5 SUPER DREAM PLACEMENT OFFERS

RS. 44 LAKH
CTC

SETTING NEW STANDARDS WITH STELLAR JOB OFFERS!

St. JOSEPH'S

COLLEGE OF ENGINEERING
(An Autonomous Institution)
St. JOSEPH'S GROUP OF INSTITUTIONS
OMR, CHENNAI - 119

St. JOSEPH'S COLLEGE OF ENGINEERING
CHENNAI - 600 119
You Choose, We Do It

St. JOSEPH'S GROUP OF INSTITUTIONS
31 Years of Excellence
Since 1994

CONTENTS

ABOUT THE COLLEGE

- St. Joseph's College of Engineering is having 30 years of successful academic reputation offering 11 UG programs and 3 PG programs with a current intake of more than 1750 students per year.

- Since inception, our Institution is consistently placed among the Top 10 institutions in terms of number of ranks. So far 1553 ranks including 57 Gold medals and 56 Silver medals have been secured by students. The college has been in 1st Place for 4 times in terms of fetching highest numbers of Anna University ranks.

- The College is continuously being ranked by in National Institutional Ranking Framework (NIRF) since 2017 and ranked in '101 – 150 band' at National Institutional Ranking Framework under Innovation category (NIRF- Innovation 2023).

- Accredited with A+ grade by securing 3.46 on a scale of 4.00 by National Assessment and Accreditation Council (NAAC).

- 10 departments have been recognized as 'Research Centers' by Anna University to pursue Ph.D. and also recognized as 'Scientific and Industrial Research Organization' (SIRO) since 2014 by DSIR, Government of India.

- Our institution has received 2nd Rank in Performers band of NSIIR 2023 (National Sustainability Impact Institutions Ranking) organized by NITI AAYOG & ATAL Innovation Mission for our initiatives in support United Nation's Sustainable Development Goals.

- Our research publications have resulted in fetching Scopus h-index 67 and Web of Science h-index 59 for our institution.

- Our institution is the recognized 'Linguaskill Centre' for Cambridge English Assessment in India & one among 25 South Asia Best Preparatory Centers for Business English Certification (BEC).

- So far 57 Sponsored Research Projects to the value of Rs. 5.04 Crores and 48 Faculty Training Programs with a grant of Rs.71.51 lakhs and FIST grant of Rs.71 Lakhs were received from AICTE, NRB, DST, SERB, DBT, NRDMS, ISRO, TNSCST & Anna University etc.

- INAE Innovative Project Awards (21 Projects) were bagged by our students for their innovative projects.

ABOUT THE COLLEGE

- Our Institution is selected under the National level "Unnat Bharath Abyan Programme" by MHRD Government of India and Skill and Personality Development program Centre (SPDP) for SC/ST by AICTE, and received a grant of Rs.17 lakhs grant under PMKVY program.

- Won First AICTE-ECI Chhatra Vishwakarma award in 2017 as a Best Institute at National level.

- Won 1st position in "Utkrisht Sansthan Vishwakarma Award", 2020 by AICTE in association with Ministry of Human Resource and Development (MHRD).

- Secured AICTE-Lilavati Awards in 2021 and 2022: Winner under the stream of Women Security, Runner under Hygiene and Sanitation themes in 2021 and Runner in Women Empowerment 2022.

- College has secured 4star rating for the activities carried out in the campus by Institution's Innovation Council (IIC). In 2023 the college has received 4 project grants worth of Rs.56 Lakhs for Business incubation by MSME, MOE, & Government of India

- Consistently our students are securing winning positions in National Level Innovative idea competitions such as AICTE Smart India Hackathon in Hardware and software, Toycathon, Mapathon etc.

- We have Secured 58th Rank by Internshala Annual Ranking 2023 and our Institution is consistently awarded "National Employability Award" every year since 2017 by Aspiring Minds.

- Our college is recognized as India's Best Engineering Institute 2023 with AAAA rating by Careers 360 organization.

- Our Institution is listed in India Book of Records for hosting National Level FDP on Cloud Infrastructure organized by BRAIN O VISION, and supported by AICTE, Ministry of Education, Govt. of India.

