Standards for Basic Medical Education in Kushtia Medical College

Basic subjects (Phase 1)

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Introduction

- This Self-Assessment Report (SAR) template has been prepared by **Bangladesh Medical Education Accreditation Council (BMEAC)**
- The purpose of this report is to provide an **in-depth evaluation of the institution's performance and practices**
- To set an alignment with the accreditation requirements of **World Federation for Medical Education (WFME)**

Goals



Principles set up to aid the Kushtia Medical College in quality enhancement

- Beneficence
- Morality
- Equality
- Accountability
- Confidentiality

Vision

- To take steps for making the medical education to be recognized nationally and internationally



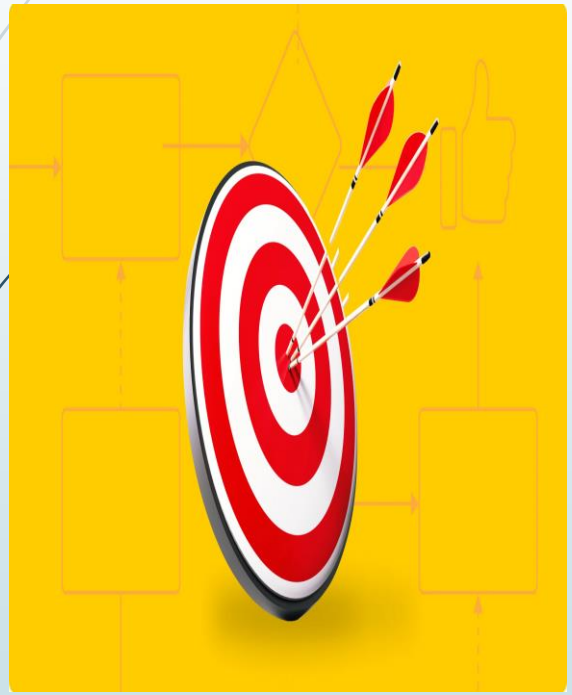
Objectives



The objectives of the BMEAC are to-

- **Improve** access to quality and affordable basic medical education
- **Promote** internal quality assurance procedures in basic subjects carried by the college itself
- **Encourage** and **assist** the medical college to improve at basic, preclinical and clinical subjects by repeated evaluation and self-assessment

