Netaji Subhash Engineering College

Minds Made to World Standards
1st Engineering College of Techno India Group

Netaji Subhash Engineering College

Minds Made to World Standards
1998
Netaji Subhash Engineering College was founded

2003
TCS campus accreditation

2005
Grant of Prestigious World Bank Fund, TEQIP - I
NBA Accreditation

2011
Capgemini Campus Accreditation
Wipro Campus Accreditation

2019
NAAC Accreditation
NBA Re - Accreditation
EPAM Campus Accreditation
Institution Innovation Council formed under MHRD
Ranked within top 50 colleges in India under NPTEL

2020
Host Institution Recognition by MSME for Incubation
NIRF Ranked College
The institute is conveniently located where local Railway station, Metro and Bus Stand are within 1 KM
01. Introduction

- About College
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- Faculty Members
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- Different Student Bodies and Clubs of the College
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Introduction
(About College)

Netaji Subhash Engineering College is one of the pioneers in the field of self-financed technical and management institutes established in West Bengal. It is affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT) and is approved by All India Council for Technical Education (AICTE). The college is a rich repository of experienced and erudite teaching fraternity and is equipped with adequate and advanced infrastructural support. This college has a track record of imparting quality education for aspiring engineers and managers over the past 22 years.
Introduction
(Affiliations & Accreditations)

Netaji Subhash Engineering College is accredited by NAAC and 4 of its programmes are Accredited by NBA [CSE, EE, ECE, BME]. It is also ranked under NIRF 2020. It is affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT, formerly known as WBUT) and approved by AICTE.
The rich and modern Central Library with over 1,00,000 books, and spacious reading rooms with numerous journals and research articles, pre-installed plagiarism checking software, digital library facility for e-books. Online renewal facilities. Books for every student of the departments. Also, the college has institutional tie up with IEEE to access Research Papers of Journals and Conferences for both students and faculty members.
Faculty Members

A team of eminent qualified (50+ Ph.D Degree holders), highly experienced, research minded, dynamic and committed faculty and academic staff members in the relevant branches of engineering, science, humanities and management are the backbone of the college. The excellent academic performance of our students is due to the high degree of involvement and dedication of our teaching fraternity. The college believes in individual care and attention to the students for nurturing their holistic development. Besides the execution of the curriculum, the teaching fraternity of the college is regularly involved in mentoring and counselling of the students from heterogenous backgrounds to help the students to confidently confront this competitive era.
International Associations with Foreign Universities

- POZNAN UNIVERSITY OF TECHNOLOGY
- ESIGELEC SCHOOL OF ENGINEERING
- KAKE EDUCATIONAL INSTITUTION
- NAGASAKI WESLEYAN UNIVERSITY
- POZNAN UNIVERSITY OF TECHNOLOGY
- RENNES SCHOOL OF BUSINESS
- ESIGELEC SCHOOL OF ENGINEERING
- BIALYSTOK UNIVERSITY OF TECHNOLOGY
- THE UNIVERSITY OF EAST SARAJEVO
- NAGASAKI WESLEYAN UNIVERSITY
- KAKE EDUCATIONAL INSTITUTION
<table>
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<th>Programmes</th>
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<tr>
<td>Applied Electronics &amp; Instrumentation Engineering</td>
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</tr>
<tr>
<td>*Bio Medical Engineering</td>
<td>60</td>
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<tr>
<td>Civil Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Computer Science and Business Systems (TCS induced)</td>
<td>30</td>
</tr>
<tr>
<td>*Computer Science &amp; Engineering</td>
<td>180</td>
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<tr>
<td>*Electrical Engineering</td>
<td>120</td>
</tr>
<tr>
<td>*Electronics and Communication Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Information Technology</td>
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<td>Mechanical Engineering</td>
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# Master Degree Programmes

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<tbody>
<tr>
<td>M.Tech in Computer Science &amp; Engineering</td>
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<tr>
<td>M.Tech in Electronics &amp; Communication Engineering</td>
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<tr>
<td>M.Tech in Control and Instrumentation</td>
<td>18</td>
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<td>M.Tech in Power Systems</td>
<td>18</td>
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<tr>
<td>MBA</td>
<td>30</td>
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<tr>
<td>MCA</td>
<td>45</td>
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<tr>
<td>MBA (Innovation Entrepreneurship and Venture Development)</td>
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## Other Programmes