WISE Lab Inaugration

Candela TECHNOLOGIES

Faculty Development Programme

Department of Mathematics & English has organized a Two Day FDP on 08 & 09, November 2024. Dr. S. Vincent, Member Secretary of TNSCST inaugurated the FDP and also it is partially sponsored by TNSCST. Five eminent speakers across the state delivered the expert talks and around 250 participants has registered for the event

Value added course

The 2nd-year MBA students DEPARTMENT TRAINNING PROGRAM in a Personality Development Training Program designed to enhance their communication skills, leadership abilities, and emotional intelligence. The program focused on building confidence, improving interpersonal interactions, and fostering teamwork through various interactive sessions and activities.

Resource Person

Dr. S. Arul Amirtha Raja, Assistant Professor, Department of Mathematics has been invited as the resource person for the National Education Day celebration, organised by Department of Education, Central University of Tamilnadu

Staff Achievements

1 Ms.Archana Jenis M. R. From the Department of computer science and engineering has presented a paper titled "Ethnicity Net at the 3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE-2024) was organized by the Department of Computer Science and Engineering at K.S.R. College of Engineering, Namakkal, Tamil Nadu, in collaboration with Debre Tabor University, Ethiopia, on 22nd and 23rd October 2024.

2 Ms Shiny R M from Department of computer science and engineering has presented a paper titled "Sign language translation and voice impairment system using deep learning "in the 5th International Conference on Data Intelligence and Cognitive Informatics – ICDICI 2024, organized by SCAD College of Engineering from November 18 to November 20, 2024

3 Ms akshmi S from Department of computer science and engineering has presented a paper titled "Parametric Cyber Defense: S sophisticated machine learning architecture for advanced intrusion detection and threat detection"in the 5th International Conference on Data Intelligence and Cognitive Informatics – ICDICI 2024, organized by SCAD College of Engineering from November 18 to November 20, 2024

4 Ms Manochitra S from Department of computer science and engineering has presented a paper titled " A Multimodal Deep Learning Architecture For Accurate Brain Tumor Detection And Classification" in the International Conference on Power, Energy, Control and Transmission Systems, 2024 (IEEE Conference) Organized by Sri Sai Ram Engineering College, Chennai from 08/10/2024 to 09/10/2024.

5 Rajeshkannan, S; Sivakumar, A; Mariappan, M, Gunasekaran, J ," Performance Evaluation of PET Foam and Areca Fruit Fibre Reinforced Modified Cellulose-Vinyl Ester Composite on Thermal and Water Ageing Conditions",Waste And Biomass Valorization (Nov 2024)

6 Raju Jagadeesh Kannan,Malothu Amru, Surulivelu Muthumarilakshmi, JeyaprakashJeyapriya, Stalin Aghalya, Dhakshnamoorthy M," A low-cost localization method in autonomous vehicle by applying light detection and ranging technology", Indonesian Journal of Electrical Engineering and Computer Science, 2024

7 Gousia Thahniyath, Chelluboina Subbarayudu Gangaiah Yadav, Rajagopalan Senkamalavalli, Shanmugam Sathiya Priya, S.Aghalya, Kuppireddy Narsimha Reddy, Subbiah Murugan," Cloud based prediction of epileptic seizures using real-time electroencephalograms analysis" International Journal of Electrical and Computer Engineering, vol 14, no.5, pp. 6047–6056

Staff Achievements

8 Shunmugapriya, K; Kandavalli, SR; Rajeshkannan, S; Lenin, VR," Load bearing investigations on silane coupling grafted PET core and pineapple leaf fibre-vinyl ester sandwich composite building material", Polymer Bulletin, (2024)

9 Dr. M. Arun, Assistant Professor from Department of Mechanical Engineering, Secured Elite Silver Certificate in "Engineering Metrology" in NPTEL Exam.

10 Dr. M. Ganesh, Assistant Professor from Department of Mechanical Engineering, Secured Elite Silver Certificate in " Social Innovation in Industry 4.0" in NPTEL Exam in Association with IIT Kanpur.

