

Netaji Subhash Engineering College

Student Feedback Form

Stream: <u>BME</u>	Session: <u>2015-2019</u>	Semester: <u>6th Sem</u>	Section: <u>-</u>
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Subject & Paper Code : BME602Name of Teacher: Dr. Sukumar Roy

(Use pen. Tick chosen box for Q.1 to Q.10. Write your opinion in boxes for Q.11 & Q.12 .)

1	Coverage of the syllabus by the teacher	: <u>More than 80%</u>	50% - 80%	Less than 50%
2	Regularity and punctuality of the teacher in taking classes	: <u>Very much</u>	Fairly well	Not so much
3	Encouraging students' participation in the class room	: <u>Yes, Always</u>	Fairly well	Not so much
4	Willingness of the teacher to clear doubts of students	: <u>Yes, Fully</u>	Partially	Not so much
5	Clarity of content of lectures by the teacher	: <u>Self explanatory</u>	Partially	Not so much
6	Teacher's guidance to explain your mistakes in class, assignments, unit test etc.	: <u>Yes, Always</u>	Partially	Not so much
7	Number of assignments/homework given	: <u>More than one</u>	One	None
8	Communication skill and delivery of the teacher	: <u>Attractive</u>	Partially attractive	Not attractive
9	Modern Teaching Aids Used (projector, sound system etc)	: <u>Adequately used</u>	<u>More Technological Aids required</u>	Not required for this subject
10	Topics discussed beyond the syllabus	: <u>Very much</u>	<u>Sometimes</u>	Never

11. Specify the strengths of this teacher that you liked most:

Explanation Skills and eagerness to clear doubts of all.

12. Suggestions to improve the teaching (if any):

None

Sukumar Roy
Signature of the Faculty
08/5/2018

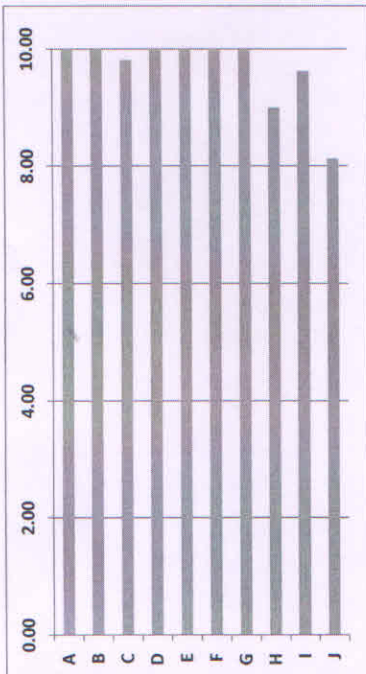
Netaji Subhash Engineering College

Student Feedback Aggregation Form

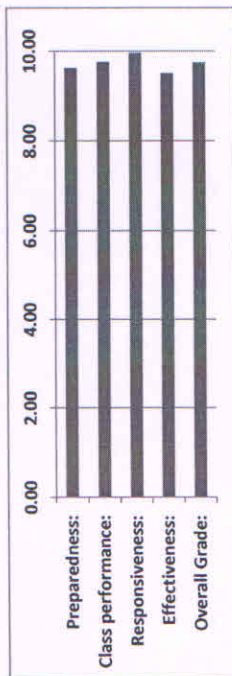
Faculty: Dr. Sukumar Roy Dept: BME
 Course: Medical Imaging Techniques Code: BME-603 Module: All
 Students: Dept: BME Year: 3 Section: 1

Do not input any data in red cells

No.	Parameters	Inputs			Avg.
		Nx	Ny	Nz	
A	Coverage of the syllabus by the teacher	16	0	0	10.00
B	Regularity and punctuality of the teacher in taking classes	16	0	0	10.00
C	Encouraging students' participation in the class room	15	1	0	9.81
D	Willingness of the teacher to clear doubts of students	16	0	0	10.00
E	Clarity of content of lectures by the teacher	16	0	0	10.00
F	Teacher's guidance to explain your mistakes in class, assignments, unit test etc.	16	0	0	10.00
G	Number of assignments/homework given	16	0	0	10.00
H	Communication skill and delivery of the teacher	12	4	0	9.00
I	Modern Teaching Aids Used (projector, sound system etc)	12	3	1	9.63
J	Topics discussed beyond the syllabus	9	6	1	8.13



Preparedness: 9.63
 Class performance: 9.76
 Responsiveness: 9.96
 Effectiveness: 9.51
 Overall Grade: 9.75



20/08/2018

Prof. (Dr) SUKUMAR ROY
 Head of Bio-Medical Engineering College
 Netaji Subhash Engineering College
 Techno City, Garia,
 Kolkata - 700152





DEPARTMENT OF BIOMEDICAL ENGINEERING

GRADUATE EXIT SURVEY

[The primary purpose is to obtain information about students' satisfaction with a range of academic, co-academic experiences and performances during graduation. Your opinions are very valuable to us and could form the basis of significant improvements to the content and delivery of graduate education.]

