

UNIVERSITY OF DELHI

THE UNDERMENTIONED CANDIDATES OF B.E. EIGHTH SEMESTER EXAMINATION HELD IN MAY/JUNE, 2015 HAVING PASSED THE REMAINING SEMESTER EXAMINATION HELD IN MARCH, 2023, THUS HAVING PASSED ALL THE SEMESTERS EXAMINATIONS, THE UNDERMENTIONED REREGISTERED CANDIDATES IS DECLARED TO HAVE PASSED THE EXAMINATION FOR THE DEGREE OF BACHELOR OF ENGINEERING (B.E.):-

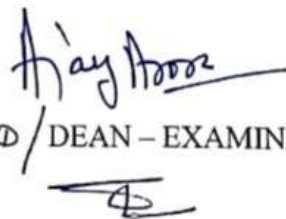
NETAJI SUBHAS INSTITUTE OF TECHNOLOGY / PRIVATE

B.E. (INSTRUMENTATION AND CONTROL ENGINEERING)

| ROLL NO | NAME | AVERAGE | CREDITS EARNED | CLASS AWARDED |
|----------------|-------------|---------|-------------------|------------------|
| 491IC11 *** | NITIN KUMAR | 51.17 | 228 | II |


(DEAN)
FACULTY OF TECHNOLOGY

DATED:- 05 JUN 2024


OSD/DEAN - EXAMINATIONS



CONSOLIDATED STATEMENT OF THE ACADEMIC PERFORMANCE

Name : NITIN KUMAR

B. E. Instrumentation & Control Engg.

Roll No. 49/JC11 College Registration No.

University Enrolment No. 2927

In column no. 1 Semester is shown. Below this, the year of study/examination is indicated. The information in other boxes is as follows : Consider the top box in column 2. 101 indicates the subject code IC 101. If the student secures 40 or more marks in the subject he/she earns the credits assigned to the subject. The assigned credits are shown for IC 101 as ④. The marks secured out of 100 are shown in the box.

| | | | | | | | | | | | | |
|------|--------------|------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| I | 101④ (40) | 102④ 51 | 103④ (40) | 104④ 55 | 105④ 42 | 106④ 47 | 107④ 40 | 108④ 75 | 109④ 59 | | | |
| II | 111④ 56 | 112④ 40 | 113④ 44 | 114④ 57 | 115④ 40 | 116④ 51 | 117④ 66 | 118④ 46 | 119④ 70 | | | |
| III | 201④ 40 | 202④ 40 | 203④ 45 | 204④ 45 | 205④ 40 | 206④ 56 | 207④ 59 | 208④ 70 | 209④ 42 | 210④ 50 | | |
| IV | 211④ 40 | 212④ 40 | 213④ 42 | 214④ 58 | 215④ 53 | 216④ 74 | 217④ 40 | 218④ 58 | 219④ 64 | 220④ 55 | 221④ 55 | 222④ 65 |
| V | 301④ (05) | 302④ 41 | 303④ 40 | 304④ 48 | 305④ 45 | 306④ 52 | 307④ 51 | 308④ 60 | 309④ 79 | | | |
| VI | 311④ 51 | 312④ 67 | 313④ 41 | 314④ 40 | 315④ 40 | 316④ 50 | 317④ 73 | 318④ 52 | 319④ 62 | 320④ 70 | | |
| VII | 401④ 64 | 402④ 40 | 403④ 40 | 404④ 40 | 405④ 42 | 406④ 53 | 407④ 52 | 408④ 61 | 409④ 67 | 410④ 68 | | |
| VIII | 411④ 70 | 412④ 53 | 413④ 40 | 414④ 65 | 415④ 66 | 416④ 60 | 417④ 78 | | | | | |

B.E. Degree shall be awarded if a student has earned a minimum of 220 credits as specified in each degree programme subject to break up and compulsory credit as mentioned therein. However, a student may register in subjects leading to a maximum of 232 credits in the entire course. If a student earns more than a specified minimum credits for degree, the best marks in the minimum credits (satisfying the above conditions) will be considered for the purpose of classification of result.

The mark(s) encircled have not been taken into account for determining the "Average" marks as per the rules stated above

Total No. of Credits Secured

228

"Average" Marks = $\frac{\sum (\text{Credits} * \text{Marks Secured})}{\sum (\text{Credits}) = 220}$

51.17

Classification of result based on the "Average" marks :

75% or more marks First Class with distinction
60% or more marks but less than 75% First Class
50% or more marks but less than 60% Second Class
40% or more marks but less than 50% Pass Class

Class

Awarded SECOND CLASS

Entd. by -

Checked by -

Date -

- 5 JUN 2024

Ajay Arora
DEAN (EXAMINATIONS)