Steps to reach the objectives

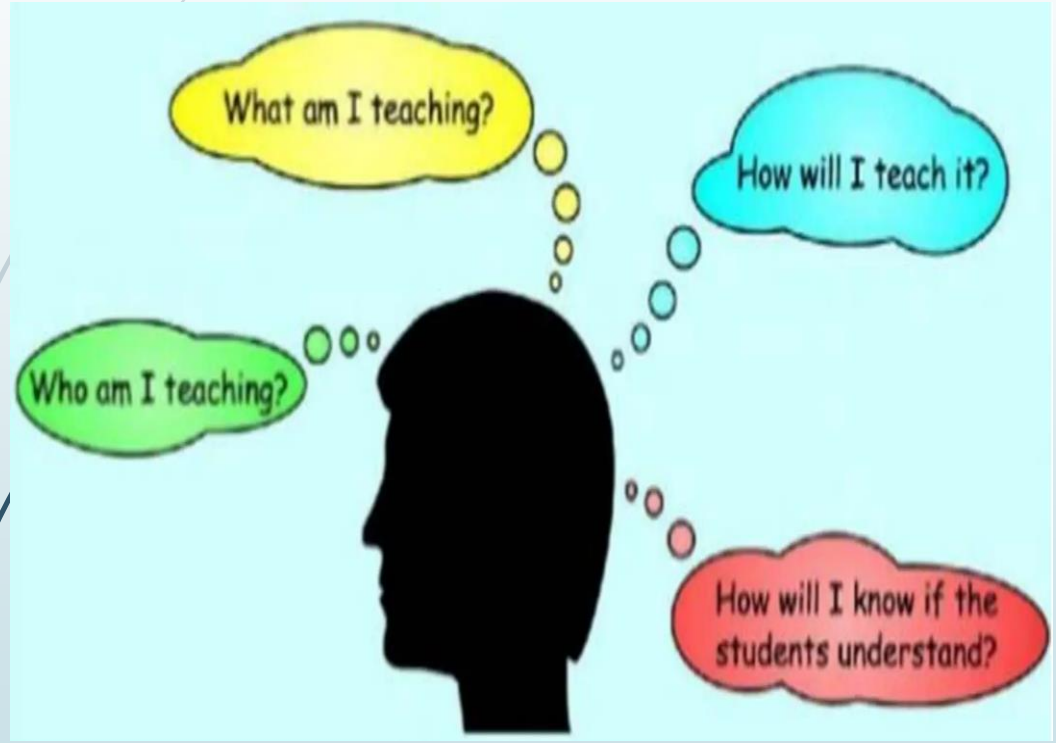


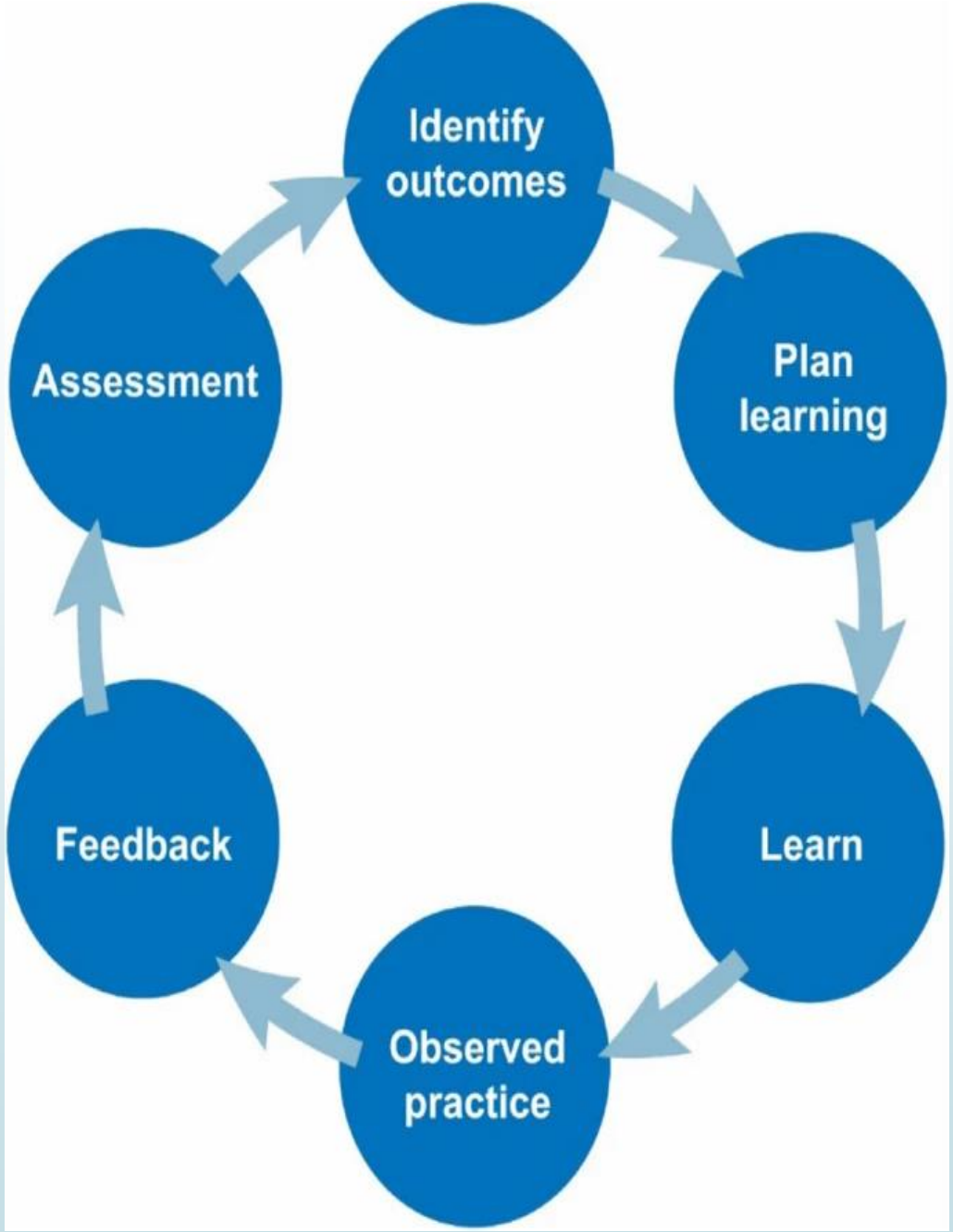
- To achieve the outcome the applied importance of knowledge of basic science should be emphasized
- To reach the demonstrating excellence by arrangement of hands on training, SGD and practical classes
- To fulfill the target ultimately a combination of vision, mission and goals should be practiced

Standards → What to do???