Name of the Student : Sudita HazraGender (M/F) : FAcademic Session : 2012-16Contact Number : -E-mail ID : -**A. Please indicate how much you agree with the statements.**

[Rate as: 3 = Strongly Agree; 2 = Agree; 1 = Disagree]

Please tick (✓) appropriately		1	2	3
1.	Well exposure to Vision, Mission, Program Educational Objectives, Program Outcomes & Program Specific Outcomes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Information about career prospects for graduate in the field.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Program's curriculum is broad enough to meet the needs and preparation for career of choice.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	The course content is up to date and courses outcomes are well defined.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Program actively encourages exploring a broad range of career options.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Receive ongoing, constructive feedback on progress towards degree from advisor and/or faculty	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	Teaching assistants are appropriately trained & teaching and learning methods are motivating.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.	The learning materials, resources and assessment are good.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.	Receive training and professorial responsibilities via coursework or seminars.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.	Receive career guidance, planning services, placement assistance and job research support.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11.	Feel comfortable in talking and satisfied with the quality of time spent with advisor / mentor.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12.	Supportive student community in the program and students are treated with respect.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13.	I believe that my graduate department challenged me intellectually	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

B. Please rate the following skills, abilities or attributes in terms of their importance, and state how well your education at Netaji Subhash Engineering College prepared you for these.

[Rate as: 3 = Well prepared; 2 = Prepared; 1 = Can't evaluate]

Please tick (✓) appropriately		1	2	3
1.	Apply knowledge of mathematics, science, biology, engineering fundamentals and specialization.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Identify, formulate and solve engineering problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Design a systems, components or processes to meet desired needs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Design and conduct experiments, as well as analyze and interpret data.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Ability to use state of the art techniques and tools for engineering practice.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.	Apply contextual knowledge to assess societal, health, safety, legal and cultural issues.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.	Understand and appreciate the impact of engineering in the societal and global contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.	Understand professional and ethical responsibilities.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9.	Function effectively as an individual/or in team.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.	Communicate effectively (oral and written).	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.	Aware of contemporary issues (economics of engineering & environmental issues, etc)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12.	Be aware of the need for, and engage in life-long learning to the broadest context of technological change.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

C. Would you recommend BME program of NSEC to a friend or a relative?☐ Strongly recommend☒ Recommend☐ Don't recommend**D. Comments (if any):**

Sudita Hazra 1/7/16
(Signature with date)

**Department of Biomedical Engineering
Netaji Subhash Engineering College**

Program Assessment from Graduate Exit Survey

2015-2016

Sl. No	Parameters	No. of students			Attainment Level
		1	2	3	
1	Well exposure to Vision, Mission, Program Educational Objectives, Program Outcomes & Program Specific Outcomes.	0	4	18	2.82
2	Information about career prospects for graduate in the field.	0	4	18	2.82
3	Program's curriculum is broad enough to meet the needs and preparation for career of choice.	0	4	18	2.82
4	The course content is up to date and courses outcomes are well defined.	0	4	18	2.82
5	Program actively encourages exploring a broad range of career options.	0	4	18	2.82
6	Receive ongoing, constructive feedback on progress towards degree from advisor and/or faculty	0	3	19	2.86
7	Teaching assistants are appropriately trained & teaching and learning methods are motivating.	0	5	17	2.77
8	The learning materials, resources and assessment are good.	0	6	16	2.73
9	Receive training and professional responsibilities via coursework or seminars.	0	4	18	2.82
10	Receive career guidance, planning services, placement assistance and job research support.	0	2	20	2.91
11	Feel comfortable in talking and satisfied with the quality of time spent with advisor / mentor.	1	3	19	2.78
12	Supportive student community in the program and students are treated with respect.	0	7	15	2.68
13	I believe that my graduate department challenged me intellectually	0	6	16	2.73

Dr. S.Roy
HOD, BME



DEPARTMENT OF BIOMEDICAL ENGINEERING
Netaji Subhash Engineering College
Techno City, Garia, Kolkata-700152

ALUMNI FEEDBACK FORM

Name of the Alumni: Ashiruddha Chakraborty

Degree obtained: B Tech in Biomedical Engineering.

