



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

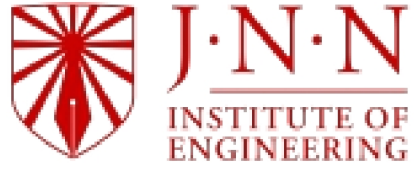
1.2.2 Number of Add on /Certificate programs offered during the last five years

DVV FINDINGS

DVV has made the changes as per provided summary report.

INDEX

S.NO	DESCRIPTION	PAGE NO
1	CERTIFICATE OF HOI	2
2	LIST OF ADD ON COURSES - 2019-20 WITH JUSTIFICATION	4
3	LIST OF ADD ON COURSES - 2018-19 WITH JUSTIFICATION	7
4	LIST OF ADD ON COURSES - 2017-18	10
5	LIST OF ADD ON COURSES - 2016--17	13
6	LIST OF ADD ON COURSES - 2015-16	16
7	SUMMARY REPORT	19



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

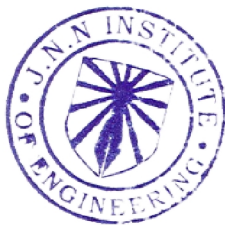
CERTIFICATE OF HOI

TO WHOMSOEVER IT MAY CONCERN

Based on the DVV clarification and change of input, the HEI would link to state that NPTEL programmes organised during the Academic Year 2019-20 and Academic Year 2018-19 are more than 30 hours of duration.

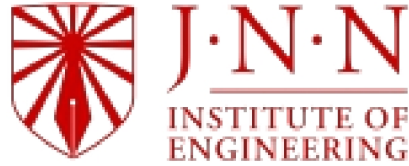
The details of number of Add on /Certificate programs offered during the last five years are given below:

ACADEMIC YEAR	2019-20	2018-19	2017-18	2016-17	2015-16
NO OF ADD COURSES	19	20	18	19	18



PRINCIPAL

Dr.A.V. MAYAKKANNAN, M.E., Ph.D.,
PRINCIPAL
J.N.N INSTITUTE OF ENGINEERING
90, Ushaa Garden, Kannigaipair,
Chennai-Periyapalayam Highway,
Tiruvallur Dist. - 601102.



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

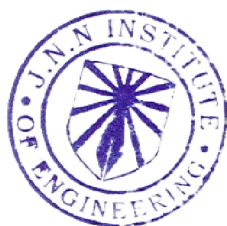
LIST OF ADD ON COURSES 2019-20 WITH JUSTIFICATION

TO WHOMSOEVER IT MAY CONCERN

The list of Add on Courses for the Academic Year 2019-20 is given below

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Remarks (NPTEL course duration in hours)
Visualisation of a framed structure using VR applications	CEVFSVA	2019-20	1	35 Hrs	9	9	
Finite Element Analysis of RCC structures	CEFEARS	2019-20	1	35 Hrs	12	12	
3DS MAX - A evolutionary program in sketching the building	CEEPSB	2019-20	1	35 Hrs	20	20	
Ethical Hacking & Cyber Security	CSEHACK-20	2019-20	1	37 Hrs	51	48	
Data Science With Hadoop	CSDS&HADO OP-19	2019-20	1	42 Hrs	35	27	
Block Chain In IoT	CSBCH&IOT-19	2019-20	1	42 Hrs	26	25	
PLC Designing and Automation	EEPDA	2019-20	1	35 Hrs	37	35	
Solar Photovoltaic And Its Applications	EESPV	2019-20	1	35 Hrs	28	28	
PV System Design And Cost	EEPVC	2019-20	1	35 Hrs	37	36	

Estimation							
Machine Learning	ECML20	2019-20	1	35 Hrs	46	44	
IoT With Arduino Programming	ECIOT20	2019-20	1	42 Hrs	52	49	
AI Using Raspberry Pi	ECAI19	2019-20	1	42 Hrs	54	50	
Course On Auto Cad For Mechanical Engineers	MEAME19	2019-20	1	48 Hrs	19	15	
Course On 3D - Modelling For Mechanical Engineers	MEMME19	2019-20	1	48 Hrs	25	23	
Course On Simulation And Analysis For Mechanical Engineers	MESAM19	2019-20	1	48 Hrs	39	35	
Application of Engineering Mathematics	JNNAEM19	2019-20	1	48 Hrs	55	55	
International Trade Procedure and Documentation	MS201	2019-20	1	35 Hrs	25	24	
Performance Management System and Competency Mapping	MS192	2019-20	1	35 Hrs	30	30	
C Programming And Assembly Language	NPTEL	2019-20	1	4 weeks	1	1	36 Hrs



Araya

PRINCIPAL

Dr.A.V. MAYAKKANNAN, M.E., Ph.D.