Mission	Already selected
Curriculum	BMDC has provided
Teaching learning	Might be improved by increasing facilities
Assessment of students	By applying effective interaction
Educational resources	OSPE, OSCE, PBQ, Assignments
Quality assurance	Using books and Journals and No guide books
Academic staffs	By ensuring more postings
Research and publication	By increasing funds for research
Governance and administration	Provided by DGME and MoME&FW
Continuous renewal	Should be adopted in future

Lesson plan


What am I teaching?
How will I teach it?
Who am I teaching?
How will I know if the students understand?


Identify outcomes
Plan learning
Learn
Observed practice
Feedback
Assessment

ACADEMIC CALENDAR for ANATOMY

Class/Exam	*Hours(including Class exams hrs)*	*First Term (14 working weeks)*	Evaluation & leave 04 weeks	*Second Term (15 working weeks)*	Evaluation & leave 04 weeks	*Third Term (14 working weeks)*	2.Evaluation & preparatory leave for first prof–08 weeks 1.Evaluation & preparatory leave for third term:03 weeks
Lecture and Review	**115**	• General Anatomy-12 hrs • Cell Biology -06 hrs • Human Genetics - 02 hrs • General Histology-10 hr • Systemic Histology – 02 hrs • General Embryology - 13 hrs • Neuroanatomy – 01 hrs		• General Histology-02 hr • Systemic Histology - 14 hrs • General Embryology - 05 hrs • Systemic Embryology- 17 hrs • Neuroanatomy – 02 hrs		a) General histology - 02 hr b) Systemic Histology -02 hrs c) Systemic Embryology - 07 hrs d) Neuroanatomy - 18hrs	
Tutorial/ Review	**53**	Thorax Card – 10 hrs Sup. Ext. Card – 09 hrs		Abdomen Card – 13 hrs Inf. Ext. Card – 08 hrs		Head & Neck Card –09 hrs C.N.S & Eyeball – 04 hrs	
Dissection	**301**	Thorax Card - 34hrs Sup Ext Card- 3hrs		Abdomen Card – 89hrs Inf. Ext. Card – 33hrs		Head & Neck Card – 77 hrs C.N.S & Eyeball Card - 35 hrs	
Card Completion Exam	**06**	Thorax Card- 01hrs Sup Ext. Card- 01hrs		Abdomen Card– 01hrs Inf. Ext. Card – 01hrs		Head & Neck Card –01 hrs C.N.S & Eyeball Card - 01 hrs	
Cell Biology & Histology-Tutorial/ Practical	**52**	Card I – 17hrs		Card II - 17hrs		Card III – 18 hrs	
Grand Total	**527**						

N.B.- Card completion examinations will be arranged on discussion with other departments (Physiology, Biochemistry)

Prerequisite for 1st professional examination

1. A Student must pass all term exam before appearing 1st professional exam.
2. Class attendance must be 75 %

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Academic Calendar for Physiology

		1st Term		2nd Term		3rd Term	
Teaching /Learning Method	**Teaching hours including Examination**	20 Working weeks	**EVA**	20 Working weeks	**EVA**	18 Working weeks	**EVA**
Lecture	120 Hours	GP- 05 hours Blood—15 hours CVS—18 hours	**LUA**	Resp. Physiology—12 hours GIT—10 hours Renal- 12 hours.	**LUA**	Endocrine & Reproduction—20 hours Nervous system & Body temp.—20 hours. Special Senses-08 hours.	**LUAT**
Tutorial	120 hours	GP—06 hours. Blood –16 hours. CVS—18 hours.	**TION**	Respiration—14 hours. GIT—08 hours. Renal —10hours.	**TION**	Endocrine & reproduction—20 hours. Nervous system & Body temp. –20 hours Special Senses—08 hours.	**ION**
Practical	100 hours.	GP—02 hours. Blood—36 hours.	**4WEEKS**	Blood— 12 hours CVS—18 hours. GIT—02 hours	**4WEEKS**	Respiration- 08 hours Renal – 02 hours Endocrine—02 hours Neuro physiology -08 hours Body temp—02 hours Special Senses--08 hours	**7WEEKS**