Year of graduation: 2014

Present Institution / Organization : wipro GE (credit services)

Tick the appropriate options

1. Are you working in an organization under a

<input checked="" type="checkbox"/> Private sector	<input type="checkbox"/> Public sector	<input type="checkbox"/> Self employed
<input type="checkbox"/> Pursuing higher studies	<input type="checkbox"/> Academic position	<input type="checkbox"/> None
2. Are you affiliated to an organization under

<input checked="" type="checkbox"/> Core engineering	<input type="checkbox"/> IT sector	<input type="checkbox"/> Allied fields
<input type="checkbox"/> Academic institution	<input type="checkbox"/> Administrative	<input type="checkbox"/> Others (specify)
3. What is your current position in your organization?

<input checked="" type="checkbox"/> Junior level	<input type="checkbox"/> Senior level	<input type="checkbox"/> Top level
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4. The type of work you are doing relates to

<input checked="" type="checkbox"/> Engineering	<input type="checkbox"/> Managerial	<input type="checkbox"/> Research and development
<input type="checkbox"/> Software development	<input type="checkbox"/> Others (specify)	
5. Have you attended professional meetings / seminars / conferences? Yes / No ☒
6. Do you possess any Intellectual Property Right? If yes, which type? Yes / No ☒

<input type="checkbox"/> Copyright of a book	<input type="checkbox"/> Patent – filed / granted	<input type="checkbox"/> Others (specify)
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7. Are you working towards / awarded another degree? If yes, which type? Yes / No ☒

<input type="checkbox"/> Technical	<input type="checkbox"/> Professional
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8. Are you affiliated to any professional society since graduation? Yes / No ☒
9. Are you pursuing higher studies and research as your career? Yes / No ☒
10. Do you have any research publication? If yes, Yes / No ☒

<input type="checkbox"/> Conference	<input type="checkbox"/> Journal	<input type="checkbox"/> Part or whole book
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11. Have you received any award since graduation? If yes, Yes / No ☒

<input type="checkbox"/> Professional achievement	<input type="checkbox"/> Academic achievement	<input type="checkbox"/> Others (specify)
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12. Are you connected with any social organization? Yes / No ☒
13. Have you contributed towards improvement of the society? If yes, Yes / No ☒

<input type="checkbox"/> Citizen in general	<input type="checkbox"/> Employer in generation	<input type="checkbox"/> Economically weaker section
<input type="checkbox"/> Protection of environment	<input type="checkbox"/> Conduction of awareness programmes for societies at large.	
14. Do you feel the programme educational objectives were well designed for achievement of your career aspiration?

<input checked="" type="checkbox"/> Strongly	<input type="checkbox"/> Medium way	<input type="checkbox"/> Nominally
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Ashiruddha Chakraborty 2/2/14
 (Signature with date)

Department of Biomedical Engineering
Netaji Subhash Engineering College

Assessment of Alumni Survey

2015-2016

Sl. No	Parameters	Correlation with PEO	Correlation with PO	Count number			Indirect Attainment
				1	2	3	
1	Working in an Organization	PEO2	PO1	6	0	12	2.33
2	Nature of Organization	PEO1	PO2-PO5	6	0	12	2.33
3	Present Position in a Organization	PEO5	PO11	0	8	10	2.56
4	Nature or types of work	PEO4	PO9	7	3	8	2.06
5	Core professional activities	PEO1	PO10	0	5	13	2.72
6	IPR related issues	PEO3	PO8	0	16	2	2.11
7	Awarded higher degree	PEO3	PO12	0	8	10	2.56
8	Professional Society activities	PEO5	PO6	0	15	3	2.17
9	Pursuing higher studies or research	PEO3	PO12	0	9	9	2.50
10	Research publication	PEO3	PO4	0	8	10	2.56
11	Awards and honours -academic / professional	PEO5	PO7	0	3	15	2.83
12	Social services or community services	PEO5	PO6	0	4	14	2.78
13	Contribution to the society	PEO2	PO7	0	2	16	2.89
14	Achievement of career aspiration	PEO5	PO6	0	3	15	2.83

Dr. S.Roy
HOD, BME



**GUARDIAN SURVEY**

[The primary purpose is to obtain information about guardians' satisfaction with a range of academic, co-academic experiences, performances during and after graduation. This opinion is very valuable for significant improvements to the content and delivery of graduate education.]

Name of the Guardian: Lapan Kumar Biswas

Gender (M/F): M.

