



# Indra Ganesan

## COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

# NAAC DOCUMENTS

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## QUALITY INDICATOR FRAME WORK

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### CRITERION – 1

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## CURRICULAR ASPECTS

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SUBMITTED BY

**IQAC**

INTERNAL QUALITY ASSURANCE CELL

**INDRA GANESAN COLLEGE OF ENGINEERING**





**Dr. G. Balakrishnan, M.E. Ph.D.,**  
Principal

# Indra Ganesan

## COLLEGE OF ENGINEERING

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IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620 012

### TO WHOMSOEVER IT MAY CONCERN

**1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.**

Feedback process of the institution may be classified as follows:

- A. Feedback collected, analyzed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website
- B. Feedback collected and analyzed
- C. Feedback collected
- D. Feedback not collected

**Response: Option A. Feedback collected, analyzed, action taken & Communicated to the relevant bodies and feedback hosted on the institutional website.**

**PRINCIPAL**

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012



<b>Criterion 1</b>	<b>Curricular Aspects</b>	<b>100</b>
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1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

**2020-2021**

<b>S.NO</b>	<b>DETAILS</b>	<b>PAGE NO</b>
1.	<b>FEEDBACK ANALYSIS REPORT (Student, Faculty, alumni, Parent, Employer)</b>	<b>04-13</b>
2.	<b>ACTION TAKEN REPORT</b>	<b>14-15</b>
3.	<b>PROOF OF ACTION REPORT</b>	<b>15-25</b>



# INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## STUDENT FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2020-21

### A.STUDENT FEEDBACK ON CURRICULUM

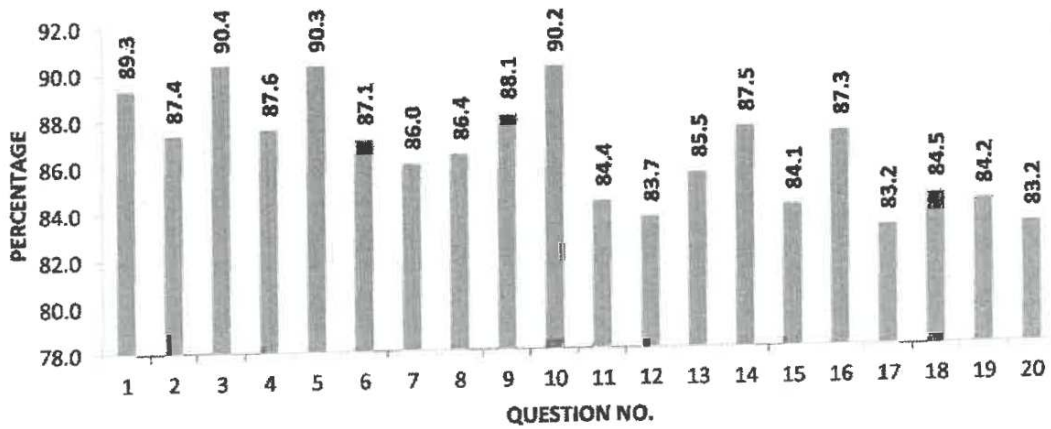
S.No.	QUESTIONS	PERCENTAG
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	89.3
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	87.4
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	90.4
4.	Rate the adequate number of text books and reference books mentioned for the courses.	87.6
5.	Rate the implementation of CBCS in the Curriculum.	90.3
6.	Rate the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, carrier orientation and research work.	87.1
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	86.0
8.	Rate the availability of course content with respect to industry readiness.	86.4
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	88.1
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	90.2

### B.STUDENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	84.4
12.	Rate the availability of text & reference books and journals in the central library.	83.7
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	85.5
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	87.5
15.	Rate the quality, quantity and price of food served to the students in the canteen.	84.1
16.	Rate the transport facility provided by the Institution.	87.3
17.	Rate the facility available for waste disposal in the college campus.	83.2
18.	Rate the facility available for disabled friendly environment in the college campus.	84.5
19.	Rate the availability of renewable energy sources in the college campus.	84.2
20.	Rate the best practices implemented by the Institution.	83.2

Dr. G. Balakrishnan, M.E., Ph.D.  
Dr. G. Balakrishnan, M.E., Ph.D.  
Principal  
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Manikandam, Trichy-620 012.  
Manikandam, Trichy-620 012.