Academic Calendar for Biochemistry

First Term				
System(Two)	**Lectures**	**Tutorials**	**Practical**	**Seminar**
Card-1.Biophysics and biomolecules and	18 hrs.	25 hrs.	20 hrs.	2 hrs.
Card-2. Food and Nutrition	18 hrs.	15 hrs.	10 hrs.	1 hrs.
	36 hrs.	40 hrs.	30 hrs.	3 hrs.

Second Term				
System(Two)	**Lectures**	**Tutorials**	**Practical**	**Seminar**
Card-3.Digestion,absorption, bioenergetics and metabolism	29 hrs.	18 hrs.	25 hrs.	2 hrs.
Card-4.Bodyfluids, electrolytes,renal chemistry and acid base balance	20 hrs.	12 hrs.	20 hrs.	1 hrs.
	49 hrs.	30 hrs.	45 hrs.	3 hrs.

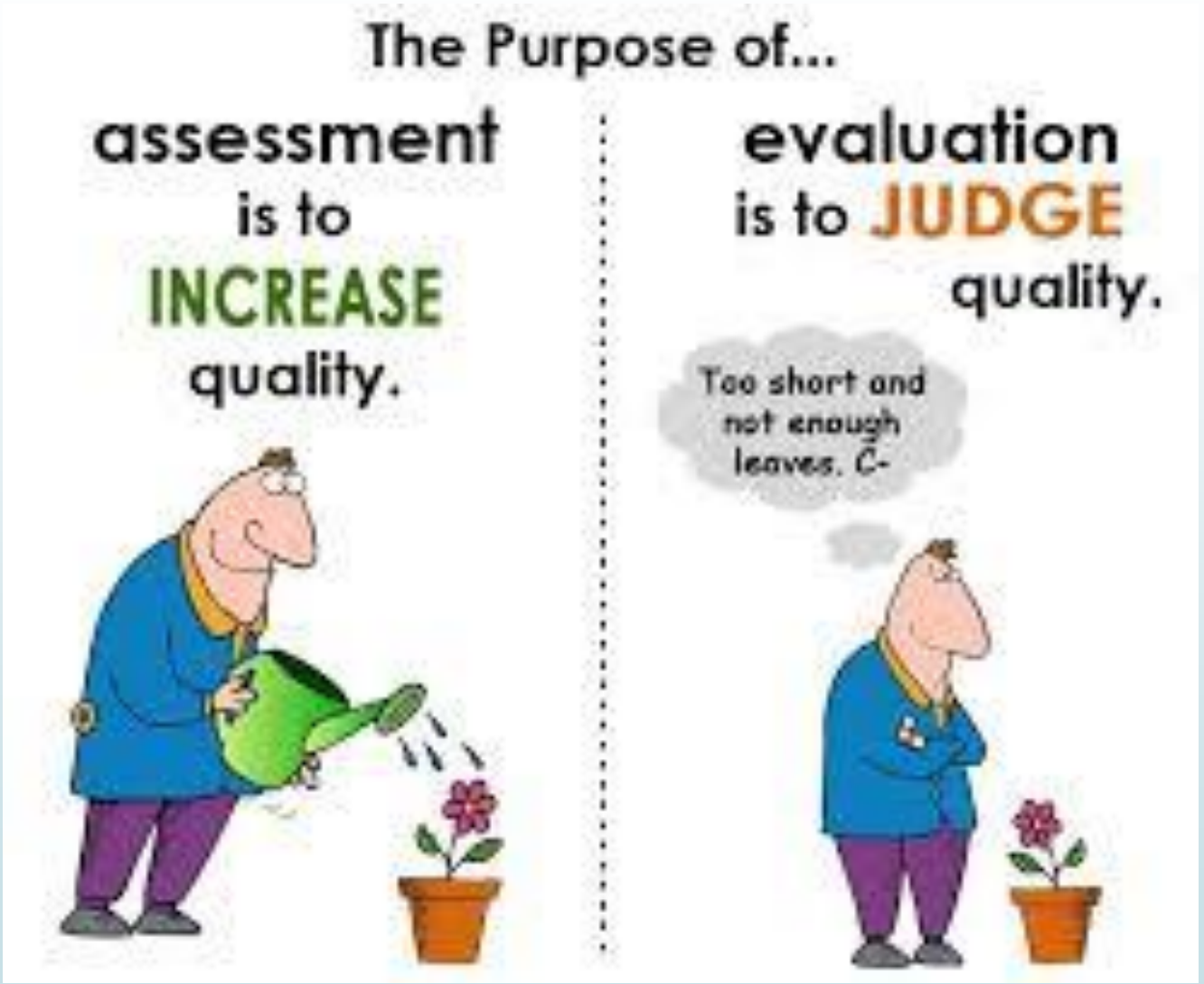
Third Term				
System (Three)	**Lectures**	**Tutorials**	**Practical**	**Seminar**
Card-5.Clinical biochemistry and clinical Endocrinology	14 hrs.	15 hrs.	20 hrs.	02 hrs.
	18 hrs.			
Card-6.Molecular Biology	32 hrs.	15 hrs.	05 hrs.	02 hrs.
		30 hrs.	25 hrs.	04 hrs.