11 Mr. G. Ashwin Prabhu, Assistant Professor from the Department of Mechanical Engineering Secured Elite Certificate in the "Basics of Mechanical Engineering - 1" in NPTEL Exam in Association with IIT Kanpur.

12 K. Gnanasekaran, Assistant Professor from department of Mechanical engineering Secured Elite silver certificate in "Basics of Mechanical engineering -1" In NPTEL exam in Association with IIT Kanpur

13 Dr. M. Ganesh, Assistant Professor, Department of Mechanical Engineering, Published a Patent Titled "A Innovative Time Management System for Increased Productivity" Application no: 202441080456 A

14 Dr. M. Ganesh, Assistant Professor, Department of Mechanical Engineering, Published a Patent Titled "An AI-Powered Fraud Detection and Prevention System and MEthod Thereof" Application no: 202421075396 A

Staff Achievements

15 Dr. G. Venkat Narayanan, Associate Professor, Department of Mathematics has successfully Completed a NPTEL Course " Matrix Analysis with Applications" with 69%

16 Dr. K. Suresh, Associate Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 72%
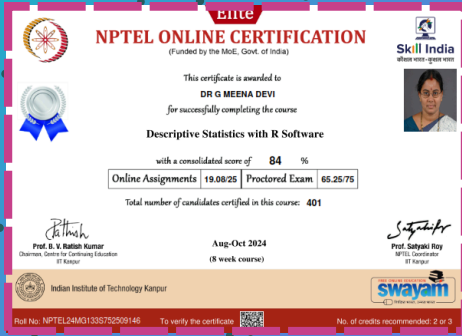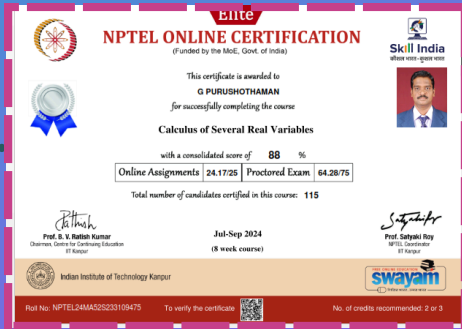
17 Dr. K. Suresh, Assistant Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 61%

18 Dr. S. Arul Amirtha Raja, Assistant Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 71%

19 Dr. S. Gopi Krishna, Assistant Professor, Department of Mathematics has successfully Completed a NPTEL Course "Engineering Mathematics-I" with 64%

20 Dr. P. Saravanan, affiliated with the Department of Science, has authored a research article entitled "Catalytic Conversion of Plastic Waste into Diesel Fuel through Pyrolysis and Hydroprocessing." This article appears in the Journal of Process Safety and Environmental Protection, Volume 193, published in January 2025, spanning pages 327 to 339. The journal boasts an impact factor of 6.9.
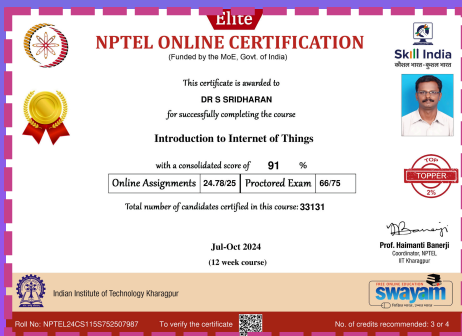
21 Dr. B. Uma Maheswari from Department of computer science and engineering has published Indian Patent on 15/11//2024 in the title called "Machine Learning based Security Analysis System and Method for Thread Detection and Mitigation
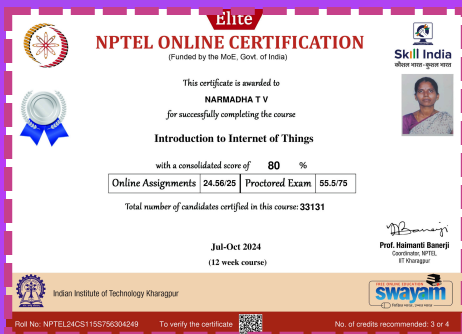
Dr. A. Kubendran, and Dr. Paavaimalar Assistant Professor, Department of Mathematics, English & Tamil has been invited as the resource person for the event

Dr. Paavaimalar Assistant Professor, Department of Mathematics, English & Tamil has been invited as the resource person for the event

We the Department of computer science and engineering proudly present, "Dr Chandrasekar.A" Dean Research of st.josephs group of institution, has guided his "39th PhD Scholar" named " Ms Saraladeve.L" for her successful completion of PhD Viva Voice held on " 18.11.2024" .

