



# Gitarattan Institute of Advanced Studies & Training

(RECOGNISED & AFFILIATED)

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Date: 16.10.2024

B – 25484564/ GIAST/2024

The Academic Audit committee  
GGSIPU,  
Sector -16  
Dwarka.

Respected Sir/Madam

Th is to certify that Institution has following status of Laboratory.

## 8. Status of Laboratories

No. of Labs: 05

S.No.	Name of Laboratory	Technical Staff For Each Lab
1.	Curriculum Laboratory	Ms.Shikha Sharma & Ms.Vandana
2.	Psychology Laboratory (attached)	Ms.Rupa Sharma & Ms.Neha Bajaj
3.	Science/MathematicsLaboratory(attached)	Dr.Shikha & Ms.Ashima
4.	Art & Craft/Performing Arts Resource Centre	Ms. Nitya &Ms. Priya Gautam
5.	Health & Physical Education Resource Centre(attached)	Ms.Shelly Tandon

**Upgraded as per new technological developments and requirements of the course curriculum:**

Regards

Prof.Sonia Jindal

Principal



# 1. CURRICULIM LABORATORY :

FILES	PROJECTS	RESOURCES
<ul style="list-style-type: none"><li>• Lesson Plan Files</li><li>• Achievement Test Records</li><li>• Text Book Review</li><li>• Reflective Journals</li><li>• Peer Group Observation</li><li>• Multi Media Lessons</li><li>• Reflection On School Experiences</li></ul>	<ul style="list-style-type: none"><li>• Assignments – subject wise</li><li>• E– Portfolio</li><li>• Reading Reflecting on Text</li><li>• PSE-I &amp;II</li><li>• US</li><li>• Drama &amp; Art in Education</li></ul>	<ul style="list-style-type: none"><li>• Art &amp; Craft</li><li>• SUPW</li><li>• Teaching Learning Material</li><li>• Rangoli</li><li>• Puppets</li><li>• Clay Modelling</li><li>• Pottery</li><li>• MODELS<ul style="list-style-type: none"><li>a) Working</li><li>b) Cross section</li><li>c) Static</li></ul></li><li>• Charts</li></ul>

Lab  
&  
Com





## 2. LIST OF PSYCHOLOGICAL TESTS

S.No.	Name of sub Test	Name of Writer
<b>CREATIVITY TEST</b>		
1.	Passi Test of Creativity	Dr. Passi
2.	Verbal Test of Creative Thinking	Baqer Mehdi
<b>INTELLIGENCE TEST</b>		
1.	Verbal Intelligence Test	Dr. R.K. Ojha Dr. K. Chowdhary
2.	Wechsler Adult Performance Intelligence Test	
3.	Mixed Type Group Test of Intelligence (Verbal & Non Verbal)	Dr. P.N Mehrotra
4.	The Group Test of General Mental Ability	S. Jalota
5.	Mangal Emotional Intelligence Inventory (MEII)	S. K Mangal & Shobha Mangal
6.	Social Intelligence Scale	Dr. N.K. Chadha
7.	Stanford Binet Intelligence Scale	Binet
8.	Teacher's Emotional Intelligence Inventory TEII-M	Dr. Mrs. Shubhra Mangal
9.	Rasan Spiritual Intelligence Test	Prof. Roquiya Zainuddin & Ms. Anjum Ahmed
10.	Raven Standard Progressive Matrix (1996)	J.C.Raven
11.	Test 'g' Culture Fair Scale 2	R.N. Singh
<b>PERSONALITY TEST</b>		
1.	Rorschach Test	Rorschach
2.	Dimensional Personality Inventory	Dr. Mahesh Bhargava
3.	Draw A Man Test For Indian Children	Dr. Promila Pathak
4.	Singh's Differential Personality Inventory (SDPI)	Arun Kumar Singh & Ashish Singh
5.	Locus Of Control Scale (LCS)	Hasnain & Joshi
6.	Dimension Of Temperament Scale (DCS)	N.K. Chadha And Sunanda Chandana
7.	Teacher Freezing Scale	Haseen Taj
8.	Self Concept List	Pratibha Deo
9.	SCT	L.N. Dubey & Archana Dubey
10.	CAT	Bellak & Bellak
11.	TAT	Dr. L.P.Mehrotra





**VALUE TEST**

1.	Teacher Values Inventory	Dr. Harbhajan L. Singh & Dr. S.P Ahluwalia
2.	Value Conflict Scale	R.L. Bhardwaj
3.	Measurement of Value Orientation Affected by Movies	Mahalaxmi Ojha & Dr. Raj Kumar Ojha
4.	The Value-Orientation Scale	N.S. Chauhan, S. Aurora, R. Bhardwaj, M Mathur

**MOTIVATIONAL TEST**

1.	Social Motives Scales	Dr. Ram Nayak Dr.Mahesh Bhargava
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**APTITUDE TEST**