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Learning objectives

Learning Objectives
General Anatomy Student will be able to • define anatomy and explain the subdivisions of anatomy. • describe the anatomical terminology, planes & positions. • define and classify bone. Describe the composition, blood supply, functions, ossification of bones with clinical correlation. • describe the composition, characteristics, location and functions of different types of cartilages. • define & classify joints. Describe the characters, stability & movements of joints with clinical correlation. • classify muscles. Describe their properties and functions. • define & classify blood vessels. • describe the different types of circulation. • describe different types of vascular anastomosis with their functional & clinical implications. • describe components, functions & the general plan of lymphatic drainage of the whole body. • classify lymphoid organs. Describe the functions of lymphoid organs with clinical significance.




The Purpose of...
assessment
is to
INCREASE
quality.
evaluation
is to JUDGE
quality.
Too short and not enough leaves. C-

Teaching and learning

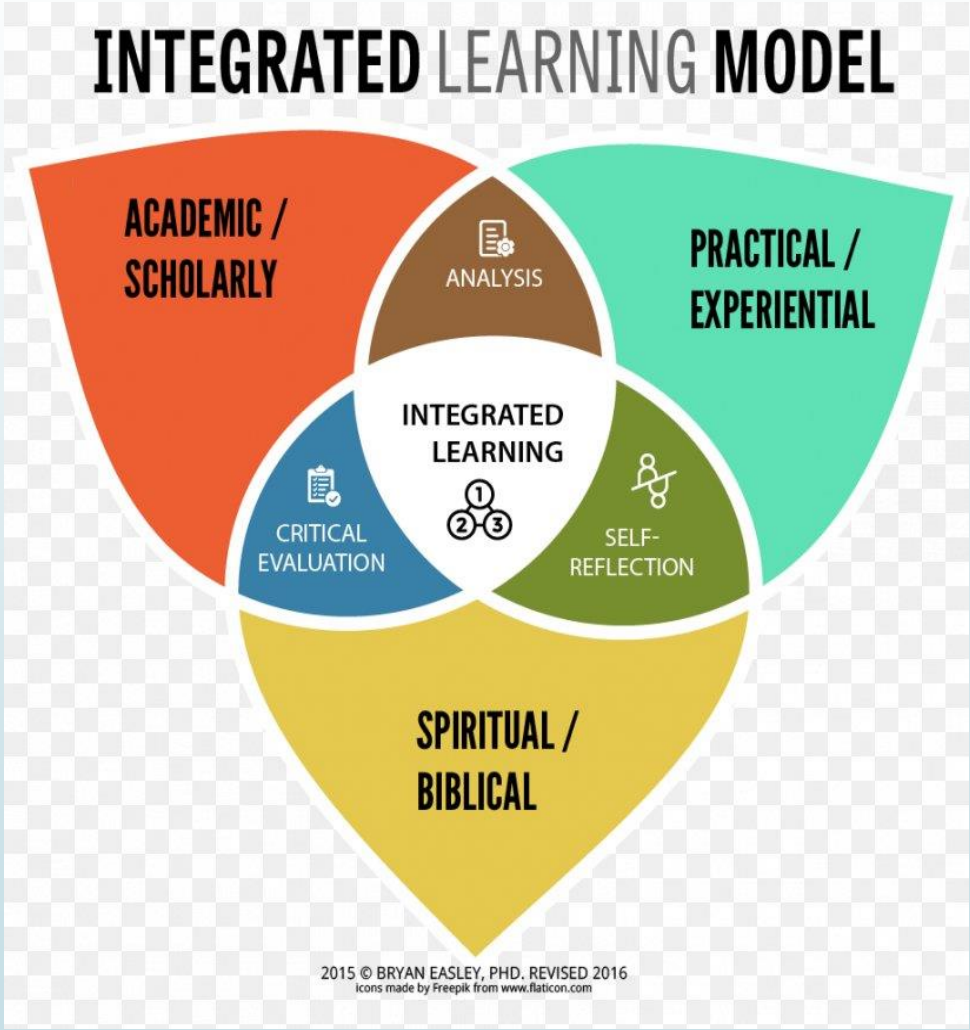
Teaching/learning methods, teaching aids and evaluation