Dr. G. Meena Devi, Head & Professor, Department of Mathematics has successfully Completed a NPTEL Course " Descriptive Statistics with R Software" with 84%

Dr. G. Purushothaman, Professor, Department of Mathematics has successfully Completed a NPTEL Course " Calculus of Several Variables" secured Silver Medal with 88%
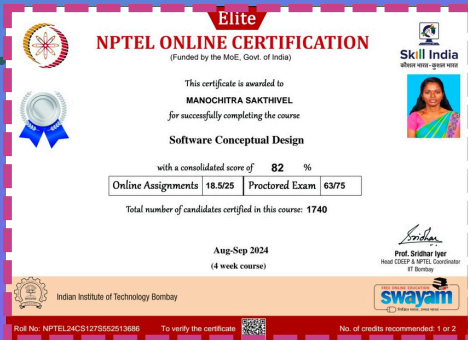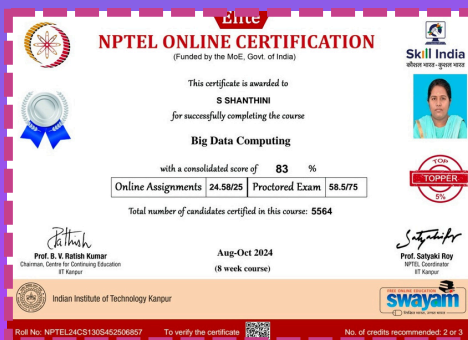

Dr S SRIDHARAN, Associate Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Gold

Dr NARMADHA T V, Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver

Ms.Ramadevi C, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver
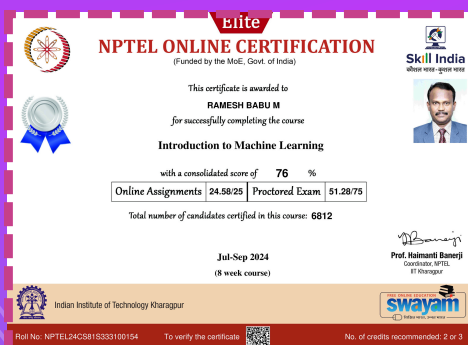
Dr Arun from MBA department has successfully completed two NPTEL courses: Service markerting and Analytics with a score of 78%
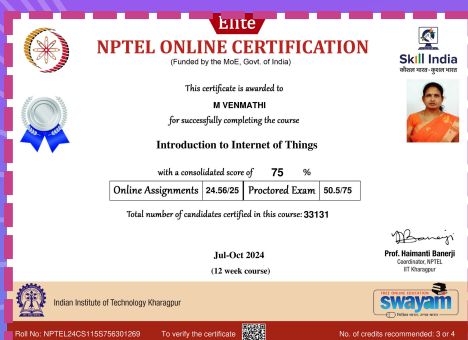

Ms. Manochitra S from Department of computer science and engineering has achieved "Elite + Silver medal" in NPTEL course on "Software Conceptual Design"
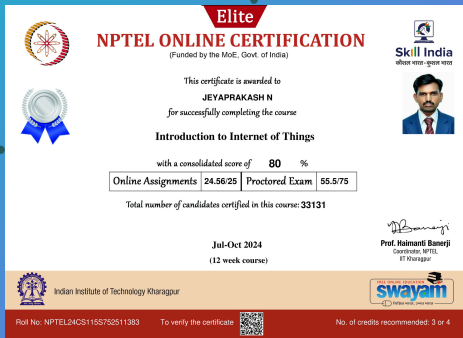

