

Serial No. 0935/12-13

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

(A Statutory Body under the West Bengal Act XXI of 1995)
Kolkata Karigori Bhavan, 110 S.N.Banerjee Road, Kolkata-700013



DIPLOMA

This is to certify that AMITAVA GHOSH, son/daughter of SAMBHUNATH GHOSH, bearing Registration No. D101129960, appeared from BENGAL INSTITUTE OF POLYTECHNIC duly passed the Diploma Course in ELECTRICAL ENGINEERING, conducted by the West Bengal State Council of Technical Education in May, 2013 and was placed in 1st Class with Distinction.

SECRETARY

West Bengal State Council of Technical Education

VICE CHAIRMAN

West Bengal State Council of Technical Education

Dated, Kolkata, the 5th January, 2015



WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

"Kolkata Karigori Bhavan", 2nd Floor, 110 S.N.Banerjee Road, Kolkata - 700013

MARK SHEET

Serial No. SI/18741/11-10

SEMESTER - 1 HELD IN NOVEMBER, 2010

REGISTRATION NO. : D101129960 ROLL : D158052001 NO. : 27153
 NAME OF THE CANDIDATE : AMITAVA GHOSH
 FATHER'S / MOTHER'S NAME : SAMBHUNATH GHOSH
 BRANCH OF STUDY : ELECTRICAL ENGINEERING
 NAME OF THE INSTITUTION : BENGAL INSTITUTE OF POLYTECHNIC



| SUBJECTS | | FULL MARKS | PASS MARKS | MARKS OBTAINED | | | | | | | |
|--------------------------------|-------------------|----------------------------|-------------------|-------------------|------------------------------------|--------------|-------------|------------|-------------|-----|-----|
| Theoretical | | | | | | | | | | | |
| COMMUNICATION SKILLS (STUDIES) | | 50 | 22 | 35 | | | | | | | |
| PHYSICS-I | | 50 | 22 | 31 | | | | | | | |
| CHEMISTRY-I | | 50 | 22 | 43 | | | | | | | |
| MATHEMATICS | | 100 | 45 | 61 | | | | | | | |
| ENGINEERING MECHANICS | | 100 | 45 | 63 | | | | | | | |
| TECHNICAL DRAWING | | 100 | 45 | 62 | | | | | | | |
| Sessional | | | | | | | | | | | |
| TECHNICAL DRAWING (S) | | 100 | 50 | 86 | | | | | | | |
| TOTAL | | 550 | --- | 381 | | | | | | | |
| BACK PAPER(S): | | PERCENTAGE OF MARKS | | RESULTS | | | | | | | |
| NIL | | 69.3 | | PASS | | | | | | | |
| PART-I | | PART-II | | SEMESTER-5 | OVERALL PERCENTAGE OF MARKS | CLASS | | | | | |
| SEMESTER-1 | SEMESTER-2 | SEMESTER-3 | SEMESTER-4 | | | | | | | | |
| FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Dated, Kolkata, the 11th March, 2011

Sandip Khunder
 CONTROLLER OF EXAMINATIONS



WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

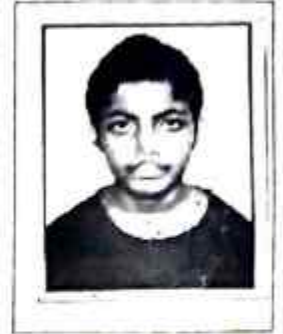
"Kolkata Karigori Bhavan", 2nd Floor, 110 S.N.Banerjee Road, Kolkata - 700013

MARK SHEET

Serial No. S2/18741/05-11

SEMESTER - 2 HELD IN MAY, 2011

REGISTRATION NO. : D101129960 ROLL : D158052002 NO. : 27153
 NAME OF THE CANDIDATE : AMITAVA GHOSH
 FATHER'S / MOTHER'S NAME : SAMBHUNATH GHOSH
 BRANCH OF STUDY : ELECTRICAL ENGINEERING
 NAME OF THE INSTITUTION : BENGAL INSTITUTE OF POLYTECHNIC