Teaching Methods			Teaching aids	In course evaluation
Large group	**Small group**	**Self learning**		
Lecture Integrated teaching	Tutorial Practical Demonstration	Assignment, self assessment & self study.	Computer & Multimedia & other IT materials Chalk & board White board & markers OHP Slide projector Flip Chart Models Specimens projector Study guide & manuals.	Item examination (oral) Practical item examination (Oral & practical) Card completion examination (written) Term final Examination (Written, oral & practical)

Integrated teaching

Some topics for integrated teaching

- CAD
- COPD
- Anaemia
- Diarrhea
- DM
- Jaundice
- Electrolyte imbalance
- Proteinuria
- Thyroid disorder
- CVD
- Deafness
- Errors of refraction



Generic Topics on Medical Humanities

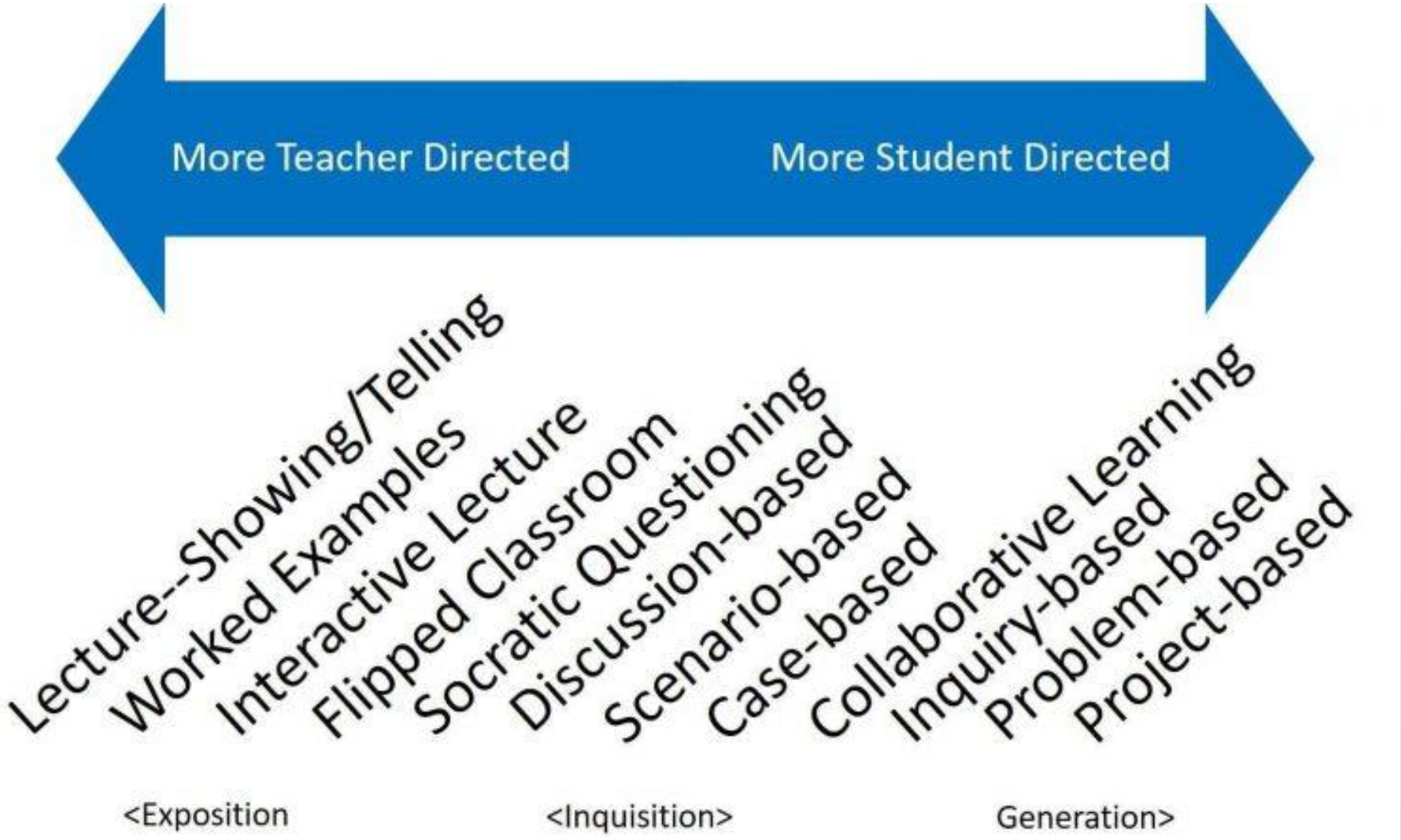


- White coat ceremony
- Career planning
- Continuing Medical Education (CME) & Continuing Professional Development (CPD)

Students service

- Academic counselling
- Remedial teaching
- Health services
- Financial aid
- Confidentiality
- Educational support
- Policy formulation
- Career guiding
- Implementation





* Teaching methods are chosen to accomplish specific objectives. Methods are not universally more or less effective; they are more or less appropriate for the learning objectives, the student needs, and different learning environments or modalities.

Physical facilities

- Proper space
- Perfect seating arrangement
- Sound examination hall
- Appropriate laboratory and museum
- Well set library and e-library
- Adequate recreational space
- Healthy catering and hostel facilities
- Available transportation
- Updated database of students