Students Name (Academic Session): Shubham Biswas (2012-2016)

Tick (✓) the appropriate options

1. How much you satisfied with your child's performance?

- ☒ Highly satisfied
☐ Moderately satisfied
☐ Not up to the mark

2. Has College any contribution to his /her performance?

- ☐ 100% contribution
☒ Contribution not more than 50%
☐ Very small contribution

3. Are you satisfied with the placement strategy of the college?

- ☐ Highly satisfied
☒ Moderately satisfied
☐ Not up to the mark

4. Do you think that the education and grooming provided by the college has improved his/her confidence and personality?

- ☒ Definitely
☐ Better than before
☐ Not so much

5. Do you think that your child has become more disciplined after joining the program?

- ☒ Definitely
☐ Better than before
☐ Not so much

6. Do you agree with the institutional as well as departmental Mission and Vision?

- ☐ Absolutely
☒ Fairly
☐ Not at all

Please provide suggestions if any,

Biswas.

(Signature with date)

**Department of Biomedical Engineering
Netaji Subhash Engineering College**

Analysis of Guardian Survey

2015-2016

Sl. No.	Parameters	Corelation	Count number			Indirect Attainment
			1	2	3	
1	Level of satisfaction with your child's performance	All POs	0	3	9	2.75
2	College contribution to child's performance	M	0	6	6	2.50
3	Placement assistant and strategies	M	0	8	4	2.33
4	Grooming and improvement in confidence and personality	PO1-PO5	0	2	10	2.83
5	Imbibing discipline and overall development	PO6-PO12	0	5	7	2.58
6	Departmental & Institutional vision and missission	V & M	0	7	5	2.42

Dr. S.Roy
HOD, BME



**EMPLOYER SURVEY**

[The purpose is to assist the Biomedical Engineering Department in assessing its performance in providing a quality healthcare engineering education by receiving feedback from employers on their experiences working with and supervising our graduates. We consider your opinions as essential to the continued improvement of the quality of our undergraduate program in Biomedical Engineering, and we appreciate your time in filling out this survey.]

Name of the Person: Mr. Debakar Sil

Name of the Organization / Company: Wipro Biomedical

Designation: Area Service Manager

1. Compared to other hired for the same work, Biomedical Engineering (BME) graduates of Netaji Subhash Engineering College (NSEC) are well prepared in or show potential.

[Please rank on a scale from 1 to 5, where 1 is POOR and 5 is EXCELLENT]

		1	2	3	4	5
1.	Engineering and Computation Knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Technical and Practical Knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Design and Developmental Skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Analyzing, Interpreting and Reporting skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.	Knowledge of Current Techniques or Tools	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Professional Responsibilities and Customer Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	Social, Cultural and Environmental Responsibilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.	Commitment of Professional and Ethical Responsibilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9.	Team Work and Leadership Qualititis	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Written and Oral Communication Skills	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Management of Organizational Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Accept responsibility for consequences of actions (flexibility, creativity, empathy, reliability, integrity, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Overall, NSEC BME graduates are good candidates for employment. ☒ Yes ☐ No
3. Would you recommend hiring BME graduates from NSEC? ☒ Yes ☐ No
4. How long have you been connected with NSEC BME graduates?
☐ Less than one year ☒ 1-3 years ☐ 4-6 years ☐ More than 6 years
5. What additional preparation would you like future NSEC BME graduates? Please specify

6. Please provide any additional comments, if you wish.

DSil

(Signature with date)

**Department of Biomedical Engineering
Netaji Subhash Engineering College**

Indirect Assessment (IA) from Employers Survey

2015-2016

Sl. No.	Parameters	Correlation with POs	Count number			Indirect Attainment
			1	2	3	
1	Engineering and Computation Knowledge	PO1	0	0	7	3
2	Technical and Practical Knowledge	PO2	0	0	7	3
3	Design and Developmental Skills	PO3	0	0	7	3
4	Analyzing, Interpreting and Reporting skills	PO4	0	2	5	2.71
5	Knowledge of Current Techniques or Tools	PO5	0	3	4	2.57
6	Professional Responsibilities and Customer Services	PO6	0	2	5	2.71
7	Social, Cultural and Environmental Responsibilities	PO7	0	1	6	2.86
8	Commitment of Professional and Ethical Responsibilities	PO8	0	2	5	2.71
9	Team Work and Leadership Qualititis	PO9	0	4	3	2.43
10	Written and Oral Communication Skills	PO10	0	2	5	2.71
11	Management of Organizational Resources	PO11	0	1	6	2.86
12	Accept responsibility for consequences of actions (flexibility, creativity, empathy, reliability, integrity, etc)	PO12	0	0	7	3.00

Dr. S.Roy
HOD, BME