| SUBJECTS | | FULL MARKS | PASS MARKS | MARKS OBTAINED | | | | | |
|---|-------------|----------------------------|----------------|-------------------|-------------|-------------------|-------------|------------------------------------|--------------|
| Theoretical | | | | | | | | | |
| BUSINESS ECONOMICS & ACCOUNTANCY | | 100 | 45 | 58 | | | | | |
| PHYSICS-II | | 50 | 22 | 39 | | | | | |
| CHEMISTRY-II | | 50 | 22 | 33 | | | | | |
| ENGINEERING MATHEMATICS | | 100 | 45 | 61 | | | | | |
| STRENGTH OF MATERIALS | | 100 | 45 | 74 | | | | | |
| ELECTRICAL TECHNOLOGY | | 50 | 22 | 34 | | | | | |
| COMPUTER APPLICATIONS & PROGRAMMING | | 50 | 22 | 35 | | | | | |
| Sessional | | | | | | | | | |
| PHYSICS LAB | | 50 | 25 | 45 | | | | | |
| CHEMISTRY LAB | | 50 | 25 | 40 | | | | | |
| WORKSHOP PRACTICE | | 200 | 100 | 179 | | | | | |
| COMPUTER APPLICATIONS & PROGRAMMING LAB | | 100 | 50 | 92 | | | | | |
| ELECTRICAL TECHNOLOGY LAB | | 50 | 25 | 45 | | | | | |
| MECHANICAL & ELECTRICAL ENGINEERING DRAWING | | 100 | 50 | 89 | | | | | |
| TOTAL | | 1050 | --- | 824 | | | | | |
| BACK PAPER(S): | | PERCENTAGE OF MARKS | RESULTS | | | | | | |
| NIL | | 78.5 | PASS | | | | | | |
| PART-I | | | | PART-II | | SEMESTER-5 | | OVERALL PERCENTAGE OF MARKS | CLASS |
| SEMESTER-1 | | SEMESTER-2 | | SEMESTER-3 | | SEMESTER-4 | | | |
| FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Dated, Kolkata, the 5th September, 2011

Sandip Kundu
 CONTROLLER OF EXAMINATIONS



WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

"Kolkata Karigori Bhavan", 2nd Floor, 110 S.N.Banerjee Road, Kolkata - 700013

MARK SHEET

Serial No. S3/18741/12-11

SEMESTER - 3 HELD IN DECEMBER, 2011

REGISTRATION NO. : D101129960

ROLL : D158052003

NO. : 27153

NAME OF THE CANDIDATE : AMITAVA GHOSH

FATHER'S / MOTHER'S NAME : SAMBHUNATH GHOSH

BRANCH OF STUDY : ELECTRICAL ENGINEERING

NAME OF THE INSTITUTION : BENGAL INSTITUTE OF POLYTECHNIC



| SUBJECTS | | FULL MARKS | PASS MARKS | MARKS OBTAINED | | | | | | |
|--|-------------|----------------------------|-------------|-------------------|-------------|-------------------|-------------|------------------------------------|-------------|--------------|
| Theoretical | | | | | | | | | | |
| ENVIRONMENTAL ENGINEERING | | 100 | 45 | 64 | | | | | | |
| PROGRAMMING IN C | | 100 | 45 | 54 | | | | | | |
| BASIC ELECTRONICS | | 100 | 45 | 49 | | | | | | |
| CIRCUIT THEORY | | 100 | 45 | 78 | | | | | | |
| ELECTRICAL MEASUREMENT AND MEASURING INSTRUMENTS | | 100 | 45 | 59 | | | | | | |
| ELECTRICAL MACHINES - I | | 100 | 45 | 59 | | | | | | |
| Sessional | | | | | | | | | | |
| PROGRAMMING IN C LAB | | 100 | 50 | 91 | | | | | | |
| BASIC ELECTRONICS LAB | | 100 | 50 | 90 | | | | | | |
| ELECTRICAL WORKSHOP - I | | 100 | 50 | 94 | | | | | | |
| ELECTRICAL MEASUREMENT AND MEASURING INSTRUMENTS | | 100 | 50 | 89 | | | | | | |
| TOTAL | | 1000 | ---- | 727 | | | | | | |
| BACK PAPER(S): | | PERCENTAGE OF MARKS | | RESULTS | | | | | | |
| NIL | | 72.7 | | PASS | | | | | | |
| PART-I | | | | PART-II | | SEMESTER-5 | | OVERALL PERCENTAGE OF MARKS | | CLASS |
| SEMESTER-1 | | SEMESTER-2 | | SEMESTER-3 | | SEMESTER-4 | | | | |
| FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Dated, Kolkata, the 7th March, 2012

