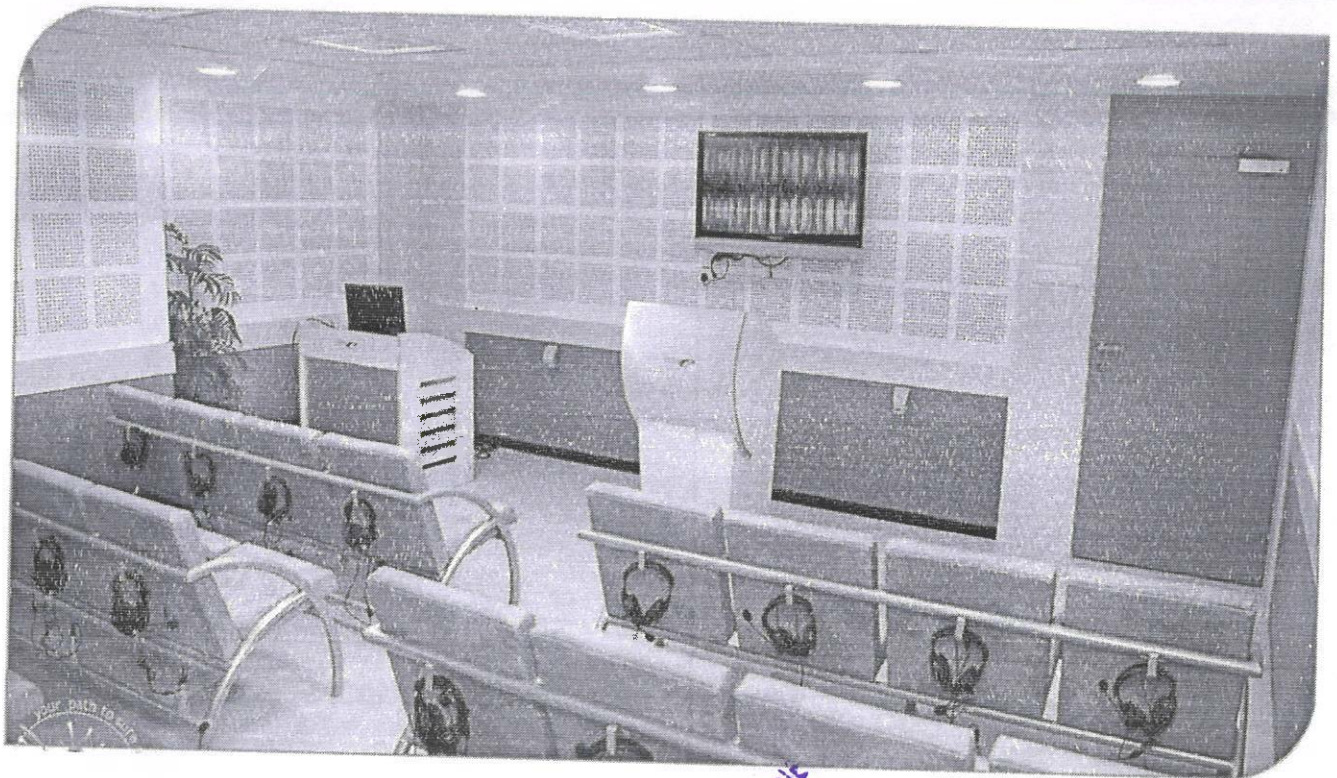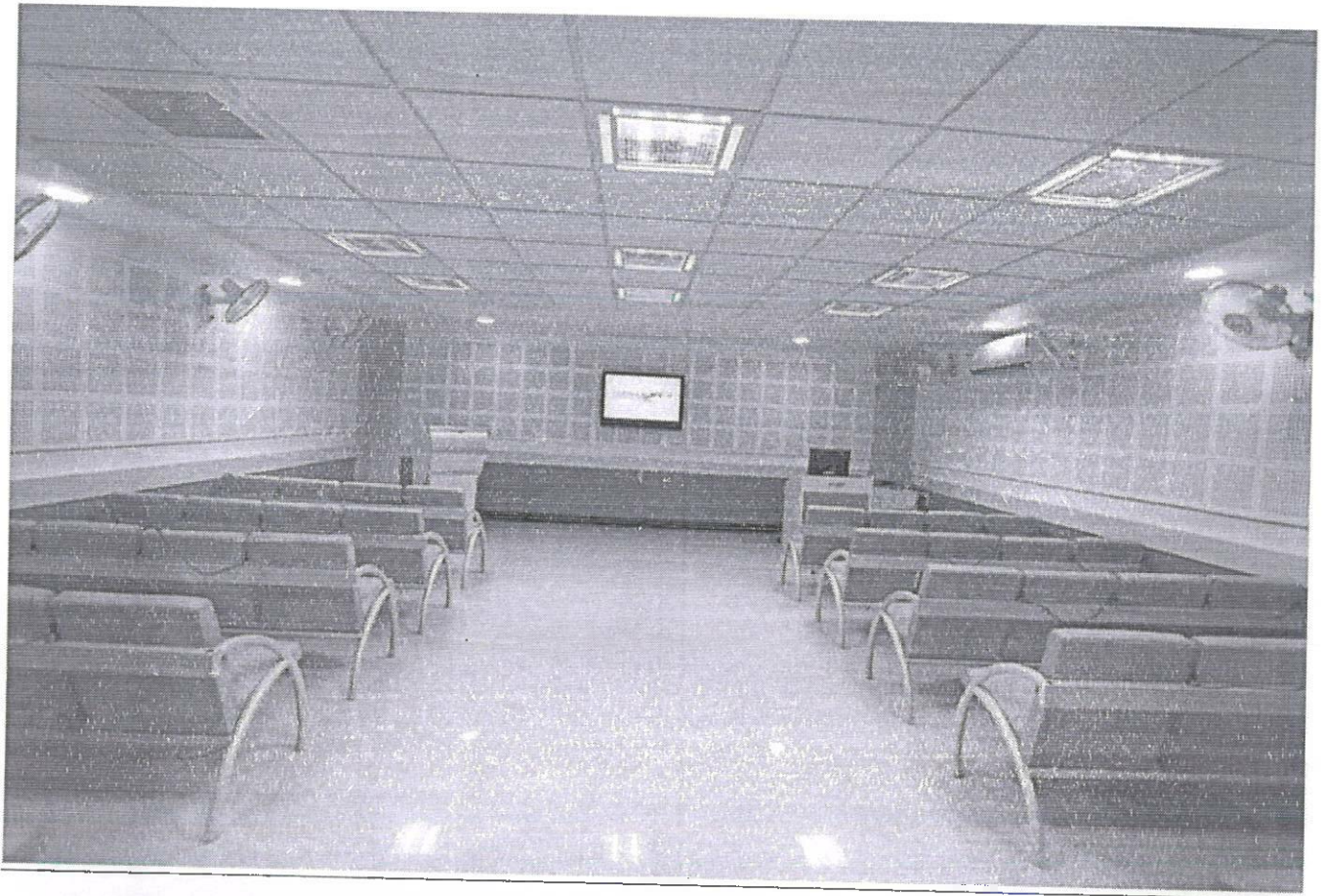