O.S.D. (Exams)
दिल्ली विश्वविद्यालय
University of Delhi
दिल्ली/Delhi-110007

B. E. INSTRUMENTATION AND CONTROL ENGINEERING

| | |
|--|--|
| TH1 IC-101 Humanities TH2 IC-102 Mathematics - I TH3 IC-103 Physics-I TH4 IC-104 Chemistry TH5 IC-105 Manufacturing Process PR1 IC-106 Engineering Drawing-I PR2 IC-107 Physics-I PR3 IC-108 Chemistry PR4 IC-109 Workshop Practice-I | TH1 IC-111 Principle of Elect. Engg. TH2 IC-112 Applied Mechanics TH3 IC-113 Mathematics II TH4 IC-114 Introduction To Programming TH5 IC-115 Physics of Materials PR1 IC-116 Principle of Elect. Engg. PR2 IC-117 Applied Mechanics PR3 IC-118 Introduction To Programming PR4 IC-119 Physics of Materials |
| TH1 IC-201 Electronics I TH2 IC-202 Circuits & Systems TH3 IC-203 Power Apparatus TH4 IC-204 Elect. Analog & Meas. Tech TH5 IC-205 Mathematics-III PR1 IC-206 Electronics I PR2 IC-207 Power Apparatus PR3 IC-208 Elect. Analog & Meas. Tech PR4 IC-209 Machine Drawing VS1 IC-210 Programming I | TH1 IC-211 Electronics II TH2 IC-212 Fluid Mechanics & Thermodynamics TH3 IC-213 Electronics Inst & Meas. TH4 IC-214 Computer Graphics TH5 IC-215 Transducers & Components PR1 IC-216 Electronics II PR2 IC-217 Computer Graphics PR3 IC-218 Instrumentation Lab (I. AB. T.) PR4 IC-219 Elect. Workshop & Elect Drawing PR5 IC-220 Practical Training VS1 IC-221 Report Writing VS2 IC-222 Programming II |
| TH1 IC-301 Analog & Dig Communication TH2 IC-302 Ind & Analytical Instruments TH3 IC-303 Digital Integrated Circuits I TH4 IC-304 Linear Integrated Circuits I TH5 IC-305 Ind Organ & Managerial Eco PR1 IC-306 Analog & Dig Communication PR2 IC-307 Digital Integrated Circuits I PR3 IC-308 Linear Integrated Circuits VS1 IC-309 Programming III | TH1 IC-311 Microprocessors TH2 IC-312 Computer-Aided-Design TH3 IC-313 Industrial Electronics TH4 IC-314 Control Systems-I TH5 IC-315 Telemetry & Data Transmission PR1 IC-316 Microprocessors Lab PR2 IC-317 CAD Lab PR3 IC-318 Control System Lab-I VS1 IC-319 Programming IV VS2 IC-320 Practical Training |
| TH1 IC-401 Control System II TH2 IC-402 Digital Integrated Circuits II TH3 IC-403 Process Control TH4 IC-404 Elective - I TH5 IC-405 Elective - II PR1 IC-406 Control System Lab II PR2 IC-407 Digital Integrated Circuits II PR3 IC-408 Instrumentation Lab II PR4 IC-409 Practical Training VS1 IC-410 Programming V | TH1 IC-411 Consumer Electronics TH2 IC-412 Elective -III TH3 IC-413 Elective -IV PR1 IC-414 Elective (III & IV) PR2 IC-415 Project PR3 IC-416 Practical Training VS1 IC-417 Seminar and Reports |

IC 404 and 405 (Electives I & II) Any Two of the following Papers :-

- | | |
|--|----------------------------------|
| (i) Medical Instrumentation | (iv) Optical Instrumentation |
| (ii) Microprocessor Application in Instrumentation & Control | (vi) Computer Control of Systems |
| (iii) Environmental Instrumentation and Safety | (viii) Safety and Reliability |
| (v) Laser and Fibre Optic Systems | |
| (vii) Nuclear Instrumentation | |
| (ix) Non Destructive Testing | |

IC 412 and 413 (Electives III and IV) Any two of the following Papers :-

- | | |
|--|--|
| (x) Power Plant Instrumentation | (xi) Computer Controlled Instrumentation |
| (xii) Aircraft Instrumentation and Control Systems | (xiii) Inertial Navigation and Control |
| (xiv) Artificial Intelligence | (xv) Selected topics in Instrumentation |
| (xvi) Robotics | (xvii) Digital Signal Processing |
| (xviii) Pneumatic and Hydraulic Instrumentation and Fluidics | |
| (xix) Instrument Methods of Analysis | (xx) Fault Tolerant Computing |

Netaji Subhas Institute of Technology

(Affiliated to University of Delhi)

Azad Hind Fauj Marg, Sector-3, Dwarka, New Delhi - 110078

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Serial No. 0711

Univ. Enroll No. DIT-245/11



Dated : 10/09/2024

Institute Roll No. 4911C/11

PROVISIONAL CERTIFICATE

This is to certify Mr./Ms. Nitin Kumar
Son/Daughter of Mr. Gopal Chand who was a student of this institute
during 2011-2015 has passed the Bachelor of Engineering Examination in Instrumentation & Control
Engineering as per the Result Notification S.No. 1/NOT/2024/3436
Dated 05/06/2024 issued by the University of Delhi.

He/She has earned 228 credits with an average percentage of 51.17%

and has been placed in first class with distinction / first class / second class. ✓

Date : 10/09/2024

Prepared by : [Signature]

Checked by : [Signature]



[Signature]

Dean

Under Graduate Studies

N.B. : This provisional certificate is valid till the degree is awarded by the University of Delhi.