<table>
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<tbody>
<tr>
<td>Bachelor of Business Administration</td>
<td>120</td>
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<tr>
<td>Bachelor of Computer Applications</td>
<td>120</td>
</tr>
<tr>
<td>Diploma in Electrical Engineering</td>
<td>60</td>
</tr>
<tr>
<td>B.Sc in Cyber Security (Industry Induced)</td>
<td>60</td>
</tr>
<tr>
<td>B.Sc in Data Science (Industry Induced)</td>
<td>60</td>
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</tbody>
</table>
New Courses From this year

MBA (Innovation Entrepreneurship and Venture Development)
New Courses
From this year

B.Tech in Computer Science and Business Systems

CSBS is a brand new and a revolutionary branch in engineering. The course is designed so that skilled engineers and not bookworms are produced, which make you stand out from the crowd of CSE students. If you choose to do higher studies in MBA you will have an upper hand than the other engineering students. As always, it’s extremely beneficial to have completed relevant work experience.

Students can be able to orient themselves with CSBS degree for the following industries: Financial organizations, management consultancy firms, software houses, communications companies, data warehouses, multinational companies, governmental agencies, universities and hospitals.

Students will be able to build themselves more industry ready and employable engineers who can drive innovation and add value to the organization they work for as well as to the nation in the era of Business 4.0.
International Student Bodies & Associations

Confederation of Indian Industry

WADHWANI FOUNDATION

DSC • NSEC

DEIS

IEEE Robotics & Automation Society

GRSS

CII

ASME

THE LINUX FOUNDATION

IEEE Power & Energy Society

IEEE

Electronics Society
CSR Activities and Tree Plantation by Students
Students’ Clubs in the College

**GNX**

GNX is the second generation Linux User Group of Netaji Subhash Engineering College which functions also as an open-source community and helps enthusiasts learn more about Linux and its applications in emerging technologies like Blockchain, Quantum Computing, AI and more. It is maintained by the Department of Computer Science and Engineering. GNX is affiliated to organizations like The Linux Foundation and projects like Kubernetes (CNCF). It also makes Netaji Subhash Engineering College the first AICTE affiliated educational institution to become an Associate Member of The Linux Foundation - a list which boasts the likes of IBM, Google, Intel and AT&T.

**ROTORACT CLUB**

From the day of its inception (8th of July 2019) the ROTARACT Club of NSEC aims at making the members aware of the society and empowers them by engaging them in various social and cultural activities, such as:
1. Muktodharat: Independence Day program organized with the slum children near our college.
2. Ichchapurana: A Dürgapuja tour with 150 children were taken pandal hopping
3. Rotaract Carnival: A fund raiser event following a set of.in house competitions.

**THE ECO-CULTURAL CLUB**

Established by the 4th and 3rd year Students in November’18, The Eco-Cultural Club of NSEC primarily aims to encourage students to connect more to nature and cultural activities by inspiring them to participate and perform in all the events organized by the club and beyond. The Club helps in organizing the celebration of Republic Day, Saraswati Puja, Foundation Day, Teachers Day, Fresher’s Welcome ( Prelude), College Fest (Mesmerize) Tree.

**ELOQUENCE and PAPYRUS**

ELOQUENCE and PAPYRUS are the two official literary clubs of NSEC under the patronage of PHOENIX and ROTARACT Club respectively. While ELOQUENCE focuses on creating a creative environment of free expressions through events like Group Discussions, Debates and Open Mic; PAPYRUS runs an online blog to encourage budding writers to think out of the box.

**PHOENIX**

PHOENIX, the official technical club of NSEC was founded by a group of individuals in January 2006. By means of its various activities it tries to bridge the gap between students and the efficient professionals—be it in the software or core sector. What started as a platform for people to come and share their ideas, has now diversified into an entity, which by means of its many activities, has provided an unlimited impetus to the esteem of our college.

**NSEC SPORTS CLUB**

NSEC SPORTS CLUB is dedicated to all the students with true determination to achieve the best in the field of sports. The club vigorously tries to inculcate the culture of sports among students, with both indoor and outdoor activities, starting from Carrom, Table Tennis, Chess, Badminton, Football, Kabaddi to cricket. Multiple college teams of NSEC SPORTS take part in numerous Inter-Collegiate competitions as well.