Ms. S Shanthini from the CSE department has successfully completed the NPTEL Online certification course on Big Data Computing with elite silver and ranked in the top 5%, as organized by NPTEL.
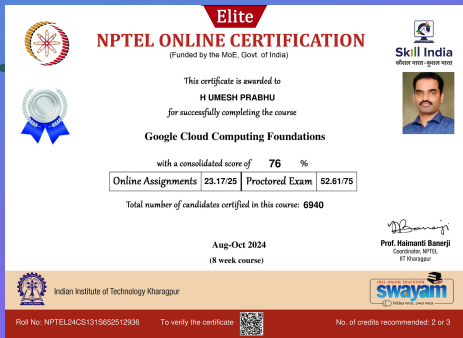

Dr M RAMESH BABU, Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver
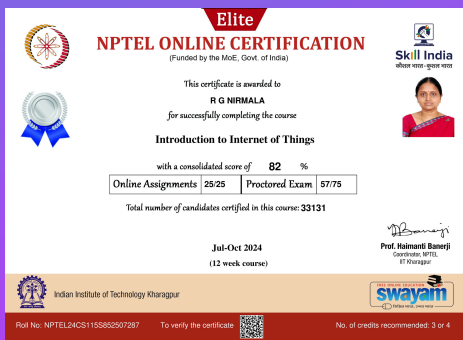

Dr M VENMATHI, Associate Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver
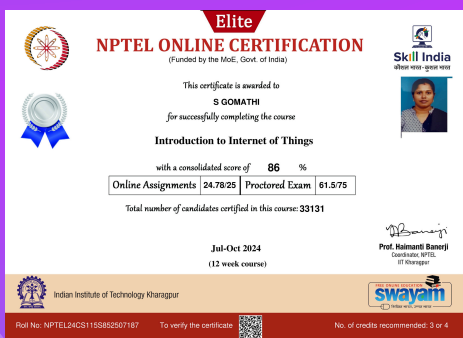
Mr. JEYAPRAKASH N, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver.
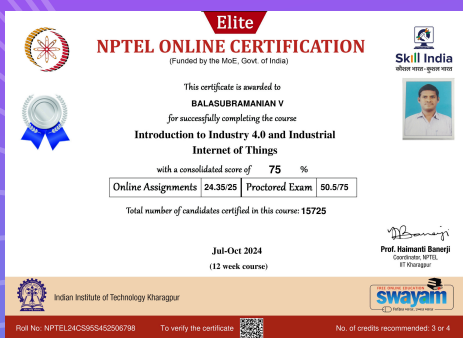
Mr. H UMESH PRABHU, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Google Cloud Computing Foundations" also achieved certificate of ELITE with Silver.

s. R G NIRMALA, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver.

Ms. S GOMATHI, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver
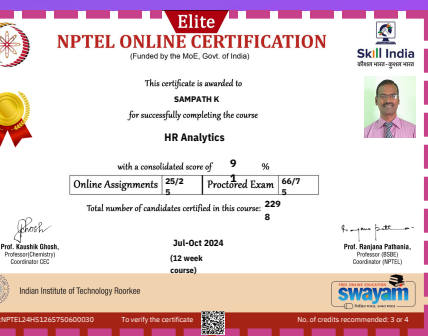
Mr. BALASUBRAMANIAN V, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Industry 4.0 and Industrial Internet of Things" also achieved certificate of ELITE with Silver.
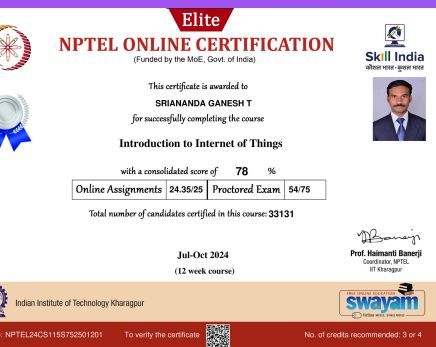
Mr. A.Sadeesh kumar, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Accreditation and Outcome based Learning" also achieved certificate of ELITE with Silver.

S.Ramadevi C, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Introduction to Internet of Things" also achieved certificate of ELITE with Silver

Professor Sampath from MBA department has successfully completed two NPTEL courses: HR Analytics with a score of 78% and Customer Relationship Management (CRM) with a score of 91%.