## Student Feedback on Academic Performance and Ambience Academic Year 2020-2021



*[Signature]*  
IQACC Coordinator

*[Signature]*  
Principal

*[Signature]*  
**Dr. G. Balakrishnan, M.E., Ph.D.**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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# INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India  
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## FACULTY FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2020-21

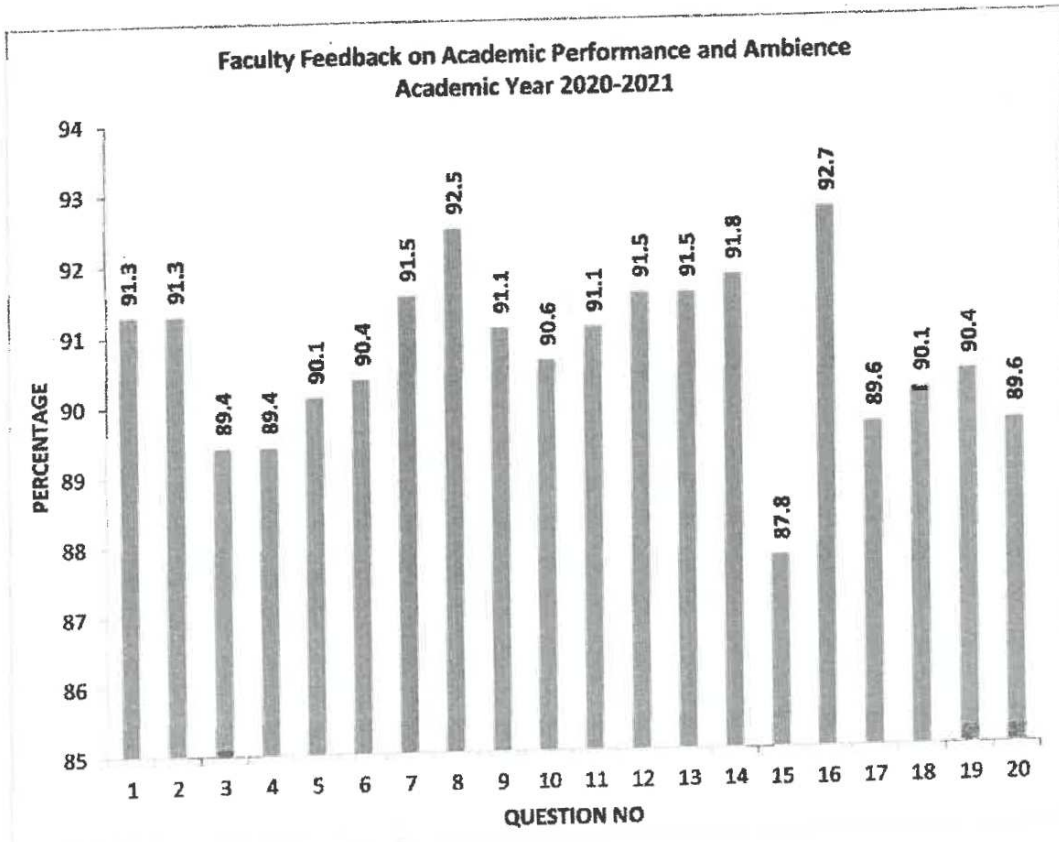
### A. FACULTY FEEDBACK ON CURRICULUM

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the clarity in definition of course objectives and outcomes in the syllabus.	91.3
2.	Rate the allocations of hours prescribed in the syllabus with respect to the course content.	91.3
3.	Rate the number of text and reference books mentioned in the syllabus.	89.4
4.	Rate the coverage of units as per the prescribed text books and reference books.	89.4
5.	Rate the content of recent technologies mentioned in the syllabus.	90.1
6.	Rate the clarity of mapping the COs with POs and PSOs in the syllabus.	90.4
7.	Rate the availability of curriculum to bridge the gap between the industry and institute.	91.5
8.	Rate the course content that supports to enrich the faculty knowledge for continuous teaching and learning process.	92.5
9.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	91.1
10.	Rate the electives offered in the curriculum in relevance to technological advancements.	90.6

### B. FACULTY FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of ERP software, ICT facilities used for teaching and learning process.	91.1
12.	Rate the availability of text & reference books and journals in the library.	91.5
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	91.5
14.	Rate the faculty performance appraisal system implemented by the Institution.	91.8
15.	Rate the quality, quantity and price of food offered in the canteen.	87.8
16.	Rate the transport facility provided by the Institution.	92.7
17.	Rate the facility available for waste disposal in the college campus.	89.6
18.	Rate the facility available for disabled friendly environment in the college campus.	90.1
19.	Rate the availability of renewable energy sources in the college campus.	90.4
20.	Rate the welfare measures implemented by the Institution for staff.	89.6

  
D. G. Balakrishnan, M.E., Ph.D.  
Principal  
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Manikandam, Trichy-620 012.



