

Indian Institute of Science

BANGALORE

TRANSCRIPT

Bachelor of Science (Research)

NAME : Sagnik Dasgupta

SRNO

11-01-00-10-91-14-1-10947

Undergraduate Programme

SESSION

2014-2015

TERM

August-December 2014

| COURSE CODE | COURSE -TITLE | | CREDIT | GRADE |
|-----------------|---|---|--------|--------|
| UB 101 | Introductory Biology I | | 2:1 | A |
| UC 101 | Physical Principles of Chemistry | | 2:1 | Α |
| UE 101 | Algorithms and Programming | | 2:1 | Α |
| UH 101 | Ways of Knowing | | 2:0 | Α |
| UM 101 | Analysis and Linear Algebra I | a · · · · · · · · · · · · · · · · · · · | 3:0 | В |
| UP 101 | Introductory Physics I | | 2:1 | A |
| | | | | |
| *PERFORMANCE IN | N CURRENT TERM* CREDITS: 17 | GP: 116 | TGP | A: 6.8 |
| | with the second | | | |

ASSISTANT REGISTRAR
ACADEMIC

W: Withdrawn TGPA: Term Grade Point Average CGPA: Cumulative Grade Point Average Maximum: 8.0



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| COURSE CODE | COURSE -TITLE | | | | CREDIT | GRADE |
|---------------------------|--|---------------------------------------|------------|---------|-----------------|-------------------|
| UB 102 | Introductory Biology II | | | | 2:1 | С |
| UC 103 | Basic Inorganic Chemis | stry | | | 2:1 | C |
| UE 102 | Introduction to Electric | al and Electronics E | ngineering | | 2:1 | A |
| UH 102 | Ways of Seeing | | | | 2:0 | A |
| UM 102 | Analysis and Linear Al | gebra II | | | 3:0 | В |
| UP 102 | Introductory Physics II | | | | 2:1 | В |
| ====== *PERFORMANCE II | = = = = = = = = = = = | = = = = = = = = = = = = = = = = = = = | <u> </u> | GP: 101 | — — — — TGPA | : == == A: 5.9 |
| *PERFORMANCE II | N PREVIOUS TERM* | CREDITS: | 17 | GP: 116 | CGPA | A: 6.8 |
| ====== *CUMULATIVE PE | ====================================== | — — — — — CREDITS: | 34 | GP: 217 | — — — — CGPA | = = = = A: 6.4 |

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Undergraduate Programme SESSION : 2015-2016

TERM : August-December 2015

| COURSE CODE | COURSE -TITLE | | ••••••••••• | | CREDIT | GRADE |
|-------------------|---------------------------------------|------------------------|--|---------|----------|--------|
| UB 201 | Introductory Biology - II | Ι | | | 2:1 | В |
| UC 206 | Basic Organic Chemistry | 7 | | | 2:1 | В |
| UE 200 | Introduction to Earth and | d its Environment | | | 2:0 | В |
| UE 202 | Introduction to Materials | Science | | | 2:0 | В |
| UH 203 | Ways of Doing | | | | 2:0 | A |
| UM 201 | Probability and Statistics | 3 | | | 3:0 | В |
| UP 201 | Introductory Physics III | | | | 2:1 | В |
| | | | === | | | |
| *PERFORMANCE IN C | CURRENT TERM* | CREDITS: | 18 | GP: 110 | TGPA | A: 6.1 |
| *PERFORMANCE IN I | PREVIOUS TERM* | CREDITS: | 34 | GP: 217 | CGPA | A: 6.4 |
| *CUMULATIVE PERF | = = = = = = = = = = = = = = = = = = = | = == == == CREDITS: | <u>=====================================</u> | GP: 327 | CGP/ | A: 6.3 |

ASSISTANT REGISTRAR ACADEMIC

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Other Details overleaf

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| COURSE CODE | COURSE -TITLE | | | CREDIT | GRADE |
|--|---------------------------------------|----------------------------|---------|---------------------|-------|
| ST 201 | Thermochemical and biologic | al energy recovery from b | iomass | 3:0 | Α |
| UES 204 | Fundamentals of Climate Scie | nce | | 3:0 | A |
| UH 204 | Seminar Course (Mapping Ind | lia Through the Folk Arts) | | 1:0 | S |
| UMT 202 | Structure of Materials | | | 2:1 | S |
| UMT 203 | Materials Thermodynamics | | | 3:0 | В |
| UMT 303 | Mechanical Behaviour of Mate | erials | | 3:0 | S |
| | | | | | === |
| *PERFORMANCE IN O | CURRENT TERM* | CREDITS: 16 | GP: 116 | TGPA: | 7.3 |
| *PERFORMANCE IN I | PREVIOUS TERM* | CREDITS: 52 | GP: 327 | CGPA: | 6.3 |
| ====================================== | = = = = = = = = = = = = = = = = = = = | CREDITS: 68 | GP: 443 | = == == == CGPA: | 6.5 |
| | | | | ==== | === |

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Undergraduate Programme SESSION : 2016-2017