1.	Teaching Aptitude Test Battery	R. P. Singh & S. N.Sharma
2.	Scientific Aptitude Test for College Students (Atcs)	Sinha &Sinha
3.	Mechanical Aptitude Test	Atmananda Sharma
4.	Differential Aptitude Tests 1 Language Usage 2 Abstract Reasoning 3 Numerical Ability 4 Mechanical Reasoning 5 Clerical Speed And Accuracy	G.K. Bennett

**ADJUSTMENT TEST**

1.	Mangal Teacher Adjustment Inventory	Dr. S. K. Mangal
2.	Teacher Adjustment Inventory	Dr. S. K. Mangal
3.	Adjustment Inventory for School Students (AISS)	A.K.P. Sinha & R. P Singh
4.	Sharma Adolescent School Satisfaction Inventory (SASSI)	Meenakshi Sharma

**ATTITUDE TEST**

1.	TEACHER ATTITUDE INVENTORY	DR. S.P. AHLUWALIA
2.	Scientific Attitude Scale	Dr. J. Vidya Sagar
3.	Science Attitude Scale SAS-GA	Dr. Mrs. Avinash Grewal
4.	Computer Attitude Scale CAS-KS	Dr. Mrs. Tahira Khatoon & Manika Sharma
5.	Risk Taking Questionnaire	Dr. Virender Singh and Prem Nath Arora
6.	Children's Curiosity Scale	Dr. Rajiv Kumar
7.	Career Maturity Inventory (CMI)	Nirmal Gupta

**INTEREST TEST**

1.	Multi Phasic Interest Inventory (MII)	Dr. Mrs. S. K. Bawa
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2.	Vocational Interested Record (VIR)	S. P. . Kulshrestha
3.	Educational Interest Record (EIR)	S.P. Kulshrestha
4.	Multi Factor Interest Questionnaire (MFIQ)	S.D Kapoor & R.N. Singh
5.	Career Preference Record (CPR)	Bhargava & Bhargava
6.	Level of Educational Aspiration Test	
<b>ACHIEVEMENT TEST</b>		
1.	General Teaching Competency Scale	Dr. B.K. Passi, Mrs. M. S. Lalitha
2.	Hindi Achievement Test	L.N. Dubey
3.	Mathematics Achievement Test	L.N. Dubey
4.	Adult Education Achievement Test	L.N. Dubey
5.	General Classroom Achievement Test (VI & VII) (GCAT)	Dr. A. K. Singh & Sen Gupta
6.	Jeev Vigyaan Uplabdhii Parikshan	Km. Saroj Aurora
7.	Kulsum Teacher Effectiveness Scale (KTESC)	Umme Kulsum
8.	Level of Aspiration Measures	Dr. Mashesh Bhargava & Late Prof. Mr. Shah
9.	Indore Teaching Assessment Scale	B.K. Passi, Manohar Deshmukh & S.K. Sharma
10.	Study Habit Inventory	M.Mukopadhyay
<b>STRESS TEST</b>		
1.	Parent Child Relationship Scale	Dr. Nalini Rao
2.	PCR Scale	Dr. Harish Chand Sharma Dr. Narender Singh Chauhan
<b>MISCELLANEOUS TEST</b>		
1.	Maze Learning	H.S. Shirivastava Vivek Bhargava
2.	Mirror Drawing Apparatus	H.S. Shirivastava Vivek Bhargava
3.	School Environment Inventory	Karuna Shankar Mishra
4.	Educational Problems Questionnaire for Students	Shah & Lakhera
5.	Case Study Blank	G.P. Mathur & Raj Kumar Bhatnagar
6.	MARSI SCALE	As per new syllabus





### 3. Science / Mathematics Laboratory Chemistry (chemicals)

- Ammonium sulphate
- Ammonium Chloride
- Copper Sulphate
- Acetic Acid
- Potassium Permanganate
- Barium Chloride
- Barium Nitrate
- Ferrous Sulphate
- Lead Chloride
- Ammonium Carbonate
- Barium Sulphate
- Strontium Sulphate
- Strontium chloride
- Strontium Nitrate
- Calcium Nitrate
- Analytical Balance
- Conical Flask

#### PHYSICS APPARATUS

- Prism
- Bar Magnet
- Plain Mirror
- Convex Lens
- China Dish, Funnel
- Glass Slab

#### BIOLOGY (APPARATUS/CHEMICALS/ SPECIMEN)

- Strach
- Zinc Chloride
- Zinc Nitrate
- Zinc Sulphate
- Mohrs Salt

#### CHEMICAL APPARATUS

- Beaker 100 ml
- Peppet
- Burette Stand
- Conical Flask
- Volumetric Flask
- Chemical Balance
- Chromatography Jar
- Test tube
- Test tube Brush
- Test tube Holder
- Scissor : S – Steel  
Superior size
- Scalpels Handle
- Razor for section cutting:  
superior
- Watch glass Dia 3”  
Superior quality
- Petridish : Borocil Dia  
10cm
- Magnifer : 2” Superior  
Metal handle





- Surgical Blade (Pack of 100PC)
- Slide : BIOLOGICAL :Prepared General Testies, Ovary (1each)
- C.W.Material: General Monocot Root, Monocot Stem, Dicot Root, Dicot Stem.