PRINCIPAL

J.N.N INSTITUTE OF ENGINEERING

90, Ushaa Garden, Kannigaipair
Chennai-Periyapalayam Highway,
Tiruvallur Dist. - 601102.



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

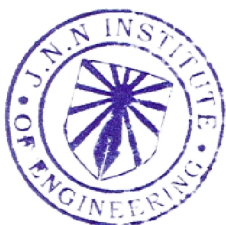
LIST OF ADD ON COURSES 2018-19 WITH JUSTIFICATION

TO WHOMSOEVER IT MAY CONCERN

The list of Add on Courses for the Academic Year 2018-19 is given below

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Remarks (NPTEL course duration in hours)
GPS operation for Engineers and Technical Professionals	CEGOETP	2018-19	1	35 Hrs	12	12	
Automation in Structural Design and Analysis Using MATLAB	CEASDAM	2018-19	1	35 Hrs	20	20	
Building Information Modelling	CEBIM	2018-19	1	35 Hrs	32	32	
Basics of Robotics	CSBR-19	2018-19	1	42 Hrs	34	32	
IoT With Arudino Programming	CSIOT-19	2018-19	1	42 Hrs	22	21	
Deep Learning with Tensorflow	CSDEEPL-18	2018-19	1	42 Hrs	35	34	
3D Machine Design On CAD	EECAD	2018-19	1	35 Hrs	37	35	
SCADA Programming	EESCD	2018-19	1	35 Hrs	28	26	
Industrial Automation On Robotics	EEIAR	2018-19	1	35 Hrs	12	12	

IoT Based On Sensor Guided Robotics	ECSGR19	2018-19	1	35 Hrs	52	50	
Advance Digital Signal Processing	ECPIC19	2018-19	1	35 Hrs	54	53	
Digital Signal Processing Using Python	ECDSPP18	2018-19	1	42 Hrs	34	32	
Course On 2-D Machine Drawing	ME2DMD 18	2018-19	1	48 Hrs	29	26	
Course On Product Design And 3D Printing	MEPD3DP 18	2018-19	1	40 Hrs	41	36	
Course On Hyper Mesh	MEHM 18	2018-19	1	44 Hrs	35	32	
Non Destructive Testing	JNNNDT18	2018-19	1	40 Hrs	52	52	
Channel Management in Marketing	MS191	2018-19	1	35 Hrs	30	30	
Managing E Commerce in Business	MS182	2018-19	1	35 Hrs	20	20	
Evolution of Air Interface Towards 5G	NPTEL	2018-19	1	8 weeks	1	1	72 Hrs
Cloud Computing	NPTEL	2018-19	1	8 weeks	3	3	72 Hrs



Arayan

PRINCIPAL

Dr.A.V. MAYAKKANNAN, M.E., Ph.D.,
PRINCIPAL

J.N.N INSTITUTE OF ENGINEERING
90, Ushaa Garden, Kannigaipair
Chennai-Periyapalayam Highway,
Tiruvallur Dist. - 601102.