Sandip Kundu
CONTROLLER OF EXAMINATIONS



WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

"Kolkata Karigori Bhavan", 2nd Floor, 110 S.N.Banerjee Road, Kolkata - 700013

MARK SHEET

Serial No. S4/18741/05-12

SEMESTER - 4 HELD IN MAY, 2012

REGISTRATION NO. : D101129960 ROLL : D158052004 NO. : 27153
 NAME OF THE CANDIDATE : AMITAVA GHOSH
 FATHER'S / MOTHER'S NAME : SAMBHUNATH GHOSH
 BRANCH OF STUDY : ELECTRICAL ENGINEERING
 NAME OF THE INSTITUTION : BENGAL INSTITUTE OF POLYTECHNIC



| SUBJECTS | | | | | | | | FULL MARKS | PASS MARKS | MARKS OBTAINED | |
|--|-------------|------------|-------------|------------|-------------|------------|-------------|----------------------------|-------------|-----------------------------|-------|
| Theoretical | | | | | | | | | | | |
| COMMUNICATION SKILLS (JOB) | | | | | | | | 50 | 22 | 34 | |
| ELECTRICAL ENGINEERING MATERIALS | | | | | | | | 100 | 45 | 70 | |
| ELECTRICAL MACHINES-II | | | | | | | | 100 | 45 | 67 | |
| ELECTRICAL MEASUREMENT & CONTROL | | | | | | | | 100 | 45 | 68 | |
| PRINCIPLES & APPLICATIONS OF DIGITAL ELECTRONICS | | | | | | | | 100 | 45 | 58 | |
| UTILISATION & TRACTION | | | | | | | | 100 | 45 | 68 | |
| Sessional | | | | | | | | | | | |
| COMMUNICATION SKILLS (JOB) LAB | | | | | | | | 50 | 25 | 46 | |
| ELECTRICAL MACHINE LAB | | | | | | | | 200 | 100 | 177 | |
| ELECTRICAL MEASUREMENT & CONTROL LAB | | | | | | | | 100 | 50 | 89 | |
| DIGITAL ELECTRONICS LAB | | | | | | | | 100 | 50 | 97 | |
| TOTAL | | | | | | | | 1000 | --- | 774 | |
| BACK PAPER(S): | | | | | | | | PERCENTAGE OF MARKS | | RESULTS | |
| NIL | | | | | | | | 77.4 | | PASS | |
| PART-I | | | | PART-II | | | | SEMESTER-5 | | OVERALL PERCENTAGE OF MARKS | CLASS |
| SEMESTER-1 | | SEMESTER-2 | | SEMESTER-3 | | SEMESTER-4 | | FULL MARKS | | | |
| FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | --- | --- |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Dated, Kolkata, the 26th July, 2012

Sandip Kundu
CONTROLLER OF EXAMINATIONS



WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

"Kolkata Karigori Bhavan", 2nd Floor, 110 S.N.Banerjee Road, Kolkata - 700013

MARK SHEET

Serial No. S5/18741/11-12

SEMESTER - 5 HELD IN NOVEMBER, 2012

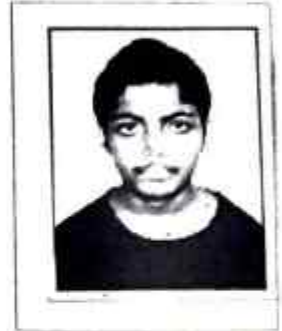
REGISTRATION NO. : D101129960 ROLL : D158052005 NO. : 31546