*[Signature]*  
ICAC Coordinator

*[Signature]*  
Principal

*[Signature]*  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
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## PARENTS FEEDBACK ANALYSIS ON Academic Performance and Ambience ACADEMIC YEAR 2020-21

### A.PARENT FEEDBACK ON CURRICULUM

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	90.6
2.	Rate the electives offered in the curriculum in relevance to technological advancements.	89.4
3.	Rate the availability of course content with respect to industry readiness.	91.4
4.	Rate the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, carrier orientation and research work.	90.3
5.	Rate the usefulness curriculum for lifelong learning.	90.7

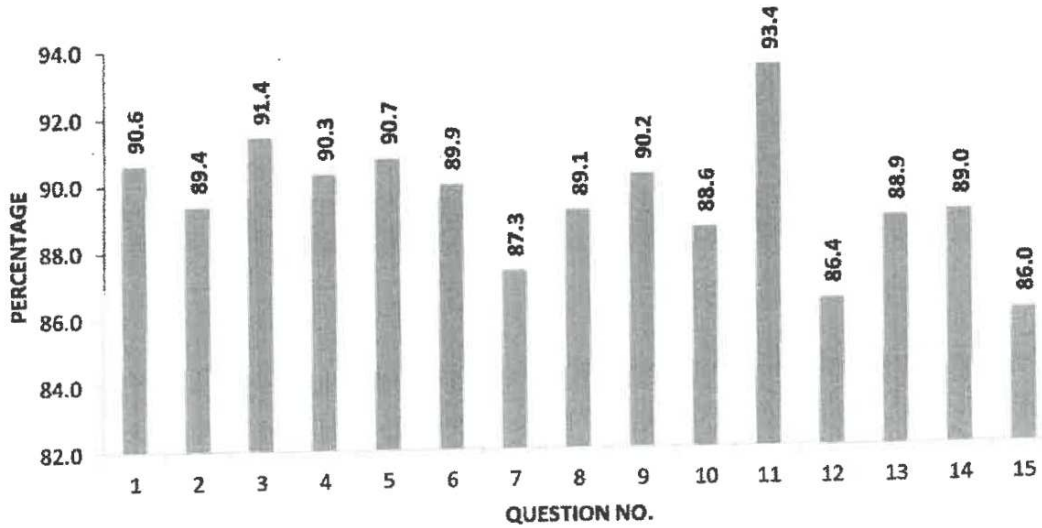
### B.PARENT FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	89.9
7.	Rate the availability of text & reference books and journals in the central library.	87.3
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	89.1
9.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	90.2
10.	Rate the quality, quantity and price of food served to the students in the canteen.	88.6
11.	Rate the transport facility provided by the Institution.	93.4
12.	Rate the facility available for waste disposal in the college campus.	86.4
13.	Rate the facility available for disabled friendly environment in the college campus.	88.9
14.	Rate the availability of renewable energy sources in the college campus.	89.0
15.	Rate the student welfare measures offered by the Institution.	86.0

  
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Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal,  
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Manikandam, Trichy-620 012.



## Parents Feedback on Academic Performance and Ambience Academic Year 2020-2021



*Regathi*  
IQAC Coordinator

*[Signature]*  
Principal

*[Signature]*  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
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**ALUMNI FEEDBACK ANALYSIS ON  
Academic Performance and Ambience**