### STAINING SOLUTION

- Methylene Blue
- Safranin
- Leishmans Stain
- Acito Carmine
- Phenol Red
- Benedictics Solution

### MISELLANEOUS

- PH Papers
- Foreceps
- Needles
- Cover slip
- Slides
- Scissor

### SPECIMENS (BIOLOGY)

- Life cycle of Honeybee
- Opuntia
- Life cycle of Silk Worm
- Lizard
- Life cycle of Cockroach
- Frog
- Bat
- Starfish

- Pila
- Onia
- Prawn
- Cobra
- Scorpion
- Dog Fish
- Leech
- Ascaris
- Labeo
- Earth worm
- Live fluke
- Pitcher Plant
- Ascaris
- Loose Smut of Wheat
- Red Rot of Sugarcane
- Rust of Wheat
- Blist of Potato
- Rust of Crucifer
- Mushroom
- Marchantia

### BIOLOGY (slides)

- Plasmodium
- Ciliated epithelium
- Human Blood Smear
- Protozoa Verticillia
- Meiosis (Stages)
- Mitosis (Stages)
- Columnar Epithelium
- Hydra
- Housefly
- W.B.C.(Blood cells)
- Nerve Cell)
- Mammal Spleen





- Cockroach Mouth parts
- Frog Tongue (T.S)
- Animal cell
- Ascaris (T.S.Male)
- Frog Testies
- Liver Fluke
- Frog Kidney
- Stomach T.S
- Mammal Lungs T.S
- Frog Blood
- Coelentrates (OPELIA)
- Amphibian Blastula
- Mosquito Culex
- Mammal Pancreas
- Enplena
- Mammal Testis





## 4. Art & Craft/Performing Arts Resource Centre

- Dance Competition
- Block Printing
- Paper Craft
- Glass Painting
- Painting
- Posters
- Pottery
- Crockery Decoration
- Wall Hangings
- Bandhanwar
- Paper Folding
- Quilling
- Nukkad Natak
- State wise Presentation (Jhalkiyan)
- State wise Exhibition
- Best out of waste
- Charts
- Sketch Pens
- Origamy Sheets
- Bold Marker
- Handmade Sheets
- Drawing Boards
- Water Colour





## 5. Health & Physical Education Resource Centre

- T.T.Racquets
- Shot Put
- Shuttle Cock
- Chess
- Ludo
- BusinessGame
- Chess Board
- Relay Battons
- TT Net
- Basket Ball
- Yoga Mats
- Lawn Tennis Balls
- Lawn Tennis Racquets
- Medicine Ball
- Foot Ball
- Basket Ball
- Volley Ball
- Hand Ball
- Tonic Tube
- Carrom Board
- Chess







# Gitarattan Institute of Advanced Studies & Training

8(b)

(RECOGNISED & AFFILIATED)

## Status of Computer Labs

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S.No.	Parameters	Details
1.	Number and Configuration of Terminals	<p><u>Total - 65 , 25 computers (in lab)</u> working with WINDOW 10 original software.</p> <ul style="list-style-type: none"> <li>• 22 inches LED</li> <li>• 4GB RAM,</li> <li>• 1 TERA BITE HARD DISK</li> <li>• Wireless Keyboard Mouse</li> </ul> <p><u>12 Computers (in library &amp; admin)</u> with WINDOW 7</p> <ul style="list-style-type: none"> <li>• 2 GB RAM</li> <li>• 500 GB HDD</li> <li>• I3 CPU</li> </ul>
2.	Availability of Licensed Software	<ul style="list-style-type: none"> <li>• LICENSED VERSION WINDOWS 10 ( In 25 PC)</li> <li>• Microsoft office latest version</li> <li>• Acrobat Reader</li> <li>• Coral Draw</li> <li>• Flash Player</li> <li>• Hot Potato</li> <li>• Adobe Photoshop CS-3</li> </ul>
3.	Internet Connectivity	<ul style="list-style-type: none"> <li>• Aritel Broad band Connection with 50 mbps Speed</li> <li>• Connectivity with Static IP</li> </ul>
4.	Availability of Peripherals	<ol style="list-style-type: none"> <li>1. Printers – Laserjet, All in one , Normal, Network.</li> <li>2. Scanners – All in one, Laserjet.</li> <li>3. Photocopier + Scanner -- 03             <ol style="list-style-type: none"> <li>i) Cannon IR 2200</li> <li>ii) Rizo Maschine.</li> <li>iii) Canon LBP2900</li> </ol> </li> <li>4. Printer + Scanner – 4             <ol style="list-style-type: none"> <li>i) HP Lazer jet</li> <li>ii) HP Lazer Jet Pro MFP – M126nw</li> <li>iii) Hp brother printer.</li> <li>iv) iR C3020</li> </ol> </li> <li>5. BAR CODE MASCHINE : TSC</li> <li>6. COLOUR PRINTER</li> <li>7. SERVER</li> </ol>

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