**AVENIR**

AVENIR, the annual technical fest of the college is an integral part of our event calendar. It was first conducted by PHOENIX in 2005, and ever since it has grown in stature and status. Several entertaining and educative events have been inculcated. Replete with quizzes, debates, business plans, Sudoku, crosswords, chess, Bioscope, Spectrum and of course the most popular of the lot: Robotics and Gaming, AVENIR promises to get only better with the passage of time. MEMERIZER, the annual cultural fest of NSEC has long been witnessing footfalls from all over West Bengal and to everyone’s delight, has brilliantly impressed all.

**MEMERIZER**

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**LENSIFIED**

LENSIFIED, the official photography club of NSEC under the patronage of PHOENIX organizes several photography events throughout the year among which BIOSCPE and SPECTURM as a part of AVENIR deserve a mention.
Ministry of Human Resource Development (MHRD), Govt. of India has established MHRD Innovation Cell (MIC) to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

In this regard Institution Innovation Council at Netaji Subhash Engineering College has been established and successfully conducted and organised various events to encourage innovation and entrepreneurship such as D2C programme by Wadhwani Foundation, Innovation Challenges, The Lockdown Impact Webinar Series and many more.
Seminars and Workshops

Invited Technical Talks, Seminars, Final year Project Evaluation etc. were organized where senior corporates from industry, Vice Chancellors and senior Professors from reputed academia delivered lectures to students as well as faculty fraternity.
Invited Technical Talks, Seminars, Prototypes Exhibition were organized where Senior Professors from foreign Universities viz. USA, Germany, Thailand, Australia and Japan delivered lectures. In addition to that, an Italian delegation team of seven Entrepreneurs visited CII-NSEC Innovation Club and laboratories of Netaji Subhash Engineering College.
#THEBESTCAP GOES TO...
University Toppers

2019 Pass Out

1st: Srija Chakraborty
2nd: Tamarish Chatterjee
3rd: Suman Senapati
3rd: Pratikshan Malakar

Students of various departments of this college achieve 1st position in the University and represent college in Annual Convocation every year.

2018 Pass Out

 Niladri Naskar
Shilpa Chatterjee
Adrija Roy
2019/20

Placement Statistics
NETAJI SUBHASH ENGINEERING COLLEGE
(NAAC Accredited College & NBA Accredited Programmes)

2020 [B.TECH]

OF ALL THE ELIGIBLE STUDENTS HAVE BEEN PLACED

72%

COMPANIES VISITED IN CURRENT YEAR

90+

AVERAGE PACKAGE FOR CURRENT YEAR

4.5 LPA

HIGHEST PACKAGE FOR CURRENT YEAR

10 LPA

440 total jobs Offered
Departmental Placement Statistics

Jobs Offered

- IT: 70
- CSE: 102
- ECE: 90
- EE: 52
- CE: 32
- ME: 35
- BME: 16
- AEIE: 26
- MCA & BCA: 17
Top Recruiting Companies
Profiles of Few Placed Students (2020)

- **Arkapravo Ghosh**
  - B.Tech [CSE]
  - ThoughtWorks
  - 9 LPA

- **CHIROBRATA DAS**
  - B.Tech [CE]
  - TRACTEBEL
  - 4 LPA

- **SAYAN TALUKDAR**
  - B.Tech [EE]
  - BYJU'S
  - 10 LPA

- **ADITYA CHAKRABORTY**
  - B.Tech [EE]
  - TATA
  - 7.2 LPA

- **Rishov Aditya**
  - B.Tech [ECE]
  - Open-Silicon
  - 7 LPA

- **Arijit Paul**
  - B.Tech [ME]
  - Cognizant
  - 4 LPA
Profiles of Few Placed Students (2019)