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

LIST OF ADD ON COURSES

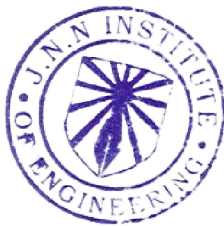
2017-18

TO WHOMSOEVER IT MAY CONCERN

The list of Add on Courses for the Academic Year 2017-18 is given below

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Remarks (NPTEL course duration in hours)
Essentials of Planning and Drawing of structures for Beginners	CEEPDSB	2017-18	1	35 Hrs	20	20	
Autodesk Revit Architecture	CEARA	2017-18	1	35 Hrs	35	32	
Fundamentals of ANSYS	CEFOA	2017-18	1	35 Hrs	34	34	
Computer Vision In Artificial Intelligence	CSCVS-18	2017-18	1	36 Hrs	26	26	
Web and Machine Learning	CSWEB&ML-17	2017-18	1	42 Hrs	30	30	
Data Analytics with R	CSDAR-17	2017-18	1	37 Hrs	27	24	
Arduino & Robotics	EEARO	2017-18	1	35 Hrs	28	25	
Ladder Program for Domestic Application	EELDA	2017-18	1	35 Hrs	12	12	
Circuit Board Design And	EECDM	2017-18	1	35 Hrs	17	17	

Manufacturing							
C# , Asp Dot Net	ECCSI18	2017-18	1	35 Hrs	55	51	
Network and System Security	ECNSS17	2017-18	1	42 Hrs	34	34	
Mobile Application Development	CSMAD17	2017-18	1	35 Hrs	28	27	
Course On Drafting And Modelling By Auto Cad	MEDMA 17	2017-18	1	38 Hrs	44	42	
Course On I.C Engines	MEICE 17	2017-18	1	36 Hrs	54	52	
Course On NDT	MENDT 17	2017-18	1	40 Hrs	44	40	
Basics of Spectrometers	JNNBOS17	2017-18	1	48 Hrs	56	56	
Risk Management in Secondary Market	MS181	2017-18	1	35 Hrs	20	20	
Fundamentals of Search Engine Optimization	MS172	2017-18	1	35 Hrs	26	26	



Arun

PRINCIPAL

Dr.A.V. MAYAKKANNAN, M.E., Ph.D.,
PRINCIPAL

J.N.N INSTITUTE OF ENGINEERING

90, Ushaa Garden, Kannigaipair
Chennai-Periyapalayam Highway,
Tiruvallur Dist. - 601102.



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

LIST OF ADD ON COURSES

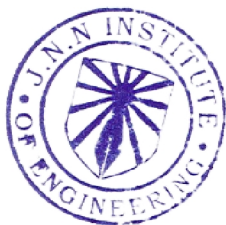
2016-17

TO WHOMSOEVER IT MAY CONCERN

The list of Add on Courses for the Academic Year 2016-17 is given below

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Remarks (NPTEL course duration in hours)
Drafting of Structures	CEDOS	2016-17	1	35 Hrs	35	33	
Effective Analysis of Multistorey Building	CEEAMB	2016-17	1	35 Hrs	34	34	
Role of Computer Graphics Program in Civil Engineering	CERCGPCE	2016-17	1	35 Hrs	45	45	
Oracle Programming with PL/SQL	CSORACLE-17	2016-17	1	37 Hrs	35	34	
Hardware Training & Networking	CSHT&NET-16	2016-17	1	35 Hrs	24	23	
Testing Automation with Selenium	CSSELENIUM-16	2016-17	1	42 Hrs	32	32	
Industrial Embedded Controlling Strategy	EEIEC	2016-17	1	35 Hrs	12	12	
Matlab Simulation and Applications	EEMAT	2016-17	1	35 Hrs	17	16	
Circuit Design and Fabrication	EECDF	2016-17	1	35 Hrs	35	33	
Java Programming	ECJPD17	2016-17	1	35 Hrs	41	39	

with Data Connectivity							
Advanced Java Programming	CSADJ17	2016-17	1	35 Hrs	31	30	
Introduction to Cloud Computing and Applications	ECCCA16	2016-17	1	42 Hrs	54	51	
Course On 2D - Drafting	ME2DD 16	2016-17	1	42 Hrs	54	50	
Course On Solid Works	MESW 16	2016-17	1	35 Hrs	50	46	
Course On Additive Manufacturing	MEAM 16	2016-17	1	38 Hrs	60	52	
Pattern Recognition and Image Processing	ITPRI	2016-17	1	35 Hrs	10	10	
Materials for Engineers	JNNMFE16	2016-17	1	40 Hrs	55	55	
Product Development strategies and Process	MS171	2016-17	1	35 Hrs	25	25	
Secure Electronic Payment System for e-Business	MS162	2016-17	1	35 Hrs	11	11	



Arayan

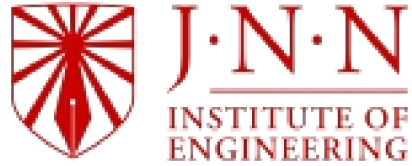
PRINCIPAL

Dr.A.V. MAYAKKANNAN, M.E., Ph.D.,

PRINCIPAL

J.N.N INSTITUTE OF ENGINEERING

90, Ushaa Garden, Kannigaipair,
Chennai-Periyapalayam Highway,
Tiruvallur Dist. - 601102.