একাডেমিক কাউন্সিল মিটিং




Scientific Seminar on
"Epilepsy In Women"
Dr. Md. Shohidul Islam








বাংলা শুভ নববর্ষ ১৪৩২ উদ্‌যাপন উপলক্ষ্যে
আনন্দ শোভাযাত্রা
শিক্ষক সমিতি, কুষ্টিয়া মেডিকেল কলেজ, কুষ্টিয়া

Policy making

- SAR
- Quality assurance
- Governance and administration
- Leadership and responsibilities
- Continuous renewal

Self assessment report (SAR)

Basic Information

1. Name of Medical college/Institution:
2. Category of medical College: ☐ Govt. ☐ Non-Govt. ☐ Autonomous ☐ Other (specify):
3. Year of Establishment:
4. Address:
5. Medical college is located in ---

   ☐ Metropolitan area ☐ Urban area ☐ Rural area
6. College Website:
7. College E-mail ID:
8. College Land Phone Number:
9. College Mobile Number:
10. College Contact person:

    Designation: Phone/Mobile: Email:

e. Number of students approved & admitted per year:

Year	Session	Number of approved seats	Number of admitted student
1st year			
2nd year			
3rd year			
4th year			
5th year			
Total number of students			

*If number is more than the Government approved number in any year/session, mention the reason

f. Number of foreign students approved & admitted per year:

Year	Session	Number of approved seats	Number of admitted student
1st year			
2nd year			
3rd year			
4th year			
5th year			
Total number of students			

*If number is more than the Government approved number in any year/session, mention the reason

Self assessment report (SAR)

II. Students Support Service and Mental Health

a. Does the medical institution provide the students with accessible and confidential academic, social, psychological and financial support services?