**ACADEMIC YEAR 2020-21**

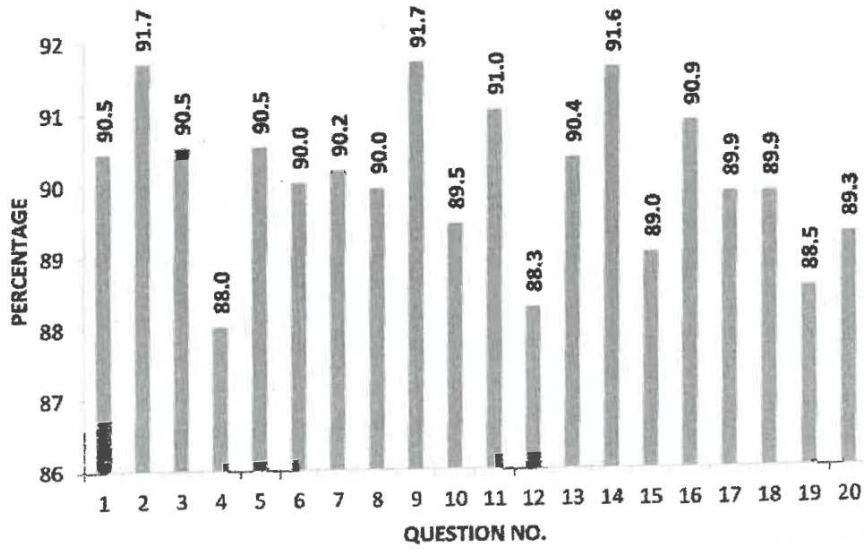
**A. ALUMNI FEEDBACK ON CURRICULUM**

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	90.5
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	91.7
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	90.5
4.	Rate the adequate number of text books and reference books mentioned for the courses.	90.5
5.	Rate the implementation of CBCS in the Curriculum.	88.0
6.	Rate the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, carrier orientation and research work.	90.5
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	90.0
8.	Rate the availability of course content with respect to industry readiness.	90.2
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	90.0
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	91.7
<b><u>B. ALUMNI FEEDBACK ON AMBIENCE (INFRA STRUCTURE)</u></b>		
11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	89.5
12.	Rate the availability of text & reference books and journals in the central library.	91.0
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	88.3
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	90.4
15.	Rate the quality, quantity and price of food served to the students in the canteen.	91.6
16.	Rate the transport facility provided by the Institution.	89.0
17.	Rate the facility available for waste disposal in the college campus.	90.9
18.	Rate the facility available for disabled friendly environment in the college campus.	89.9
19.	Rate the availability of renewable energy sources in the college campus.	88.5
20.	Rate the best practices implemented by the Institution.	89.3

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal

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**Alumni Feedback on Academic Performance and Ambience  
Academic Year 2020--2021**



*[Signature]*  
IQAC Coordinator

*[Signature]*  
Principal

*[Signature]*  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
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## EMPLOYER FEEDBACK ANALYSIS ON

### Academic Performance and Ambience

ACADEMIC YEAR 2020-21

#### A.EMPLOYER FEEDBACK ON CURRICULUM

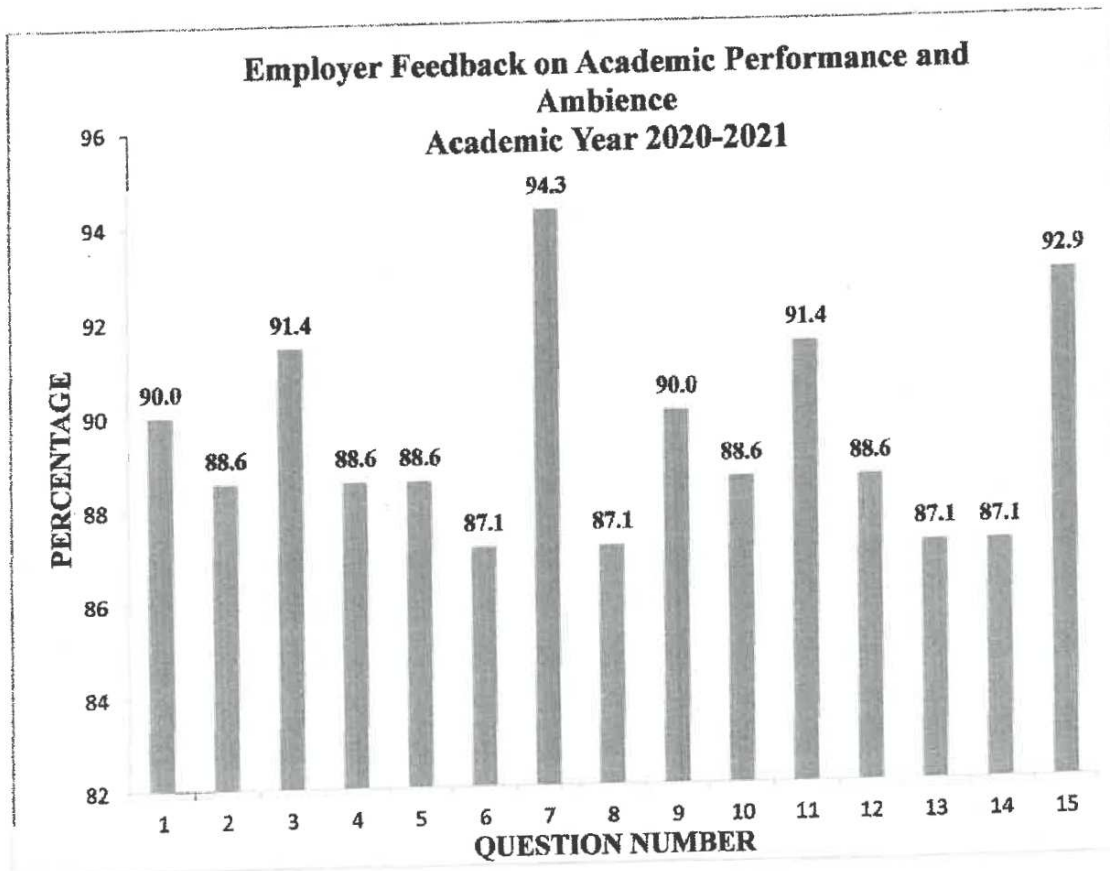
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the availability of Curriculum that suitable for recruitment of students.	90
2.	Rate the availability of course content with respect to industry readiness.	89
3.	Rate the electives offered in the curriculum in relevance to technological advancements.	91.4
4.	Rate the availability of curriculum to bridge the gap between the industry and institute.	89
5.	How do you rate the overall content of the curriculum?	89