Shreyashi Saha
B.Tech [IT]  
Cerner  
6 LPA

Basabdatta Chaudhury
B.Tech [CSE]  
Microsoft  
10 LPA

Rajarshi Saha
B.Tech [ECE]  
Intel  
10 LPA

Poulami Das
B.Tech [ECE]  
BOSCH  
7.2 LPA

Ashok Verma
B.Tech [EE]  
Capgemini  
4.2 LPA

SUDIP BANIK
B.Tech [BME]  
Mectronic  
4 LPA
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<th>Company</th>
<th>Name of the Student</th>
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<tr>
<td>GOURAS KUMAR</td>
<td>CE</td>
<td>TIYABINATH AMRESH</td>
<td>ECE</td>
</tr>
<tr>
<td>ADITYA</td>
<td>CE</td>
<td>AMRIT KUMAR</td>
<td>EE</td>
</tr>
<tr>
<td>RAM CHANDRA SAHA</td>
<td>CE</td>
<td>ANIRJAN DUTTA</td>
<td>EE</td>
</tr>
<tr>
<td>SUBRATA DAS</td>
<td>EE</td>
<td>INDRAKISHORE }</td>
<td>EE</td>
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<tr>
<td>PALLAB CHANDRABRATA</td>
<td>EE</td>
<td>POULAMI DAS</td>
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<tr>
<td>ASHIM DEB</td>
<td>IT</td>
<td>RUPA KUMARI</td>
<td>EE</td>
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<td>IT</td>
<td>KHARIDHIK</td>
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<td>IT</td>
<td>SAGAR</td>
<td>IT</td>
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<td>NAVNEET KUMAR</td>
<td>ECE</td>
<td>DRUKTI</td>
<td>IT</td>
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<td>ECE</td>
<td>RAHUL</td>
<td>IT</td>
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<td>ECE</td>
<td>SHARAN</td>
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<td>ECE</td>
<td>ARJUN</td>
<td>IT</td>
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<td>4</td>
<td>GHI</td>
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Partial List of Placed Students (2020) (contd.)
Strong Alumni Network Across the Globe

10,000 + alumni at different corners of the globe at Top Notch position in International Organisations
Some of the Notable Alumni

Deep Prakash Dey
SDE at Amazon
ALUMNUS CSE

Abhirup Guha
Associate Director
In US Based CPA Firm
ALUMNUS BCA

Biplab Sah
Senior Product Engineer at Honeywell
ALUMNUS MCA

Anupam Banerjee
Product Manager
At Ford
ALUMNUS CSE

Dr. Ananya Das
Lecturer CSE Dept at New Jersey Institute of Technology
ALUMNUS CSE

Paramita Bhattacharya
Researcher at McMaster University in Canada
ALUMNUS ECE
Some of the Notable Alumni

Rajat Suvra Halder
Asst. Manager,
Ministry of Health,
Gov of India
ALUMNUS BME

Vikramjit Poddar
Asst. Audit Officer,
C&AG
ALUMNUS BME

Asmita Sengupta
Business Intelligence Manager at TCS
ALUMNUS AEIE

Aaditi Chakraborty
Project Lead at
Johnson Controls
ALUMNUS AEIE

Pratyasa Bhui
Asst Professor at IIT Dharwad
ALUMNUS EE

Poulomi Sanyal
Author
ALUMNUS EE
Some of the Notable Alumni [A Special Mention]

Kaushani Dasgupta
Aerospace Research Engineer at NASA

ALUMNUS EE
Indranil Chatterjee
Senior Member of IEEE
and Airbus Scientist
Some of the Notable Alumni [A Special Mention]

Ayan Karmakar
Scientist Semi - Conductor laboratory,
Dept of Space, Govt of India

ALUMNUS ECE
Some of the Notable Alumni [A Special Mention]

Nilanjan Mitra

Director - Cognizant

ALUMNUS IT
Some of the Notable Alumni [A Special Mention]

SAPTARSHI CHATTERJEE

Vice President at Goldman Sachs, USA

ALUMNUS CSE
Some of the Notable Alumni [A Special Mention]

Anirban Sengupta
M.Tech, IIT BHU, PhD, IIT DELHI
Postdoc Research Fellow at Vanderbilt University Medical Centre, USA

ALUMNUS BME
Dr. Sylvia Bhattacharya
Assistant Professor of Electrical Engineering
Kennesaw State University in U.S State of Georgio
2019/20

Highlighted Achievements of Students
Winner of Chatra Viswakarma Award 2019
Winner of CII Young Innovators Challenge 2019
One team of ECE, AEIE & CSE secured 2\textsuperscript{nd} position in SIH - 2019 (Hardware) for the prototype “Water to Thin Air”
2nd Runner Up at TCS EngiNX 2018 Competition
1st Prize in 31st Industrial India Trade Fair 2018
A numerous 1st and 2nd Prizes in Sports Events
Winner of Fashion Show 2019 at National Institute of Fashion Technology
September 4, 2016

To Whom it May Concern:

Google is pleased to inform you that Adrish Dey has successfully completed Google Summer of Code 2016, a program which connects students with mentors for 3 months to develop open source software. Each year many students apply to participate, with only a portion of them being accepted into the program, and not every student finishes the program successfully.

