

**NEW YORK CITY COLLEGE OF TECHNOLOGY
OF THE CITY UNIVERSITY OF NEW YORK**

POST OBSERVATION CONFERENCE MEMORANDUM

Date of Discussion 5-29-2023

Observation date 5-2-2023

Candidate's Name: Subhendra Sarkar

Department Radiologic Technology & Medical Imaging

Representatives Present _____

Course & Section RAD 4826/OL18 Advance Imaging II

Name of Observer Evans Lespinasse

Name of Observee Subhendra Sarkar

Date Observation Filed with Chairperson 5-29-23

P&B member or other assigned by chairperson

(Attach additional pages if necessary.)

Signed Subhendra Sarkar _____ Associate Professor
Title

I understand that my signature means only that I have read this memorandum and that I may attach any comments I wish.

Staff Member's Signature Subhendra Sarkar _____ 5-29-23
6/96 date

**NEW YORK CITY COLLEGE OF TECHNOLOGY
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FACULTY CLASS ROOM OBSERVATION REPORT Year 2023

Untenured

Tenured

Department: Radiologic Technology & Medical Imaging **Course/Section** RAD 4826/OL18

Name of Observee: Sarkar, Subhendra **Rank:** Assoct. Professor
Last Name, First Name

Name of Observer: Lespinasse, Evans **Rank:** Assist. Professor

Date of Observation: 5-2-2023 **Room:** Online

Lesson Topic & Brief Summary: Multi modal breast imaging - relation, techniques & pathology.

Please complete each item. This report will be returned unless each category contains supporting comments. Use additional pages if necessary.

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1. CLASSROOM MANAGEMENT (prompt start, efficient attendance check):
(x) Satisfactory **() Unsatisfactory**

Dr. Sarkar opened the Zoom classroom early as students began to join in. Students were asked to introduce themselves with a brief synapses of their educational plan in the BSRS program.

Students were called by name during instructor/student interactions. Attendance check was not observed, however, the Zoom platform does provide access to documentation of students' participation.

2. PROFESSIONAL TRAITS (professional appearance and demeanor, clarity, volume, and pace of speech; establishment of rapport with students)
(x) Satisfactory **() Unsatisfactory**

Dr. Sarkar presented a professional appearance and demeanor. He communicated clearly and efficiently got his message across. He paced himself well, not too fast and not too slow, with sufficient volume that eliminated any barrier keeping participants from hearing him. The instructor illustrated good rapport with the students right from the start. Overall, an excellent learning environment observed.

3. **SUBJECT MASTERY (accuracy of presented material, use of appropriate terminology, competence in use of equipment)**
Excellent Very Good Satisfactory Unsatisfactory

Dr. Sarkar discussed medical imaging of the breast now and future prospects in various modalities including CT, MR and Mammography. Specifically, imaging leaders must understand breast anatomy and pathophysiology, as well as how different types of imaging equipment compare with each other in order to run a successful office and satisfy exam demands. Mammography equipment filtration with the use of a rhodium vs. a molybdenum target demonstrates that molybdenum generates a higher energy x-ray. Also a profile of x-ray in mammography using the tungsten target characteristic x-ray from the L-shell was beautifully illustrated and thoroughly discussed. All of these comparisons are necessary for the radiology leadership to know and understand which machine to acquire for their department. This was done with excellence, demonstrating deep knowledge of the subject.

4. **ORGANIZATION AND DEVELOPMENT OF MATERIAL (clear statement of objectives, logical sequence, budgeting of time, review, summary, and outside assignments as appropriate)**
Excellent Very Good Satisfactory Unsatisfactory

Dr. Sarkar presented a well developed and organized presentation with clear and logical structure that guided the students through his main ideas. He consistently followed each point with evidence, examples and an analysis to support each claim. Objectives were stated at the beginning of class with some background information and he exhibited good time management. Review/summary observed with nice projections of what comes next.

5. **PRESENTATION OF MATERIAL (level and clarity of presentation, appropriate use of learning aids)**
Excellent Very Good Satisfactory Unsatisfactory

Presenting to a class that consists of students from differing medical imaging expertise ie: Mammography, CT, MRI, Ultrasound, Nuclear Medicine, and Radiation Therapy, is not an easy task. When this is coupled with having to explain complex or unfamiliar concepts to such an audience that may not share the same level of expertise in their respective professional disciplines, it can really be a challenge. However, Dr. Sarkar was able to balance depth and clarity exceedingly well.

6. **STUDENT-INSTRUCTOR INTERACTION (relevance, variety, and clarity of questions, appropriate recognition of student contributions)**
Excellent Very Good Satisfactory Unsatisfactory

Dr. Sarkar was able to instruct fluently without overwhelming or confusing the

audience. Questions and discussions were relatable to the subject matter. However, I would have liked to see more student engagement throughout. Students communicated more in the beginning of session and not so much thereafter.

7. OVERALL EVALUATION (categories 1 through 6)

- Excellent
- Very Good
- Satisfactory
- Unsatisfactory

8. SPECIFIC RECOMMENDATIONS FOR IMPROVEMENT (use additional pages if necessary)

Dr. Sarkar delivered a meaningful presentation that I enjoyed very much. His expertise on the subject was evident as he lectured with confidence, poise, and passion. The students appeared to be completely satisfied with the new knowledge imparted on them. My only recommendation for improvement is as follows:

1. Work on student engagement during the lecture by:
 - Preparing a few questions about your favorite points to ask the students to stimulate more participation/discussion.
 - Allowing or budgeting time at the end for Q & A

I have read and have been given a copy of the above report, and so signify by my signature below. I understand that I may attach additional comments to this document.

Trans Spina 5/29/23

Signature of Observee date

Subhendra Sarkar 5/29/23

Signature of Observer date