#### B.EMPLOYER FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for pre placement training.	87
7.	Rate the availability of aptitude/competitive examination books in the central library.	94.3
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for recruitment drive.	87
9.	Rate the functioning of Training & Placement cell of the Institution.	90
10.	Rate the capacity building programmes offered by the Institution to enhance employability skills of the students.	89
11.	Rate the learning experience offered in terms of problem solving/experiential learning to the students of the Institutions.	91
12.	Rate the facility available for waste disposal in the college campus.	89
13.	Rate the facility available for disabled friendly environment in the college campus.	87
14.	Rate the availability of renewable energy sources in the college campus.	87
15.	Rate the initiatives taken by the Institution for water conservation.	93

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



  
IQAC Coordinator

  
Principal

  
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Manikandam, Trichy-620 012.



# Indra Ganesan

**COLLEGE OF ENGINEERING**

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli- 620 012  
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Date: 09.03.2021

## STAKEHOLDER FEEDBACK ON ACADEMIC PERFORMANCE & AMBIENCE ACTION TAKEN REPORT -2020-2021

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2017 curriculum and the syllabus followed in our Institution from the various stake holders (Students, Faculty members, Alumni, Employer, and Parents) offered by Anna University Chennai.

As a result, the collected feedback about the curriculum and syllabus were analyzed and based on the suggestion/representation received from the stakeholder in every department for bridging the curricular gap the following topics were suggested to include in existing Anna University R-2017 Curriculum and Syllabus with recent trends for the benefit of the students community.

Sl.No	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech-Agricultural Engineering	CE8351	Surveying	Advanced Surveying	4
2.	B.E-Computer Science and Engineering	CS3491	Artificial Intelligence and Machine Learning	Clustering	4
3.	B.E-Mechanical Engineering	ME 8691	Master CAM	CAD/CAM Concepts	1
		ME 8381	Application of NX CAD	CAD Drawing Standards	1
4.	B.E-Electrical and Electronics Engineering	EE8501	Power System Analysis	Carry out short circuit studies on power system	3

In this regard we kindly request you to discuss the above recommendations in the forthcoming Board of Studies(BoS) meeting and do the needful for the betterment of students Community.

PRINCIPAL

  
Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



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In this regard we sent a letter to Anna University and Requested to discuss the above recommendations in the forthcoming Board of Studies (BoS) meeting for the betterment of students' community.

In addition to that, the following Value added courses were offered by all Departments of IGCE in the academic year 2020-2021 to enhance the curricular content with recent trend for the benefit of the student community with the approval from various Departments.

List of Value added courses conducted to bridge the curricular gap:

Sl.No	Value Course Name	Department
1.	Advanced Surveying	Civil Engineering
2.	Machine Learning With R	Computer Science and Engineering
3.	Master CAM Application of NX CAD	Mechanical Engineering
4.	IoT-Raspberry Pi	Electrical & Electronics Engineering

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Principal

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**PRINCIPAL**



# Indra Ganesan

**COLLEGE OF ENGINEERING**  
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## Report On Value Added Course

Title	<b>MACHINE LEARNING WITH R</b>				
Resource Person:	Mr.Eswaran, Project Manager Mind Soft Technologies, Bangalore				
Date of conduct from :	<b>14.12.2020</b>	To:	<b>18.12.2020</b>	Duration:	<b>30 Hours</b>
Organized Department	<b>COMPUTER SCIENCE AND ENGINEERING</b>				
Participant	<b>CSE IV,III ,II and PG I Year</b>	No. of Students Registered	<b>82</b>		
Venue:	<b>online mode Google Meet: meet.google.com/14.12.2020 to 18.12.2020</b>				