Mr. SRIANANDA GANESH T, Assistant Professor, Department of Electrical and Electronics Engineering has successfully Completed a NPTEL Course "Fundamentals of Artificial Intelligence" & "Introduction to Internet of Things" also achieved certificate of ELITE with Silver

Student Achievements

ECE Students Shine in NPTEL Certifications!

Our students continue to excel in online learning! Congratulations to:

- Bhargavi. Y. R. (Final Year ECE) and Danusri B. (Third Year ECE) for achieving **Elite + Gold** in "Introduction to Internet of Things."
- Vanmathi Gunasekaran (Second Year ECE) for securing **Elite + Gold** in "Business Fundamentals for Entrepreneurs (Part 1: Internal Operations)."

Additionally, a total of 55 students from ECE department have earned **Elite + Silver certifications** in various NPTEL courses.

PLACEMENT NEWS

"Initiating the Gateway to Premier Careers!"

PLACEMENTS
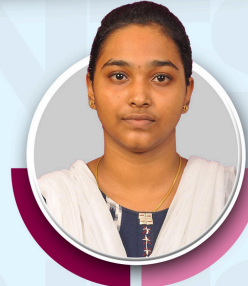## 2024-25

CTC Rs. **6-8** LAKH PER ANNUM

Edu-versity

BHUVANESHWARI C
(INTEGRATED)

KOLLA KUMAR SWAMI
(INTEGRATED)

CARLIN FEDORA P

CHARUMATHI M

DEIVANAI S

DHARANI SHREE D

JEBA SNEHA M

NIRANCHANA A

NIVETHA D

APARNA K

DEEPAK P

JANANI SRI S

MANJULA J

DEPARTMENT OF MBA

INTERNATIONAL
INTERNSHIP
WITH **STIPEND**

FUSO

Mitsubishi Fuso Kawasaki Plant

JAPAN

¥ **130,000**

(Rs. 71,000/-)

PER MONTH

STIPEND

NEWS

MICHAEL JEREMIAH S

Batch 2022–26
Department of Mechanical Engineering

SPORTS

47th YONEX - JUNIOR NAT BADMINTON CHAMPION

19-25 NOVEMBER 2024, BHU

www.osbaodisha.org

SILVER MEDAL

Ms. Hashini (II IT)

ACHIEVEMENTS

47th JUNIOR NATIONAL
BADMINTON CHAMPIONSHIP

State Level
Open Kabaddi Women Tournament
WINNERS

Anna University
Interzone Women Kabaddi Tournament
WINNERS

SPORTS ACHIEVEMENTS

INDUSTRY READY ENGINEERS

WE PRODUCE
INDUSTRY - READY
ENGINEERS!

244
STUDENTS

ARE CERTIFIED IN 9

COURSES OFFERED BY

- 1D SIMULATION FOR EV & HYBRID EV
- LOW CODE APPLICATIONS DEVELOPMENT
- INDUSTRY 4.0 USING TECNOMATRIX PLANT
- NEW PRODUCT DEVELOPMENT USING SIEMENS NX CAD
- ROBOTICS AND AUTOMATION
- INDUSTRIAL AUTOMATION & ITS APPLICATION
- DATA ANALYTICS USING POWER BI
- INDUSTRIAL AUTOMATION USING SIEMENS IOT
- INTERACTIVE AR, VR AND MR TECHNOLOGIES

4.0 READY

TIDCO

TANSAM
TAMIL NADU SMART AND ADVANCED MANUFACTURING CENTRE
POWERED BY SIEMENS

WE PRODUCE
INDUSTRY-READY
ENGINEERS!

OUR STUDENTS ARE CERTIFIED IN

CDAC

COURSES
OFFERED BY
GOVERNMENT FIRMS

CII

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING
BOOTCAMP ON
CLOUD COMPUTING
393 STUDENTS

CONFEDERATION OF INDIAN INDUSTRY
LOGISTICS AND
SUPPLY CHAIN MANAGEMENT
125 STUDENTS