Academic support services: ☐ *Yes* ☐ *No* ☐ *if yes, please attach evidence* *(mention composition & functions)* ☐ *if no, please state the reason*

Social support services: ☐ *Yes* ☐ *No* ☐ *if yes, please attach evidence* *(mention composition & functions)* ☐ *if no, please state the reason*

Psychological support services: ☐ *Yes* ☐ *No* ☐ *if yes, please attach evidence* *(mention composition & functions)* ☐ *if no, please state the reason*

Financial support services: ☐ *Yes* ☐ *No* ☐ *if yes, please attach evidence* *(mention composition & functions)* ☐ *if no, please state the reason*

b. As per Act, how many insolvent, meritorious students are admitted per year?

Please submit their names ---- *(Applicable for non Govt Medical College)*

Year	Session	Number of approved seats for insolvent, meritorious students	Number of admitted student for insolvent, meritorious students
1st year			
2nd year			
3rd year			
4th year			
5th year			
Total number of insolvents, meritorious students			

4. Teaching-learning

I. How does the medical institution provide effective teaching learning to the students? (may have multiple response)

- ☐ By weekly class routine compatible to curriculum ☐ if yes, *please attach evidence*
- ☐ By lesson plan ☐ if yes, *please attach evidence*
- ☐ By academic calendar ☐ if yes, *please attach evidence*
- ☐ By year calendar ☐ if yes, *please attach evidence*
- ☐ By small group teaching as in curriculum ☐ if yes, *please attach evidence*
- ☐ By large group teaching as in curriculum ☐ if yes, *please attach evidence*
- ☐ By evaluating each teaching session by students ☐ if yes, *please attach evidence*
- ☐ By training schedule compatible to curriculum ☐ if yes, *please attach evidence*
- ☐ Others (Please mention)

II. Does the medical institution practice integrated teaching learning as mentioned in MBBS curriculum 2021?

☐ Yes ☐ No ☐ if yes, *please attach evidence (class routine, lesson plan, name of the speakers, attendance, topics and summary, take home message of the session as assignment in practical note book and date& time of the last session)*

☐ *if no, please state the reason*

III. Does the medical institution have the provision of teaching learning of generic topics on medical humanities as mentioned in MBBS curriculum 2021?

☐ Yes ☐ No ☐ if yes, *please attach evidence (class routine & lesson plan, name of the speakers, attendance, topics and summary of the session and date & time of the last session)*

☐ *if no, please state the reason*

Self assessment report (SAR)

VII. Please mention the number of students passed in each professional examination in the last three (3) years.

Professionals		2022		2023		2024	
		May	Nov	May	Nov	May	Nov
1st Professional	Candidate appeared						
	Candidate passed						
2nd Professional	Candidate appeared						
	Candidate passed						
3rd Professional	Candidate appeared						
	Candidate passed						
4th Professional	Candidate appeared						
	Candidate passed						

6. Educational Resources

Educational Resources

I. Does the medical institution have the required number of teaching laboratories?

☐ Yes ☐ No ☐ *if yes, please attach evidence (total number, name of departments*

☐ *if no, please state the reason*

II. Are the laboratories of Department of Biochemistry, Pathology and Microbiology used as teaching laboratory as well as service laboratory? *(Name of lab, Name of in-charge, teaching facilities available and top page and content of lab manual)*

Department	Teaching Laboratory	Service Laboratory
Biochemistry	☐ Yes ☐ No	☐ Yes ☐ No
Pathology	☐ Yes ☐ No	☐ Yes ☐ No
Microbiology	☐ Yes ☐ No	☐ Yes ☐ No

III. Does the medical institution have cadaver and viscera in department of Anatomy?

☐ Yes ☐ No ☐ *if yes, please attach evidence*

☐ *if no, please state the reason*

Mention the student cadaver ratio: ……..

IV. Does the medical institution have a library?

☐ Yes ☐ No ☐ *if yes, please attach evidences*

☐ *if no, please state the reason*

a. Number of seats in reading space

- For Students:
- For Teachers:

b. Number of users (book issued) per day

c. Number of users (reading space) per day

d. Working hours:

Thank you