**Outcome of Value Added Course (VAC): At the end of the Course, Students can able to**

- Know the fundamentals of MACHINE learning and its architecture.
- Discuss Module, controllers, Events
- Apply inbuilt and custom pipes
- Develop object-oriented Ruby programs using classes and objects
- Design forms and Modules in Machine Learning
- Explain Services, Animations, Routing.


### Assessment Process

- Students, who are securing **more than 60% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

  
VAC Coordinator

  
HoD/CSE

  
Principal

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
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# Indra Ganesan

**COLLEGE OF ENGINEERING**

Madurai Main Road (NH-45B), Manikandam, Trichy-12.

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. .... **PRINCY DEEPA X** ..... of  
..... **IV YEAR CSE** ..... has successfully completed the Value Added Course on  
*Machine Learning With R* organized by Department of Computer Science and Engineering and  
IQAC of our Institution in Association with Mind Soft Technologies from 14th Dec 2020 TO 18th  
Dec 2020 during the Academic Year 2020-2021.

**Mr. Eswaran, Project Manager**  
**Mind Soft Technologies**

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

**Principal**  
**IGCE**



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## REPORT ON VALUE ADDED COURSE

Title: "Application of NX-CAD"

Resource Person1: Mr. Balaji  
Trainer  
CADD centre  
Trichy

Mr. Sundara Moorthi  
Trainer  
CADD centre  
Trichy

Date of conduct from : 07.06.2021 To: 11.06.2021 Duration: 30 Hours

Organized Department : Mechanical Engineering

Participant Year: 3,4 No. of Students Registered : 46

Venue: GOOGLE MEET  
Online mode – [meet.google.com/hiw-apof-uic](https://meet.google.com/hiw-apof-uic)

### **Outcome of Value Added Course (VAC): At the end of the Course, Students can able to**

- Know to explain the Application of NX CAD 2D drawings & 3D models.
- Know how to create 2D & 3D tool path and curves
- Demonstrate Dimensioning and features of NX CAD
- Students are Learn the software of NX CAD and its application.
- Students can able to draw the modeling and analyse the Unigraphics drawings.

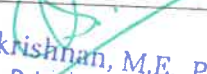
### **Assessment Process**

- Students, who are securing more than 70% on total score and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 \* Attendance in VAC out of 100 percentage + 0.5 \* Test mark in VAC out of 100 marks)

  
VAC Coordinator

  
HOD/MECH

  
Principal

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



## CERTIFICATE OF PARTICIPATION

UNIQUE  
MEP


This is certify that Mr. Name of the student, IV year, Mechanical has successfully completed the value added course on "Application of NX CAD" organized by Department of Mechanical engineering and IQAC of our institution in association with UNIQUE CAD from 07.06.2021 to 11.06.2021 (5Days) during the academic Year 2020-2021

  
Dr. G. Balakrishnan, M.E., Ph.D.  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012



Mr. BALAJI  
UNIQUE MEP



  
PRINCIPAL  
IGCE



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## Report on Value Added Course

Title:	Master CAM				
Resource Person:	Mr. Jayakumar, Mr. Balaji, Trainer; CADD centre, Trichy				
Date of conduct from :	07.12.2020	To:	11.12.2020	Duration:	30 Hours
Organized Department :	MECHANICAL ENGINEERING				
Participant Year:	4	No. of Students Registered :	37		
Venue:	Online mode - <a href="https://meet.google.com/zcm-djnn-mdt">https://meet.google.com/zcm-djnn-mdt</a>				

### Outcome of Value Added Course (VAC): At the end of the Course, Students can able to

- Know to explain the MASTERCAM 2D drawings & 3D models.
- Know how to create 2D & 3D tool paths.
- Students are expected to learn the special operations like hole milling, slot milling and helical milling tool paths.
- Know to recall Assembling with Extrude, Revolve, Fillet, Chamfer, Sweep, Thicken, Ruled  
They receive required training on Animating Assemblies, Surface modeling tools.