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

LIST OF ADD ON COURSES

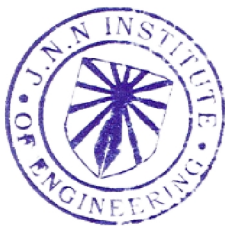
2015-16

TO WHOMSOEVER IT MAY CONCERN

The list of Add on Courses for the Academic Year 2015-16 is given below

Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Remarks (NPTEL course duration in hours)
Computer-Application for Civil Engineers Using Autocadd	CECACE	2015-16	1	35 Hrs	34	34	
Introduction to STAAD PRO	CEISP	2015-16	1	35 Hrs	45	45	
Android APP Development	CSAPPDEV-16	2015-16	1	37 Hrs	26	24	
Adobe Photosuit	CSAPSUIT-15	2015-16	1	37 Hrs	31	31	
Software Quality Tester	CSSQT-15	2015-16	1	37 Hrs	51	51	
AutoCAD Electrical	EECDE	2015-16	1	35 Hrs	17	15	
Condition Monitoring of Machine using Labview	EECML	2015-16	1	35 Hrs	35	32	
PCB Design And Fabrication	EEPCB	2015-16	1	35 Hrs	48	43	
PLC Programming for Engineers	ECPLCE16	2015-16	1	35 Hrs	28	26	
Web Development	CSWD16	2015-16	1	35 Hrs	56	53	
Embedded Programming For	ECPIC15	2015-16	1	35 Hrs	56	54	

PIC Microcontroller							
Course On Autodesk Fusion 360	MEF15	2015-16	1	40 Hrs	41	36	
Course On Engineering Metrology	MEEM 15	2015-16	1	42 Hrs	50	48	
Course On Processing And Characterization Of Composite Materials	MEPCCM 15	2015-16	1	45 Hrs	44	42	
IoT and Data Analytics	ITIoTDA	2015-16	1	35 Hrs	27	27	
Language Buildup for Beginners	JNNLBB15	2015-16	1	40 Hrs	56	56	
Cyber Crime And IT Law In Banking	MS161	2015-16	1	35 Hrs	11	10	
Taxation and Financial Decision Making	MS152	2015-16	1	35 Hrs	15	15	

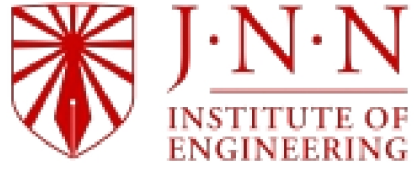


Arun

PRINCIPAL

**Dr.A.V. MAYAKKANNAN, M.E., Ph.D.,
PRINCIPAL**

J.N.N INSTITUTE OF ENGINEERING
90, Ushaa Garden, Kannigaipair
Chennai-Periyapalayam Highway,
Tiruvallur Dist. - 601102.



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

SUMMARY REPORT



An ISO 9001:2015 Certified Institution

Approved by AICTE New Delhi | Affiliated to Anna University, Chennai

90, Ushaa Garden, Kannigaipair, Chennai - Periyapalayam Highway, Tiruvallur, TN 601102.

Tel: 044-27629613 / 9600057121, E-mail: info@jnn.edu.in, www.jnn.edu.in

WEB LINK

LINK FOR BROCHURE

<https://www.jnn.edu.in/wp-content/uploads/2021/05/1.2.2-brochure-04052021162021.pdf>

LINK FOR SUPPORTING DOCUMENT

<https://www.jnn.edu.in/wp-content/uploads/2021/06/1.2.2.1.1@jnnie.pdf>