NAME OF THE CANDIDATE : AMITAVA GHOSH

FATHER'S / MOTHER'S NAME : SAMBHUNATH GHOSH

BRANCH OF STUDY : ELECTRICAL ENGINEERING

NAME OF THE INSTITUTION : BENGAL INSTITUTE OF POLYTECHNIC



| SUBJECTS | | FULL MARKS | PASS MARKS | MARKS OBTAINED | | | | | | | |
|--------------------------------------|-------------|----------------------------|-------------|-------------------|-------------|-------------------|-------------|------------------------------------|-------------|------------------------------------|--|
| Theoretical | | | | | | | | | | | |
| INDUSTRIAL MANAGEMENT | | 100 | 45 | 64 | | | | | | | |
| POWER PLANT ENGINEERING | | 100 | 45 | 75 | | | | | | | |
| INDUSTRIAL ELECTRONICS | | 100 | 45 | 68 | | | | | | | |
| - ELECTRICAL DESIGN & ESTIMATING | | 100 | 45 | 70 | | | | | | | |
| NON-CONVENTIONAL ENERGY-I [ELECTIVE] | | 100 | 45 | 75 | | | | | | | |
| TRANSMISSION & DISTRIBUTION POWER | | 100 | 45 | 62 | | | | | | | |
| Sessional | | | | | | | | | | | |
| ELECTRICAL WORKSHOP-II | | 100 | 50 | 87 | | | | | | | |
| POWER SYSTEM LABORATORY | | 100 | 50 | 76 | | | | | | | |
| INDUSTRIAL ELECTRONICS LABORATORY | | 100 | 50 | 86 | | | | | | | |
| TOTAL | | 900 | ---- | 663 | | | | | | | |
| BACK PAPER(S): | | PERCENTAGE OF MARKS | | RESULTS | | | | | | | |
| NIL | | 73.7 | | PASS | | | | | | | |
| PART-I | | | | PART-II | | SEMESTER-5 | | OVERALL PERCENTAGE OF MARKS | | CLASS | |
| SEMESTER-1 | | SEMESTER-2 | | SEMESTER-3 | | SEMESTER-4 | | SEMESTER-5 | | OVERALL PERCENTAGE OF MARKS | |
| FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | OVERALL PERCENTAGE OF MARKS | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |

Dated, Kolkata, the 1st March, 2013

Sandip Kundu
CONTROLLER OF EXAMINATIONS



WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

"Kolkata Karigori Bhavan", 2nd Floor, 110 S.N.Banerjee Road, Kolkata - 700013

MARK SHEET

Serial No. S6/18741/05-13

SEMESTER - 6 HELD IN MAY, 2013

REGISTRATION NO. : D101129960 ROLL : D158052006 NO. : 31546
 NAME OF THE CANDIDATE : AMITAVA GHOSH
 FATHER'S / MOTHER'S NAME : SAMBHUNATH GHOSH
 BRANCH OF STUDY : ELECTRICAL ENGINEERING
 NAME OF THE INSTITUTION : BENGAL INSTITUTE OF POLYTECHNIC



| SUBJECTS | FULL MARKS | PASS MARKS | MARKS OBTAINED |
|--|------------|------------|----------------|
| Theoretical | | | |
| ELECTRICAL INSTALLATION, MAINTENANCE & TESTING | 100 | 45 | 76 |
| SWITCHGEAR & PROTECTION | 100 | 45 | 68 |
| MICROPROCESSORS & ITS APPLICATIONS | 100 | 45 | 77 |
| NON CONVENTIONAL ENERGY-II [ELECTIVE] | 50 | 22 | 43 |
| Sessional | | | |
| SESSIONAL ON ELECTIVE | 100 | 50 | 78 |
| GENERAL VIVA VOCE | 100 | 50 | 89 |
| ELECTRICAL ENGINEERING DRAWING | 100 | 50 | 90 |
| SWITCHGEAR & PROTECTION LAB | 100 | 50 | 88 |
| MICROPROCESSORS & ITS APPLICATIONS LAB | 100 | 50 | 80 |
| ELECTRICAL ENGINEERING PROJECT WORK | 200 | 100 | 170 |
| SEMINAR ON ELECTRICAL ENGINEERING PROJECT WORK | 50 | 25 | 46 |

TOTAL

1100

905

BACK PAPER(S):

NIL

PERCENTAGE OF MARKS

RESULTS

82.3

PASS

| PART-I | | | | PART-II | | | | SEMESTER-5 | | OVERALL PERCENTAGE OF MARKS | CLASS |
|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-----------------------------|-----------------|
| SEMESTER-1 | | SEMESTER-2 | | SEMESTER-3 | | SEMESTER-4 | | FULL MARKS | MARKS OBTD. | | |
| FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | FULL MARKS | MARKS OBTD. | | | | |
| 550 | 381 | 1050 | 824 | 1000 | 727 | 1000 | 774 | 900 | 663 | 76.8 | I [Distinction] |

Dated, Kolkata, the 25th July, 2013

Sandip Kundu
 CONTROLLER OF EXAMINATIONS