### Assessment Process

- Students, who are securing **more than 70% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

  
VAC Coordinator

  
HoD MECH

  
Principal

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

**CADD<sup>®</sup>**  
**CENTRE**

# CADD CENTRE

Premier Plaza, No-122, II Floor, 5&44, Bharathiar Salai, Cantonment, Tiruchirappalli,

## CERTIFICATE OF PARTICIPATION

*This is to certify that Mr.S.Mohan Raj of IV Year MECH has successfully completed the value added course on Master CAM organized by Department of Mechanical Engineering and IQAC of our institution in association with CADD centre from 07 December 2020 to 11 December 2020 (5 days) during the Academic year 2020-2021.*

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam. Trichy-620 012.

**Mr. P. Jayakumar**  
**CADD Centre**



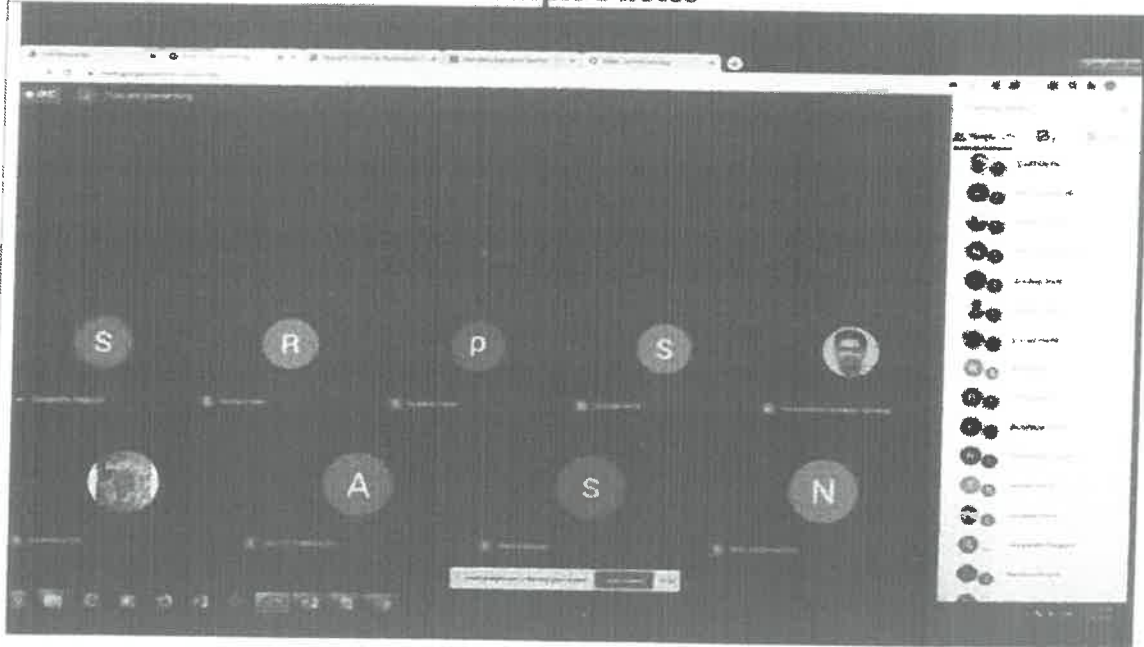
# Indra Ganesan

**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

## Sample Photos of Value Added Course

Title:	"IoT-Raspberry Pi "				
Resource Person:	M.Suresh, Design Engineer, Sri Sai Software.				
Date of conduct from :	08.02.2021	To:	12.02.2021	Duration	30 Hours
Organized Department	Electrical and Electronics Engineering				
Participant Year:	2,3,4	No. of Students Registered :	46		
Venue:	Power System Simulation Lab, Ground floor online mode Google Meet: <a href="https://meet.google.com/abd-hgde-djk">meet.google.com/abd-hgde-djk</a>				

## Sample Photos



VAC Coordinator

Dr. Ma Lathi  
HOD/EEE

Principal

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012,

**SRI SAI SOLUTIONS**  
SRI SAI SOLUTIONS

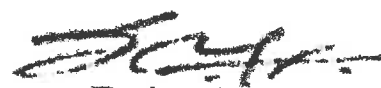
**Indra Ganesan**  
**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH 49B), Manikandam, Trichy - 12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai




## CERTIFICATE OF PARTICIPATION

This is to certify that Mr. YUVARAJ S, III Year, EEE has successfully completed the Value Added Course on “IoT-Raspberry Pi” organized by Department of Electrical & Electronics Engineering and IQAC of our Institution in Association with Sri Sai Software from 08<sup>th</sup> February 2021 to 12<sup>th</sup> February 2021 (5days) during the Academic year 2020-2021.