TERM : August-December 2016

| COURSE CODE | COURSE -TITLE | | | CREDIT | GRADE |
|--|----------------------------------|---------------------------------------|---------|-----------------|---------------------------------------|
| IN 214 | Semiconductor Devices and Circu | | | 3:0 | В |
| MT 235 | Corrosion Technology | | | 3:0 | C |
| MT 260 | Polymer Science and Engineering | | | 3:0 | С |
| NE 241 | Material Synthesis: Quantum Dot | ts To Bulk Crystals | | 3:0 | В |
| UH 301 | Seminar Course (Journalism for S | Scientists) | | 1:0 | Α |
| UMT 301 | Materials Kinetics | | | 3:0 | В |
| UMT 312 | Mechanical Testing of Materials | | | 1:1 | Λ |
| == = = = = = = = = = = = = = = = = = = | = | = = = = = = = = = = = = = = = = = = = | GP: 105 | = = = = TGPA | = = = = = = = = = = = = = = = = = = = |
| *PERFORMANCE IN PR | REVIOUS TERM* | CREDITS: 68 | GP: 443 | CGPA | A: 6.5 |
| *CUMULATIVE PERFC | RMANCE* | CREDITS: 86 | GP: 548 | | = == == a: 6.4 |

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S R NO

11-01-00-10-91-14-1-10947

Undergraduate Programme

SESSION

2017-2018

TERM

January-April 2017

| COURSE CODE | COURSE -TITLE | | | CREDIT | GRADE |
|--------------------|--|----------------------|---------------------|--------------|-------|
| MT 233 | Introduction to Electrochemical I | Engineering | | 3:0 | В |
| MT 261 | Organic Electronics | | | 3:0 | Α |
| MT 271 | Introduction to Biomaterials Scie | ence and Engineering | | 3:0 | A |
| UH302 | Introduction to Governance | | | 1:0 | A |
| UMT302 | Introduction to Materials Process | ing | | 2:1 | Α |
| UMT309 | Functional Properties of Material | S | | 3:0 | В |
| UMT310 | Introduction to Materials Manufa | cturing | | 2:1 | В |
| ===== | | ===== | | === | === |
| *PERFORMANCE IN CU | JRRENT TERM* | CREDITS: 19 | GP: 124 | TGPA: | 6.5 |
| *PERFORMANCE IN PR | REVIOUS TERM* | CREDITS: 86 | GP: 548 | CGPA: | 6.4 |
| *CUMULATIVE PERFO | ====================================== | CREDITS: 105 | == == == GP: 672 | === CGPA: | 6.4 |

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Other Details overleaf

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Bachelor of Science (Research)

NAME : SAGNIK DASGUPTA S R NO : 11-01-00-10-91-14-1-10947

Undergraduate Programme SESSION : 2017-2018

TERM : Aug-Dec 2017

| COURSE CODE | COURSE -TITLE | | CREDIT | GRADE | |
|--|---|--|--|----------------|---------------|
| E9 201 | Digital Signal Proces | sing | 3:0 | Α | |
| MT 209 | Defects in Materials | | 3:0 | В | |
| NE 101 | Entrepreneurship, Et | hics and Societal Impact | 1:0 | A | |
| SS 304 | Solar Energy: Advar | nced Materials and Devices | 3:0 | В | |
| UMT 311 | Functional Property | Characterization Laborator | y 0:1 | В | |
| ====================================== | = | ====================================== | = = = = = = = = = = = = = = = = = = = | ====: TGPA: | = |
| | N PREVIOUS TERM* | CREDITS: 105 | GP: 672 | CGPA: | 6.4 |
| *CUMULATIVE PE | = == == == == == == == == == == == == = | = $=$ $=$ $=$ $=$ $=$ $=$ CREDITS: 116 | ====================================== | ===== CGPA: | 6.4 |

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NAME : SAGNIK DASGUPTA SRNO : 11-01-00-10-91-14-1-10947

Undergraduate Programme SESSION : 2018-2019

TERM: January-April 2018

COURSE CODE COURSE-TITLE CREDIT **GRADE** IN 227 Control Systems Design 3:0 NE 200 Technical Writing and Presentation 2:0 B **UMT400** Project: MATERIALS 0:13 TGPA: *PERFORMANCE IN PREVIOUS TERM* CREDITS: 116 CGPA: GP: 742 *CUMULATIVE PERFORMANCE* CREDITS: 134 GP: 860 CGPA:

> JOINT REGISTRAR ACADEMIC

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| | EIGHT POINT GRADING SYSTEM | | | | |
|-------|----------------------------|-------------------------|--|--|--|
| Grade | Qualitative Assessment | Point Value of Grade | | | |
| S | Outstanding | 8 | | | |
| А | Excellent | 7 | | | |
| В | Very Good | б | | | |
| C | Good | 5 | | | |
| D | Satisfactory (Pass Grade) | 4 | | | |
| F | Fail | 0 . | | | |

DURATION & CREDITS REQUIREMENT - BACHELOR OF SCIENCE (RESEARCH) AND MASTER OF SCIENCE PROGRAMME

| Programme | Duration (Minimum) | Number of Credits inclusive of project |
|--------------------------------|-----------------------|--|
| Bachelor of Science (Research) | 48 Months | 131 |
| Bachelor+Master of Science | 60 Months | 163 |

CLASSIFICATION OF AWARDS

| CGPA | Award |
|---------------|------------------------------|
| 7.0 and above | First Class with Distinction |
| 4.8 to 6.9 | First Class |
| 4.0 to 4.7 | Second Class |

Minimum grade in project to qualify for degree is "C"