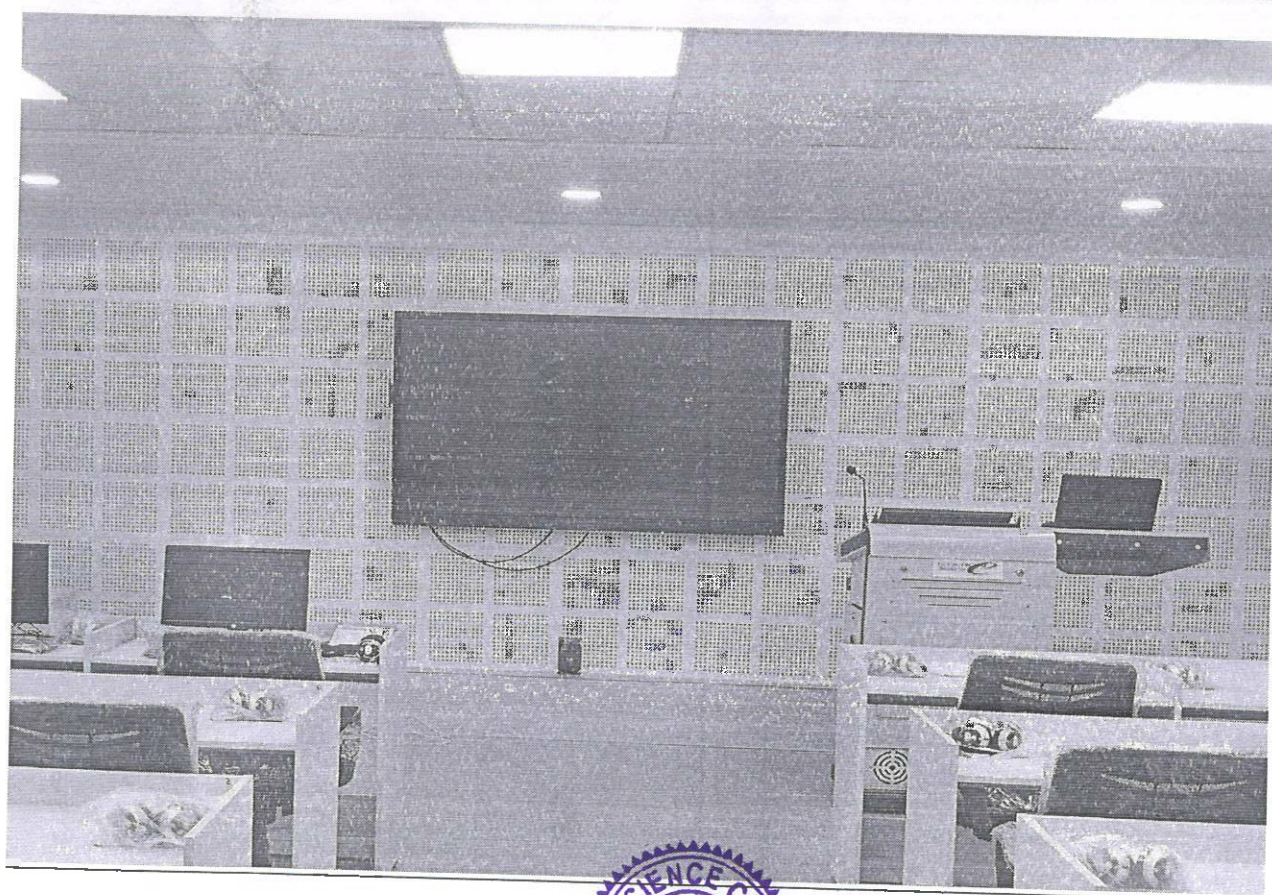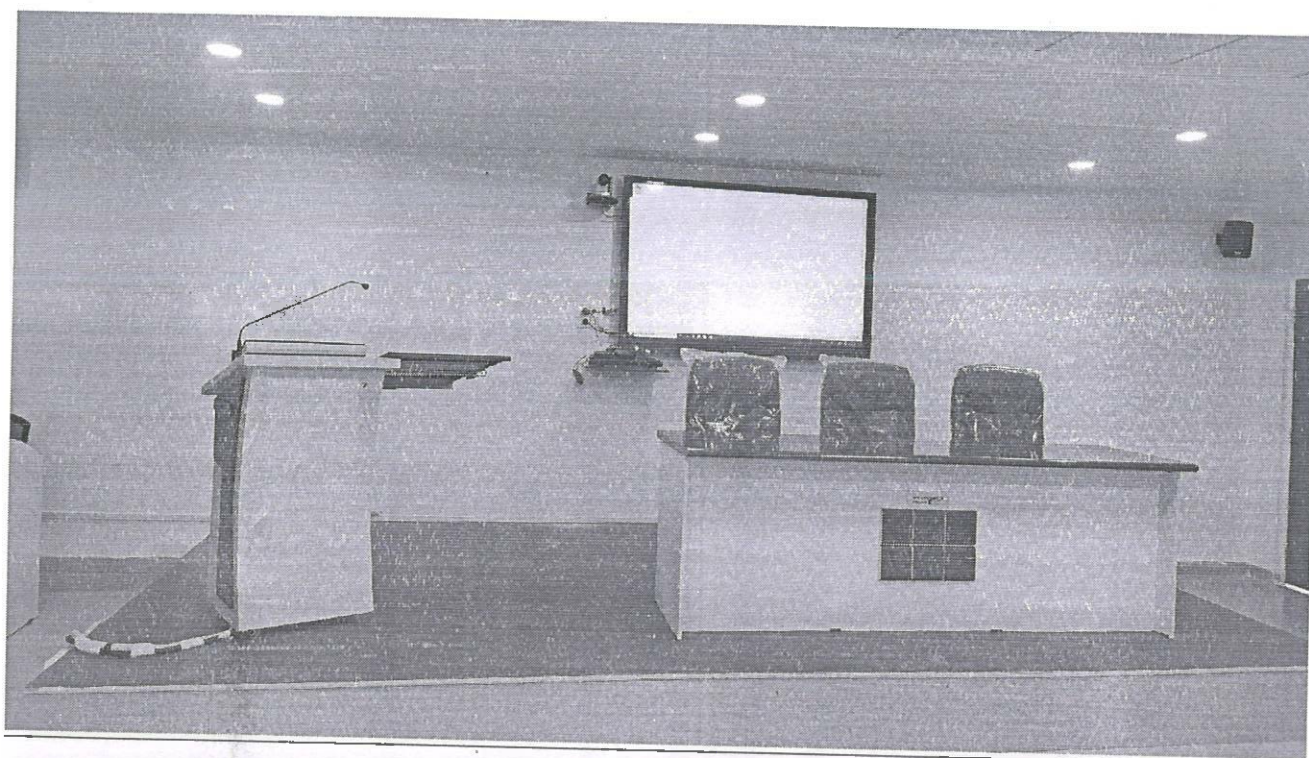# Detail Project Report of Smart Class with Interactive Touch Display and Digital Podium