  
**Sri Sai Software**  
**Mr.R.Pavan Kumar**  
**Managing Director.**

  
**Principal**  
**IGCE**


  
**Dr. G. Balakrishnan, M.E., Ph.D.,**  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

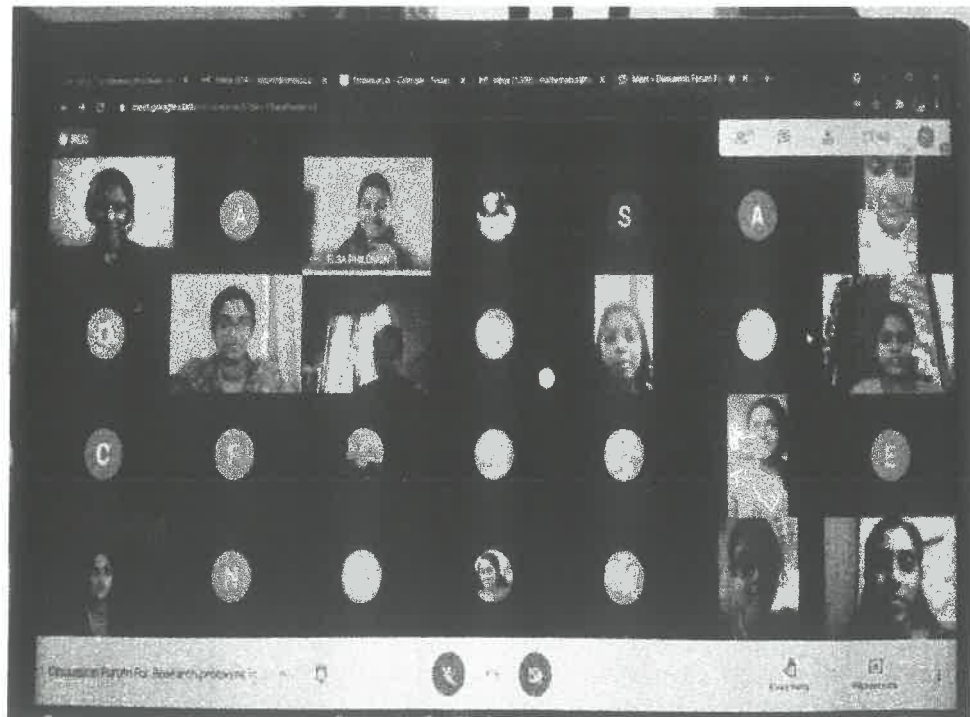


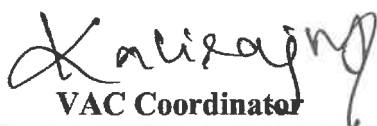
# Indra Ganesan

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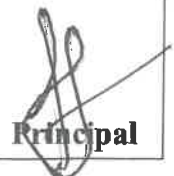
## REPORT ON VALUE ADDED COURSE (SAMPLE PHOTOS)

Title:	"Safety in construction" 				
Resource Person:	Mr.K. KINSELY MAXWEL, Surveyor, Veeranar Construction, Puthukottai		Dr. G. Balakrishnan, M.E., Ph.D. Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.		
Date of conduct from:	08.02.21	To:	12.08.21	Duration:	30 Hours
Organized Department:	CIVIL ENGINEERING				
Participant Year:	2, 3, 4	Semester:	EVEN	No. of Students Registered:	25
Venue:	<a href="https://meet.google.com/mnd-tpqm-gb">https://meet.google.com/mnd-tpqm-gb</a> (Google meet link)				



  
VAC Coordinator

  
HoD/CIVIL

  
Principal





# Indra Ganesan


**COLLEGE OF ENGINEERING**  
Madurai Main Road (NH-45B), Manikandam, Trichy-12.  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai


## CERTIFICATE OF PARTICIPATION

*The following awards are given to*

**THIS IS TO CERTIFY THAT MR. PRABU.J OF III YEAR CIVIL HAS SUCCESSFULLY  
COMPLETED THE VALUE ADDED COURSE ON “ADVANCED SURVEYING”  
ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING AND IQAC OF OUR  
INSTITUTION IN ASSOCIATION WITH “VEERANAR CONSTRUCTION” FROM 8TH FEB  
2021 TO 12TH FEB 2021 (5DAYS) DURING THE ACADEMIC YEAR 2020-2021**

  
Managing Director  
Veeranar construction

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.

  
Principal  
Indra Ganesan College of Engineering