Adrish was accepted into the program by, and developed open source software for, Tensorflow beginning May 27, 2016 and ending on August 15, 2016. Over that period, they passed each of the three evaluations contolled by their mentor.

More information on Adrish’s project can be found at:
https://summersofcode.withgoogle.com/projects/4982730671020944

Adrish worked from home on their project and was not required to visit either Google or Tensorflow’s offices. They received a stipend of 5000 USD for the project. Although Adrish was not directly employed by Google during Google Summer of Code 2016, the program was administered by Google from our corporate headquarters and Google acted as the host organization for the duration of Adrish’s participation.

You can learn more about the program on our webiste at goo.gl/eso. Should you require any further information, please do not hesitate to contact our team via email at gscd-support@google.com.

Best,

Tony Urso
Google Summer of Code Program Manager
Sharad Suman
Electrical Engineering [2019 Batch]

Myself Sharad Suman. I was a student of Electrical Engineering Department. If I say frankly about this college, it is the best Private college. Why I am saying this because Currently, I am pursuing M.Tech in NIT Jaipur, here students from many other colleges of India is also studying with me. Among them I am experiencing good knowledge of EE which I got from faculties of this College. I'm very much impressed by the teachers' nature and their behaviour towards us. They are very much supportive. Overall the college environment is very good for studying purpose.

- Sharad Suman [EE DEPT 2019 Batch | NSEC]
Ms. Shilpi Mukherjee of 2\textsuperscript{nd} year CSE won 2\textsuperscript{nd} Runners up Prize in C2000 – an online contest on 28\textsuperscript{th} Dec, 2019 by TI University Programme.

Due to this NSEC will get a couple of licenses of several TI software till she is student of NSEC i.e. for next two years free of cost.
Welcome to code in place teaching team

Chris Piech 2 days ago
to Mehran, bcc: me

From Chris Piech • piech@cs.stanford.edu
To Mehran Sahami • sahami@cs.stanford.edu
Bcc rshrjacharya@gmail.com
Date Apr 7, 2020, 9:04 PM

Standard encryption (TLS).
View security details

Congratulations!

We reviewed close to one thousand section leader applications and we were impressed with your teaching! This is a formal invitation to join the Code in Place teaching team. To join as a volunteer section leader, you need to choose your section time and sign an agreement:
ANUBHAV SINGH
4TH Year IT Student of NSEC

This book has been authored by Anubhav Singh
Hi Rajwrita,

Congratulations! You are selected as a scholarship recipient of the 2020 APAC Women Techmakers Scholars Program. Congratulations and we are delighted to have you on the team.

As a scholar studying in APAC, you will be receiving a scholarship amount of USD3100 and an invitation to the 2020 APAC Scholars' Virtual Retreat on July 25th - 26th hosted by Google!

We'll be sending out more information about the virtual retreat time and agenda and the process of receiving the scholarship. But first, let's CELEBRATE :)!

Our program team also prepares a lovely welcome kit for each scholar! Please kindly complete this form for delivery by July 3rd.

Congratulations again!

Best Regards,
from the APAC Women Techmakers Scholars Program Team
ICCE 2020 is the 1st IEEE International Conference for Convergence in Engineering organized by Netaji Subhash Engineering College and co-sponsored by the IEEE Kolkata Section. ICCE 2020 aims to bring together leading academicians, scientists, and researchers in the domain of interest from around the world to exchange and share their research experiences and results about all aspects of Innovation and Technology. This will provide a premier interdisciplinary forum for scientists, engineers, and practitioners to present their latest research results, ideas, developments, and applications in all areas of Electronics & Communication Engineering, Electrical Engineering, Computer and Information Science, Biomedical Engineering, and Instrumentation Engineering. The conference consists of invited lectures by experts, tutorials, interactive sessions for high-quality contributory papers through oral and poster presentations. Students are encouraged through a reduced registration fee and the possibility of limited logistical support. The best papers will be judged and awarded during the conference.

5th and 6th September 2020  www.icce2020.in

240+  Paper Submission

Scientists & Professors from International Universities as KEYNOTE SPEAKERS

Industry Session

Student Panel
“We wish you all the luck for your future carrier”

#thankyou