ELECTRONIC GADGETS		Qty.
1.	Interactive touch display 75" Supplied with all necessary accessories	1
2.	Wall mount kit	1
3.	Digital Podium with PC	1
4.	Air Mouse with Laser Pointer	1
TECHNICAL		
1.	Smart Class Installation	
2.	Technical knowhow and Human Resourcing Training for 1 day	
ELECTRIFICATION & OTHERS		
1.	**Electrification:**	
	X. ISI marked Wires, Switches & Metal Boxes, etc.	
	VGA / Power Cable	
	Total	4,22,000
	GST (18%)	75,960
	Final Project Cost	4,97,960

Rupees Four Lacs Ninety Seven Thousand Nine Hundred Sixty Only.

Terms & Conditions:-

1. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.

2. HR training after installation of Smart Class.

3. Warranty period for complete one year after installation of Smart Class.

Detail Project Report of 24 + 1 (25) Seats Computer Lab

(Approx. Area required 500 sq. ft.)

	ELECTRONIC GADGETS		Qty.
1	Master Computer Configuration : with keyboard & mouse with necessary wiring, Licensed Software Windows 10, etc.		1
	Form Factor	Tower Cabinet	
	CPU	Intel Core I7 processor	
	Motherboard	Intel Chipset	
	Bus Architecture	Integrated on-board graphics, Integrated Audio	
	RAM	8 GB	
	Hard disk	1 TB SATA hard disk	
	Monitor	18.5" LED	
2	Individual Branded Computer with keyboard & mouse with necessary wiring, Licensed Software Windows 10, etc.		24
	Form Factor	Tower Cabinet	
	CPU	Intel Core I5 processor	
	Motherboard	Intel Chipset	
	Bus Architecture	Integrated on-board graphics, Integrated Audio	
	RAM	4 GB	
	Hard disk	500 GB SATA hard disk	
	Monitor	18.5" LED	
	Anti-Virus		
3	ACs with Fittings (Capacity : 1.5 ton each)		2
4	Interactive touch display 75" Supplied with all necessary accessories including wall mount kit		1
5	Home Theatre Sound System		1
	TECHNICAL		
1	Computer Lab Installation		
	FURNITURE AND FIXTURE		
1	**Wooden Furniture:**		
	Podium		1
	Computer table for Lab Technician		1
	Computer Table for Students		For 24 users

	Miscellaneous wall panelling	
2	Student chair	24
3	Chair for lab technician	1
ACOUSTICS – CEILING – COLOR – ELECTRIFICATION & OTHERS		
1	**Acoustics & False ceiling work:**	
	(i) Plain gyp-board ceiling	200 sq. ft.
	(ii) Grid ceiling	300 sq. ft.
	(iii) Acoustics work: Gyp. Perforated wall panelling work	700 sq. ft.
2	Colour work (using best quality plastic paint)	
	VI. Ceiling color work with putty etc.	500 sq. ft.
	VII. Vertical wall color work with putty etc.	700 sq. ft.
3	**Electrification:**	
	XI. 2' x 2' LED fixtures	6
	XII. Round Down Light LED	10
	III. ISI marked Wires, Switches & Metal Boxes, etc.	
	XIV. Wall fan (12" S.S.)	6
	XV. MCB, ELCB, etc.	1 set
4	Minor civil work like closing windows, finishing of wall with material, etc.	
5	Doormat	1
	Total Project Cost	**29,50,000**
	GST (18%)	**5,31,000**
	Final Project Cost	**34,81,000**
	Rupees Thirty Four Lacs Eighty One Thousand Only.	

Terms & Conditions:-

3. The above rates include all kind of taxes, labour works, transportation, installation charges, etc.

4. Warranty period for complete one year after installation of Lab.

Proposed Computer Lab Photos: