



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 3(F) & 12B Status Institution by UGC

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

NAAC DOCUMENT

QUALITY INDICATOR FRAME WORK

CRITERION – 6

**GOVERNANCE, LEADERSHIP
AND MANAGEMENT**

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING



ACTION TAKEN REPORT BASED ON FEEDBACK ANALYSIS

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ACTION TAKEN REPORT BASED ON
FEEDBACK ANALYSIS

ACADEMIC YEAR
2022-2023



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 2022-23

A. STUDENT FEEDBACK ON CURRICULUM

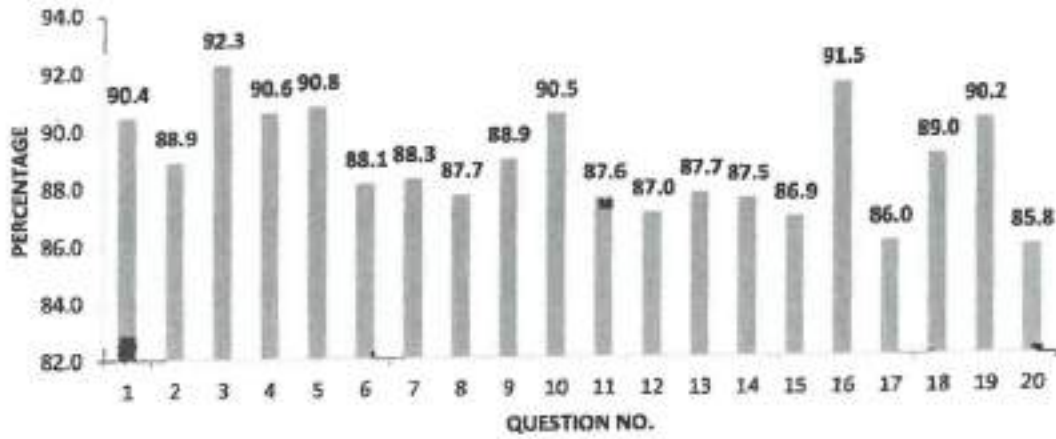
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	90.4
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	88.9
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	92.3
4.	Rate the adequate number of text books and reference books mentioned for the courses.	90.6
5.	Rate the implementation of CBCS in the Curriculum.	90.8
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.	88.1
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	88.3
8.	Rate the availability of course content with respect to industry readiness.	87.7
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	88.9
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	90.5

B. STUDENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	87.6
12.	Rate the availability of text & reference books and journals in the central library.	87.0
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	87.7
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.	86.9
16.	Rate the transport facility provided by the Institution.	91.5
17.	Rate the facility available for waste disposal in the college campus.	86.0
18.	Rate the facility available for disabled friendly environment in the college campus.	89.0
19.	Rate the availability of renewable energy sources in the college campus.	90.2
20.	Rate the best practices implemented by the Institution.	85.8



Dr. G. Balakrishnan,
Dr. G. Balakrishnan, Principal
Indra Ganesan College of Engineering
Indra Ganesan College of Engineering
IG Valley, Manikandam Main Road
IG Valley, Manikandam, Tiruchirappalli-620 012,
Manikandam, Trichy-620 012.

Student Feedback on Academic Performance and Ambience Academic Year 2022-2023




IQAC Coordinator


Principal


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



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FACULTY FEEDBACK ANALYSIS ON Academic Performance and Ambience


ACADEMIC YEAR 2022-23

A.FACULTY FEEDBACK ON CURRICULUM

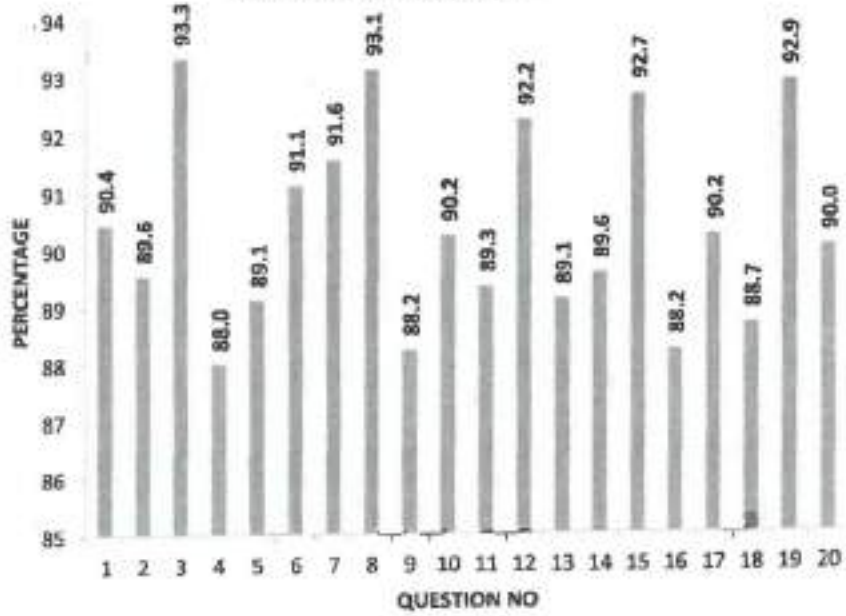
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the clarity in definition of course objectives and outcomes in the syllabus.	90.4
2.	Rate the allocations of hours prescribed in the syllabus with respect to the course content.	89.6
3.	Rate the number of text and reference books mentioned in the syllabus.	93.3
4.	Rate the coverage of units as per the prescribed text books and reference books.	88.0
5.	Rate the content of recent technologies mentioned in the syllabus.	89.1
6.	Rate the clarity of mapping the COs with POs and PSOs in the syllabus.	91.1
7.	Rate the availability of curriculum to bridge the gap between the industry and institute.	91.6
8.	Rate the course content that supports to enrich the faculty knowledge for continuous teaching and learning process.	93.1
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.,	88.2
10.	Rate the electives offered in the curriculum in relevance to technological advancements.	90.2

B.FACULTY FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

11.	Rate the availability of ERP software, ICT facilities used for teaching and learning process.	89.3
12.	Rate the availability of text & reference books and journals in the library.	92.2
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	89.1
14.	Rate the faculty performance appraisal system implemented by the Institution.	89.6
15.	Rate the quality, quantity and price of food offered in the canteen.	92.7
16.	Rate the transport facility provided by the Institution.	88.2
17.	Rate the facility available for waste disposal in the college campus.	90.2
18.	Rate the facility available for disabled friendly environment in the college campus.	88.7
19.	Rate the availability of renewable energy sources in the college campus.	92.9
20.	Rate the welfare measures implemented by the Institution for staff.	90.0


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Principal
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Manikandam, Trichy-620 012.

**Faculty Feedback on Academic Performance and Ambience
Academic Year 2022-2023**




IQAC Coordinator


Principal


D. G. Balakrishnan, M.E., Ph.D.
D. G. Balakrishnan, M.E., Ph.D., P.T.L.
Principal
Indra Ganesan College of Engineering
Indra Ganesan College of Engineering
17, Madhav Nagar, 4th Cross, 4th Stage,
It's Valley, Madhav Nagar Main Road



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PARENTS FEEDBACK ANALYSIS ON Academic Performance and Ambience ACADEMIC YEAR 2022-23

A.PARENT FEEDBACK ON CURRICULUM

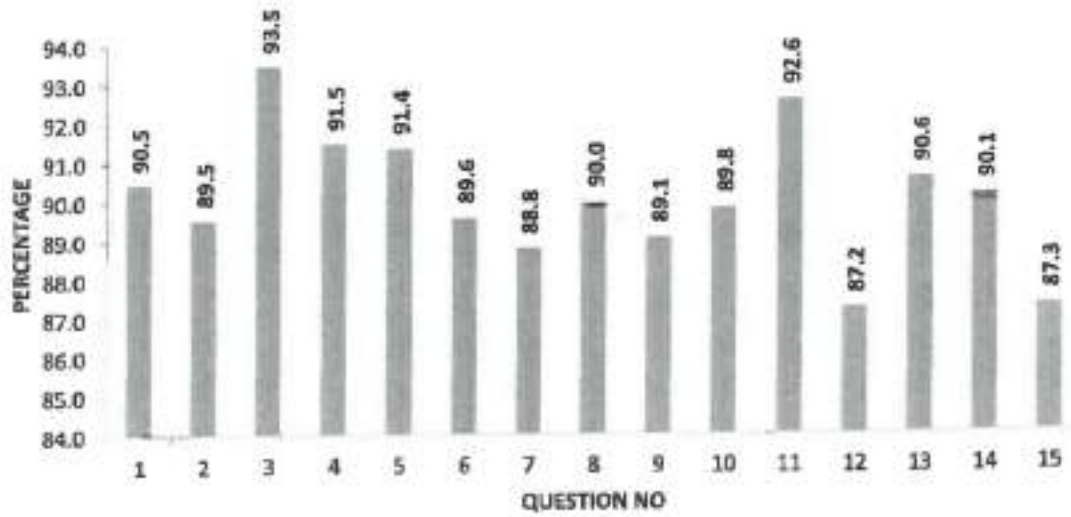
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	90.5
2.	Rate the electives offered in the curriculum in relevance to technological advancements.	89.5
3.	Rate the availability of course content with respect to industry readiness.	93.5
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.	91.5
5.	Rate the usefulness curriculum for lifelong learning.	91.4

B.PARENT FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	89.6
7.	Rate the availability of text & reference books and journals in the central library.	88.8
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	90.0
9.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	89.1
10.	Rate the quality, quantity and price of food served to the students in the canteen.	89.8
11.	Rate the transport facility provided by the Institution.	92.6
12.	Rate the facility available for waste disposal in the college campus.	87.2
13.	Rate the facility available for disabled friendly environment in the college campus.	90.6
14.	Rate the availability of renewable energy sources in the college campus.	90.1
15.	Rate the student welfare measures offered by the Institution.	87.3



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Principal,
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Tiruchirappalli-620 012.

Parents Feedback on Academic Performance and Ambience Academic Year 2022-2023




IQAC Coordinator


Principal


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ALUMNI FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2022-23

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.,	89.8
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	90.2
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	92.6
4.	Rate the adequate number of text books and reference books mentioned for the courses.	86.8
5.	Rate the implementation of CBCS in the Curriculum.	90.9
6.	Rate the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, career orientation and research work.	89.7
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	90.3
8.	Rate the availability of course content with respect to industry readiness.	90.9
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	89.4
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	90.5

B. ALUMNI FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	89.3
12.	Rate the availability of text & reference books and journals in the central library.	90.9
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	92.9
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.	91.8
16.	Rate the transport facility provided by the institution.	89.9
17.	Rate the facility available for waste disposal in the college campus.	91.0
18.	Rate the facility available for disabled friendly environment in the college campus.	91.1
19.	Rate the availability of renewable energy sources in the college campus.	91.1
20.	Rate the best practices implemented by the Institution.	90.2

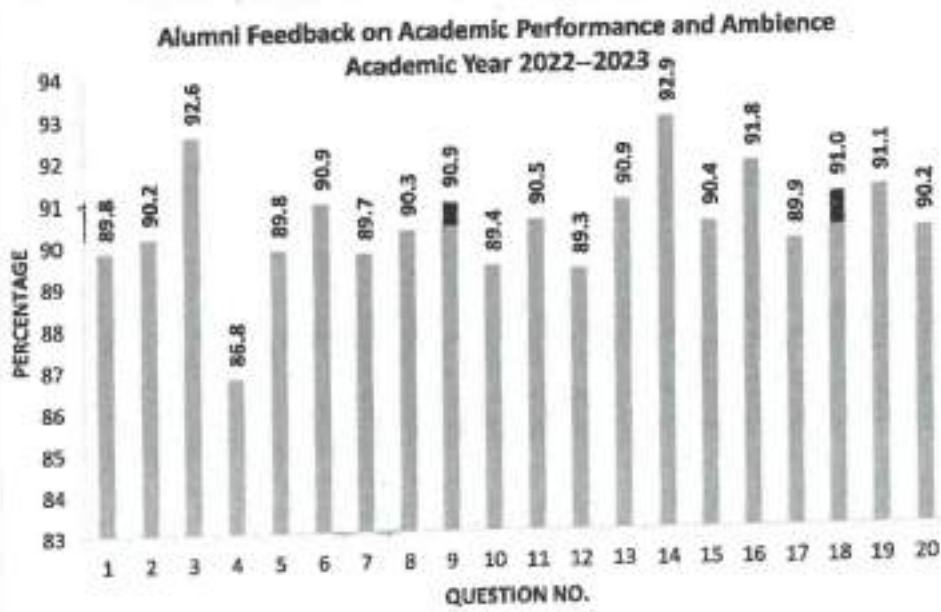

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.




IQAC Coordinator


Principal


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



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EMPLOYER FEEDBACK ANALYSIS ON

Academic Performance and Ambience

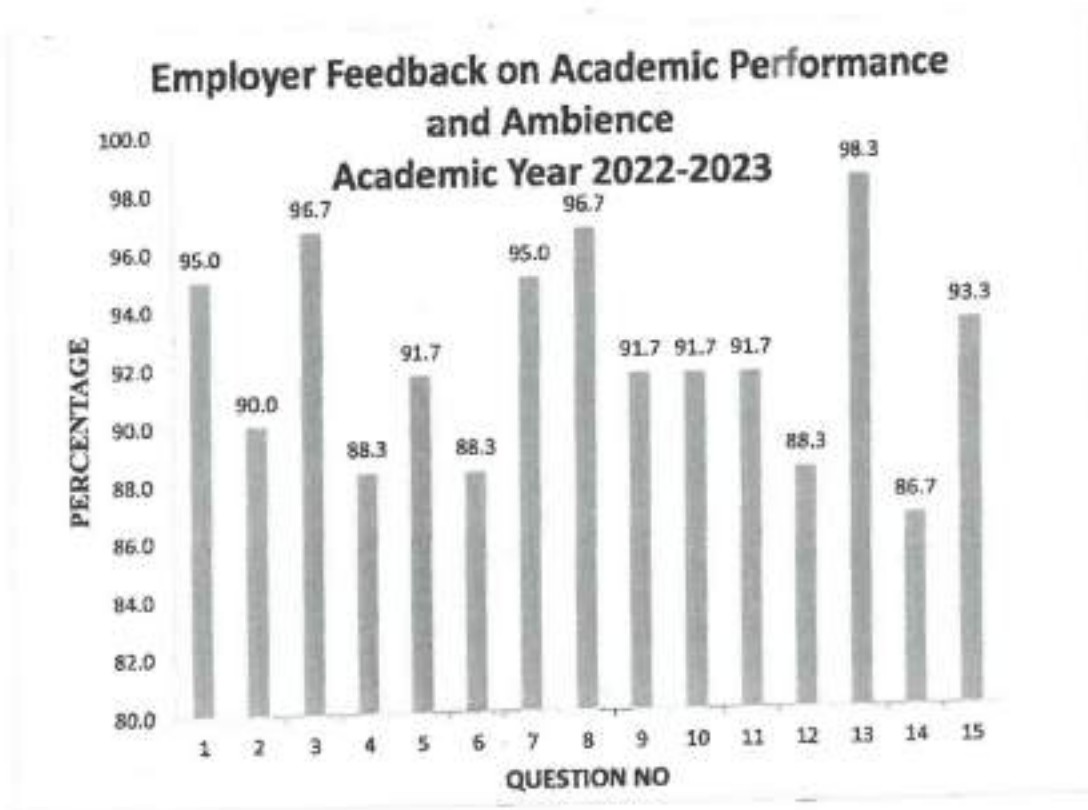
ACADEMIC YEAR 2022-23

A.EMPLOYER FEEDBACK ON CURRICULUM

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the availability of Curriculum that suitable for recruitment of students.	95
2.	Rate the availability of course content with respect to industry readiness.	90
3.	Rate the electives offered in the curriculum in relevance to technological advancements.	96.7
4.	Rate the availability of curriculum to bridge the gap between the industry and institute.	88.3
5.	How do you rate the overall content of the curriculum?	91.7
B.EMPLOYER FEEDBACK ON AMBIENCE (INFRA STRUCTURE)		
6.	Rate the availability of well-furnished class rooms, ICT facilities used for pre placement training.	88.3
7.	Rate the availability of aptitude/competitive examination books in the central library.	95
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for recruitment drive.	96.7
9.	Rate the functioning of Training & Placement cell of the Institution.	91.7
10.	Rate the capacity building programmes offered by the Institution to enhance employability skills of the students.	91.7
11.	Rate the learning experience offered in terms of problem solving/experiential learning to the students of the Institutions.	91.7
12.	Rate the facility available for waste disposal in the college campus.	88.3
13.	Rate the facility available for disabled friendly environment in the college campus.	98.3
14.	Rate the availability of renewable energy sources in the college campus.	86.7
15.	Rate the initiatives taken by the Institution for water conservation.	93.3

Page 1 of 2


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Principal
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Manikandam, Trichy-620 012.




 IQAC Coordinator


 Principal


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



Date: 09.06.2023

**STAKEHOLDER FEEDBACK ON ACADEMIC PERFORMANCE & AMBIENCE
 ACTION TAKEN REPORT -2022-2023**

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2021 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-2021 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	AI3201	Principles & Practices of Crop Production	Vertical farming	5
2.	B.E-Computer Science and Engineering	CCS332	APP DEVELOPMENT	Routing	3
3.	B.E-Mechanical Engineering	GE3271	Mechanical Electrical and Plumbing Methods	Plumbing Work	1
		ME 3391	Heat Ventilation And Air conditioning	Second Law of Thermodynamics	2
4.	B.E-Electrical and Electronics Engineering	EE3251	Electric Circuit Analysis	Behavior of magnetically coupled circuits	2

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.

(Signature)
PRINCIPAL

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

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 2022-2023 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.	Vertical Farming	Agricultural Engineering
2.	Angular JS	Computer Science and Engineering
3.	Mechanical Electrical and Plumbing Methods Heat Ventilation and Air conditioning	Mechanical Engineering
4.	Electrical Machine Design, Winding, Assembling, & Dismantling	Electrical & Electronics Engineering


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Principal

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PRINCIPAL



Indra Ganesan

COLLEGE OF ENGINEERING

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

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SAMPLE PHOTOS OF VALUE ADDED COURSE

Title:	"Power Grid Protection"		
Resource Persons:	Mr.M.Elangovan, Trainer. Startus Electric, Trichy.		
Date of conduct from :	30.01.2023	To:	03.02.2023
		Duration:	30 Hours
Organized Department :	Electrical and Electronics Engineering		
Participant Year:	2,3,4	No. of Students Registered :	32
Venue:	EEE III yr Classroom		

SAMPLE PHOTOS



Jeeva Jeeva
VAC Coordinator

G. Maniathan
HoD/EEE

Indra
Principal

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



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road, I.N.H. 4511, Manikandam, Trichy - 12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



CERTIFICATE OF PARTICIPATION

This is to certify that Mr. SANDURU K, III Year, EEE has successfully completed the Value Added Course on “Power Grid Protection” organized by Department of Electrical & Electronics Engineering and IQAC of our Institution in Association with Startus Electric from 30th January 2023 to 3rd January 2023 (5days) during the Academic year 2022-2023.

Startus Electric
Mr.L.Ramesh
Chief Executive Officer.

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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Department of Computer Science & Engineering

Academic Year 2022-2023 – Odd Semester

Report on Value Added Course

Title: **Angular JS**

Resource Person: **Mr.C.Vivek**
Project Manager,
Axis V Creatives Pvt
Ltd,Chennai

Mr.B.Rahavan
Team leader
Axis V Creatives Pvt
Ltd,Chennai

Date of conduct from : **19.12.2022** To: **24.12.2022** Duration: **36 Hours**

Organized Department : **COMPUTER SCIENCE AND ENGINEERING**

Participant Year: **B.E-II,III & IV- Year ICSE**
I,II ME,B.Tech-II AI&DS No. of Students Registered : **100**

Venue: **SD LAB,NETWORKLAB**

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

- Know the fundamentals of Angular JS 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 React JS
- Explain Services, Animations, Routing .


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/CSE


Principal


Dr. G. Dakshinamoorthy, M.Sc., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Tiruchirappalli-620 012



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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Saranya P**

IV YEAR CSE

has successfully completed the Value Added Course on "Angular JS" organized by Department of Computer Science and Engineering and IQAC of our Institution in Association with AXIS V Creatives Pvt, Ltd from 19th December 2022 to December 2022 (6days) during the Academic year 2022-2023.

Mr. C. Vivek,
Project Manager,
AXIS V Creatives Pvt, Ltd

PRINCIPAL



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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Report on Value Added Course

Title:	Heat ventilation Air conditioning Technology				
Resource Person:	Mr. Deepak Executive UNIQ-MEP Trichy.		Mr. Dhineshwaran G Executive UNIQ-MEP Trichy.		
Date of conduct from :	22.05.2023	To :	27.05.2023	Duration:	30 Hours
Organized Department :	MECHANICAL ENGINEERING				
Participant Year:	2,3, 4		No. of Students Registered :	48	
Venue:	Mechanical Seminar Hall Third Floor Mechanical Department IGCE				

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

- Knowledge about HVAC system
- Application of HVAC clearly students known
- Various gases usage in HVAC system Explained.
- Load circuits and pipeline circuits are explained clearly


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



UNI UNIQUE
MEP

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Ruban A, IV Year, MECH has successfully completed the value added course on "Heat ventilation Air conditioning Technology" organized by Department of Mechanical Engineering and IQAC of our Institution in association with UNIQUE MEP from 22.05.2023 to 27.05.2023 (5 days) during the Academic Year 2022-2023




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

Mr. K. Deepak
UNIQUE MEP

PRINCIPAL
IGCE



Report on Value Added Course

Title:	Mechanical Electrical and Plumbing Methods				
Resource Person:	Mr. Abhu Co-ordinator UNIQ-MEP Trichy		Mr. David Ubaharasamy Executive, UNIQ-MEP, Trichy		
Date of conduct from :	05.12.2022	To:	09.12.2022	Duration:	30 Hours
Organized Department :	MECHANICAL ENGINEERING				
Participant Year:	2,3, 4		No. of Students Registered :	45	
Venue:	Mechanical Seminar Hall				
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to					
<ul style="list-style-type: none"> • Know real-world examples of on-the-job safety and health issues • Know how to protect themselves and others from accidental deaths and injuries. • Broad understanding of how hazards in the workplace can be controlled. • Students are expected to learn and practice the skills they will need in the workplace. • They receive required training on equipment they will use, and work processes they will perform • Develop a foundational understanding of safety systems. 					
Assessment Process					
<ul style="list-style-type: none"> • 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) 					
Dr. G. Balakrishnan, M.E., Ph.D., Principal					
Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.					
 VAC Coordinator	 HOD MECH			 Principal	




CERTIFICATE OF PARTICIPATION

UNI UNIQUE
MEP

This is to certify that Mr. Hariharan, III Year, MECH has successfully completed the value added course on "Mechanical, Electrical and plumbing Method" organized by department of Mechanical Engineering and IQAC of our institution in association with UNIQUE MEP from 05.12.2022 to 09.12.2022 (5days) during the Academic Year 2022-2023


Dr. C. Balakrishnan, M.E., Ph.D.
Principal

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





Mr. K. Deepak
UNIQUE MEP



PRINCIPAL
IGCE





REPORT ON VALUE ADDED COURSE			
Title:		VERTICAL FARMING	
Resource Person:		Mr.R.Sankar,N.Ramachandran, Sri Enterprise Agro Industries Corporation ,Trichy	
Date of conduct from :	01.08.2022	To:	05.08.2022
Duration:	30 Hours		
Organized Department :	Agricultural Engineering		
Participant Year:	2, 3	No. of Students Registered :	1724
Venue:	Agri Seminar Hall		
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to			
<ul style="list-style-type: none"> • Know real-world importance of software in Agricultural engineering students • Know how to perform in Agriin industries. • Study about vertical farmingof Agricultural. • Students are expected to learn and practice the skills they will need in the workplace. • Develop a foundational understanding Agricultural engineering. 			
Assessment Process			
<ul style="list-style-type: none"> • 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/AGRI	
 PRINCIPAL			

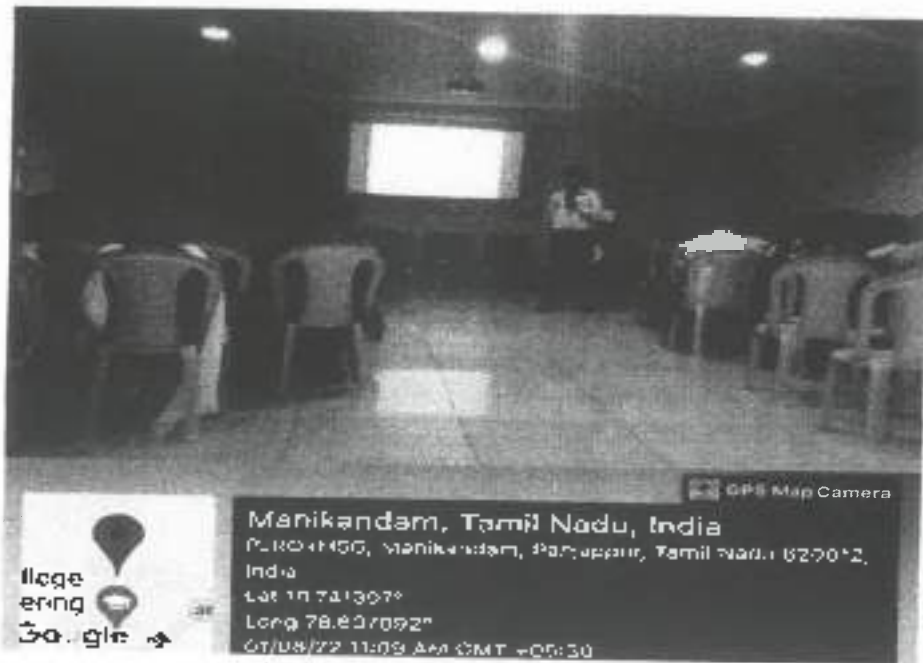


Dr. G. Balakrishnan, M.E., Ph.D.
 Principal
 Indra Ganesan College of Engineering
 IG Valley, Madurai Main Road
 Manikandam, Trichy-620 012.



REPORT ON VALUE ADDED COURSE

SAMPLE PHOTO:



Manikandam, Tamil Nadu, India
 P. KO-4450, Manikandam, Paluppur, Tamil Nadu, 622012, India
 Lat 10.741307°
 Long 78.637092°
 07/08/22 11:09 AM GMT +05:30

S. Princy
 VAC Coordinator

V. Sivakany
 HoD/AGRI

K. Srinivas
 PRINCIPAL

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



Indra Ganesan

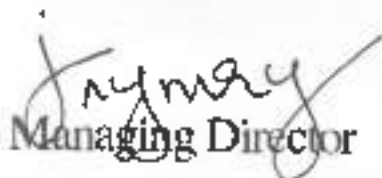
COLLEGE OF ENGINEERING

Medurai Main Road (NH-456), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited. 2(B) Status Institution by UGC



CERTIFICATE OF PARTICIPATION

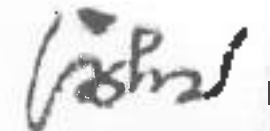
This is to certify that Ms.ABINAYAR of II Year B.TECH- AGRI Indra Ganesan College of Engineering has successfully completed the Value Added course "VERTICAL FARMING" organised By Department Of Agricultural Engineering in association with Sri Enterprise Agro Industries Corporation conducted from 07.03.2021 to 11.03.2021.(5days) during Academic year 2022-2023.


Managing Director

Sri Enterprise Agro Industries Corporation



Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Vallee, Medurai Main Road
Manikandam, Tnchy-620 012.



Principal
Indra Ganesan Engineering college

ACTION TAKEN REPORT BASED ON
FEEDBACK ANALYSIS

ACADEMIC YEAR
2021-2022



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 2021-22

A. STUDENT 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.,	90.4
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	88.4
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	91
4.	Rate the adequate number of text books and reference books mentioned for the courses.	90.4
5.	Rate the implementation of CBCS in the Curriculum.	89.1
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.	89.3
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	85.8
8.	Rate the availability of course content with respect to industry readiness.	87.3
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	87.8
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	89.5

B. STUDENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	88.1
12.	Rate the availability of text & reference books and journals in the central library.	84.8
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	88.2
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	89.6
15.	Rate the quality, quantity and price of food served to the students in the canteen.	86.9
16.	Rate the transport facility provided by the Institution.	88.2
17.	Rate the facility available for waste disposal in the college campus.	84.5
18.	Rate the facility available for disabled friendly environment in the college campus.	86.7
19.	Rate the availability of renewable energy sources in the college campus.	86.9
20.	Rate the best practices implemented by the Institution.	85.1

Dr. G. Balakrishnan

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Tiruchirappalli - 620 012.

Student Feedback on Academic Performance and Ambience Academic Year 2021-2022




IQAC Coordinator


Principal


Dr. G. Balakrishna

Dr. G. Balakrishna
Principal
Indra Ganesan College of
Indra Ganesan, Madurai
Manikandam, Madurai
Manikandam, Trichy



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 2021-22

A.FACULTY FEEDBACK ON CURRICULUM

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the clarity in definition of course objectives and outcomes in the syllabus.	92.0
2.	Rate the allocations of hours prescribed in the syllabus with respect to the course content.	89.9
3.	Rate the number of text and reference books mentioned in the syllabus.	90.6
4.	Rate the coverage of units as per the prescribed text books and reference books.	90.3
5.	Rate the content of recent technologies mentioned in the syllabus.	91.3
6.	Rate the clarity of mapping the COs with POs and PSOs in the syllabus.	90.6
7.	Rate the availability of curriculum to bridge the gap between the industry and institute.	89.9
8.	Rate the course content that supports to enrich the faculty knowledge for continuous teaching and learning process.	92.4
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.,	90.6
10.	Rate the electives offered in the curriculum in relevance to technological advancements.	92.4

B.FACULTY FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

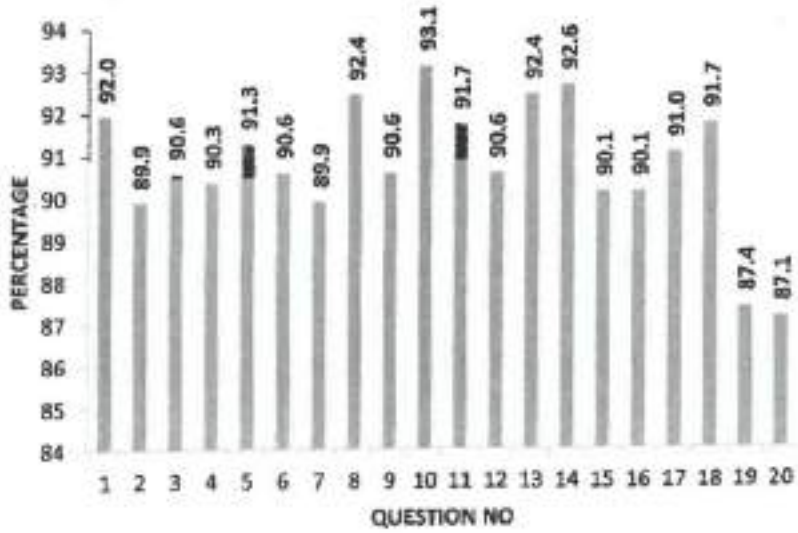
11.	Rate the availability of ERP software, ICT facilities used for teaching and learning process.	91.7
12.	Rate the availability of text & reference books and journals in the library.	90.6
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	92.4
14.	Rate the faculty performance appraisal system implemented by the Institution.	92.6
15.	Rate the quality, quantity and price of food offered in the canteen.	90.1
16.	Rate the transport facility provided by the Institution.	90.1
17.	Rate the facility available for waste disposal in the college campus.	91.0
18.	Rate the facility available for disabled friendly environment in the college campus.	91.7
19.	Rate the availability of renewable energy sources in the college campus.	87.4
20.	Rate the welfare measures implemented by the Institution for staff.	87.1

Page 1 of 2

Dh. G. B. Lalakrishnan, M.E., Ph.D.
Principal


Indra Ganesan College of Engineering
IG Valley, Manikandam, Tiruchirappalli
Tamil Nadu - 620 012

Faculty Feedback on Academic Performance and Ambience
Academic Year 2021-2022




IOAC Coordinator


Principal


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
RS Valley, Madurai Main Road
Mannikandam, Trichy-620 022.



INDRA GANESAN COLLEGE OF ENGINEERING

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

ACADEMIC YEAR 2021-22

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.,	89.6
2.	Rate the electives offered in the curriculum in relevance to technological advancements.	88.7
3.	Rate the availability of course content with respect to industry readiness.	92.5
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.	89.5
5.	Rate the usefulness curriculum for lifelong learning.	90.8

B. PARENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	88.1
7.	Rate the availability of text & reference books and journals in the central library.	86.9
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	89.2
9.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	89.6
10.	Rate the quality, quantity and price of food served to the students in the canteen.	89.3
11.	Rate the transport facility provided by the Institution.	90.0
12.	Rate the facility available for waste disposal in the college campus.	85
13.	Rate the facility available for disabled friendly environment in the college campus.	89.1
14.	Rate the availability of renewable energy sources in the college campus.	89.7
15.	Rate the student welfare measures offered by the Institution.	86.0

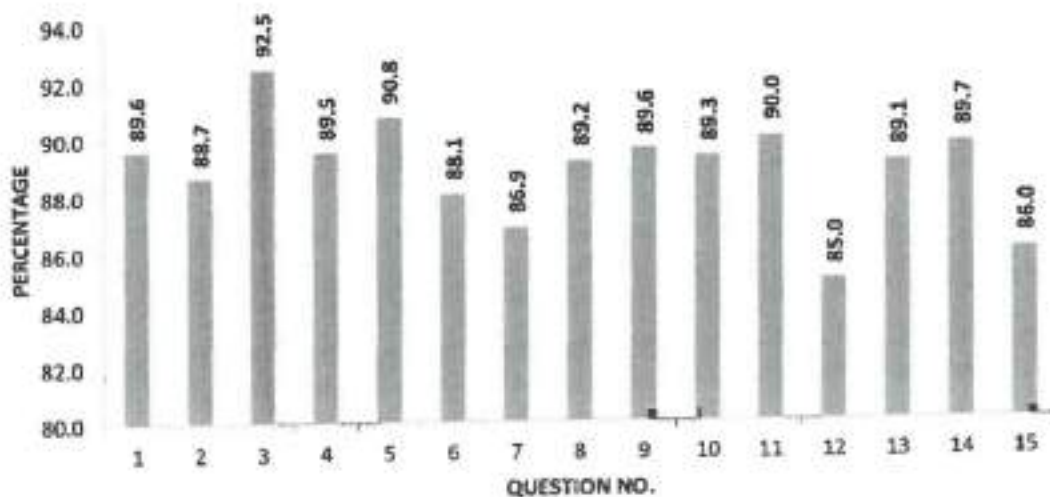
Page 1 of 2

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

Principal

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

Parents Feedback on Academic Performance and Ambience Academic Year 2021-2022




 IQAC Coordinator


 Principal


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



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)

ALUMNI FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2021-22

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.,	90.4
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	89.5
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	92.1
4.	Rate the adequate number of text books and reference books mentioned for the courses.	89.3
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.	90.9
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	88.6
8.	Rate the availability of course content with respect to industry readiness.	91.2
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	87.1
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	91.6

B. ALUMNI FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	91.8
12.	Rate the availability of text & reference books and journals in the central library.	88.2
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	92.5
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	89.2
15.	Rate the quality, quantity and price of food served to the students in the canteen.	90.6
16.	Rate the transport facility provided by the institution.	86.8
17.	Rate the facility available for waste disposal in the college campus.	91.9
18.	Rate the facility available for disabled friendly environment in the college campus.	87.6
19.	Rate the availability of renewable energy sources in the college campus.	90.1
20.	Rate the best practices implemented by the Institution.	89.2

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

Principal

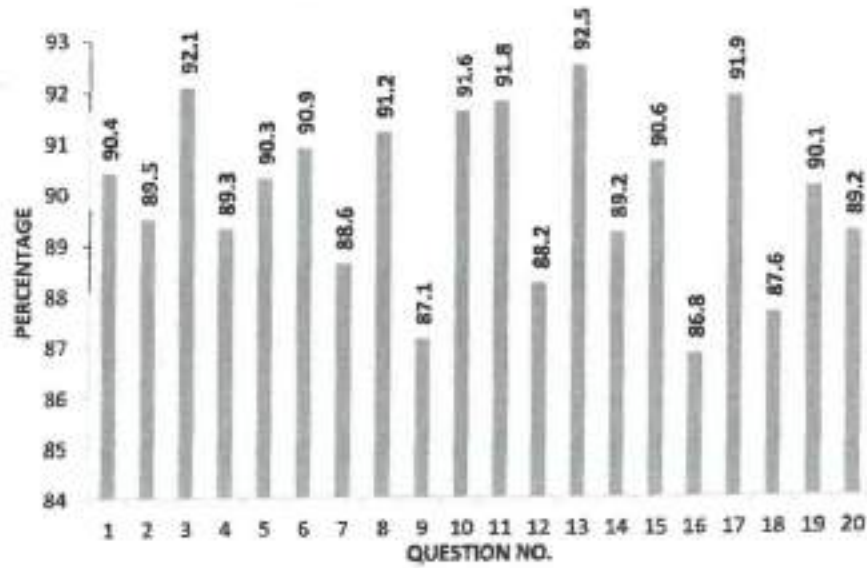
Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.

Page 1 of 2

**Alumni Feedback on Academic Performance and Ambience
Academic Year 2021–2022**




IQA Coordinator


Principal



Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Mannandam, Taluk-625 012.



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)

**EMPLOYER FEEDBACK ANALYSIS ON
Academic Performance and Ambience
ACADEMIC YEAR 2021-22**

A.EMPLOYER FEEDBACK ON CURRICULUM

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the availability of Curriculum that suitable for recruitment of students.	91
2.	Rate the availability of course content with respect to industry readiness.	87
3.	Rate the electives offered in the curriculum in relevance to technological advancements.	93
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?	91

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

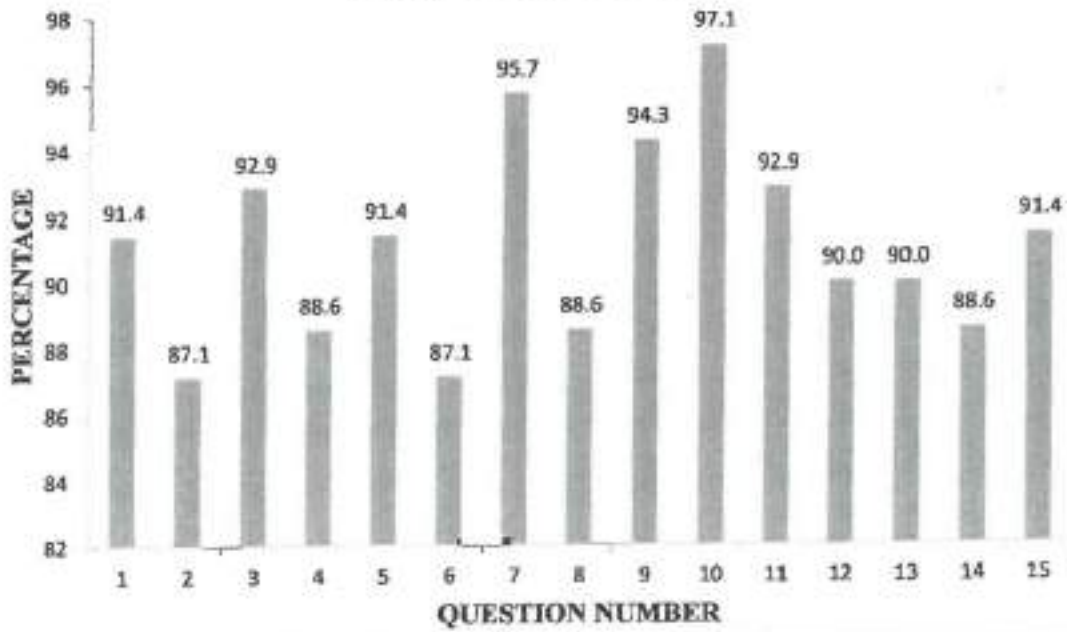
6.	Rate the availability of well-furnished class rooms, ICT facilities used for pre placement training.	87
7.	Rate the availability of aptitude/competitive examination books in the central library.	96
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for recruitment drive.	89
9.	Rate the functioning of Training & Placement cell of the Institution.	94
10.	Rate the capacity building programmes offered by the institution to enhance employability skills of the students.	97
11.	Rate the learning experience offered in terms of problem solving/experiential learning to the students of the Institutions.	93
12.	Rate the facility available for waste disposal in the college campus.	90
13.	Rate the facility available for disabled friendly environment in the college campus.	90
14.	Rate the availability of renewable energy sources in the college campus.	89
15.	Rate the initiatives taken by the Institution for water conservation.	91

Page 1 of 2


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

Indra Ganesan College of Engineering
IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India

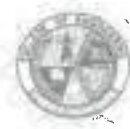
**Employer Feedback on Academic Performance and Ambience
Academic Year 2021-2022**




IQAC Coordinator


Principal


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
K. Nallur, Madurai Main Road
Madurai, Tamil Nadu-625 012.



Date: 27.04.2022

STAKEHOLDER FEEDBACK ON ACADEMIC PERFORMANCE & AMBIENCE ACTION TAKEN REPORT -2021-2022

In order to improve the quality initiative, our Institution IQAC collected the feedback about R-2021 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-2021 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	CE 8602	Structural Analysis -II	STAAD Pro	5
2.	B.E-Computer Science and Engineering	CCS375	WEB TECHNOLOGIES	Django REST	5
3.	B.E-Mechanical Engineering	ME 3393	Solid State Joining Technologies	Metal Joining Process	2
		CMR 338	Graphene Battery Technologies	Autonomous vehicle	3
4.	B.E-Electrical and Electronics Engineering	EE3301	Electromagnetic Fields	Different methods of emf generation and Maxwell's equations	2

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.

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 2021-2022 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.	STAAD Pro	Agricultural Engineering
2.	Django Framework	Computer Science and Engineering
3.	Solid State Joining Technologies Graphene Battery Technologies	Mechanical Engineering
4.	Automation and Robotics	Electrical & Electronics Engineering


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 Principal
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 Madhavaram, Trichy-620 012.


 PRINCIPAL



Indra Ganesan

COLLEGE OF ENGINEERING

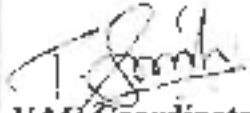
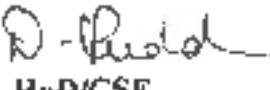

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Approved by AICTE, (Non-Draft) & Affiliated to Anna University, Chennai
NAAC Accredited, (IP) Status Institution by UGC



Department of Computer Science & Engineering

Academic Year 2021-2022 – Even Semester

Report on Value Added Course

Title:	Django Framework		
Resource Person:	Mr. Aazman, Project Manager, Azatech Trichy	Mr. T.Samy Trainer Azatech Trichy	
Date of conduct from :	06.06.2022	To: 11.06.2022	Duration: 36 Hours
Organized Department :	COMPUTER SCIENCE AND ENGINEERING		
Participant Year:	B.E-II,III & IV- Year /CSE I,II ME	No. of Students Registered :	96
Venue:	SD LAB,NETWORKLAB		
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to			
<ul style="list-style-type: none"> • How to create routes (or views) with Django. • How to serve static content and files using Django. • How to connect templates with models to serve data dynamically. • How to create Models and how to connect them with Templates and Views. • How to work with databases using SQLite. • How to handle and validate forms in Django.. 			
Assessment Process			
<ul style="list-style-type: none"> • 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/CSE	 Principal	

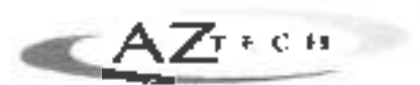
Dr. G. Jankrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-458), Marikandam, Trichirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited, 3A+ Status Institution by IQAC



CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Muthaiya P** of

..... **IV YEAR CSE** has successfully completed the Value Added Course on
"Django Framework" organized by Department of Computer Science and Engineering and IQAC
of our Institution in Association with Azatech from 06th June 2022 to 11th June 2022 (6days)
during the Academic year 2021-2022.

Mr. Aazman,
Project Manager,
Azatech Trichy

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

PRINCIPAL



Indra Ganesan

COLLEGE OF ENGINEERING

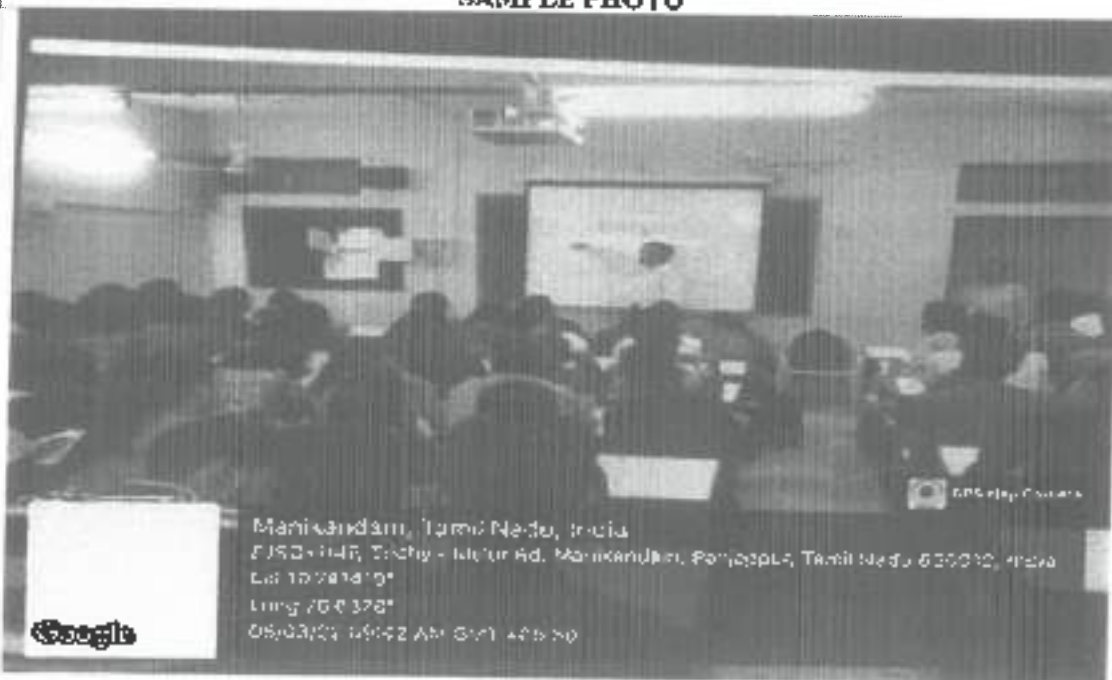
Madurai Main Road (NH-45B), Manikandam, Trichy - 620 012
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NAAC Accredited, 3(B) Status Recognition by DGC



SAMPLE PHOTO OF VALUE ADDED COURSE

Title:	"ELECTROCHEMICAL ENERGY STORAGE"		
Resource Persons:	Mr.R.Durai Raj, Trainer, Startus Electric, Trichy		
Date of conduct from :	07.03.2022	To:	11.03.2022
		Duration:	30 Hours
Organized Department :	Electrical and Electronics Engineering		
Participant Year:	2,3,4	No. of Students Registered :	38
Venue:	EEE II Year Class Room		

SAMPLE PHOTO



Manikandam, Tamil Nadu, India
 7.9521145, Trichy - Madurai Rd, Manikandam, Perambalur, Tamil Nadu 620010, India
 Lat: 10.941419°
 Long: 76.6376°
 08/03/22 10:42 AM GMT+05:30

VAC Coordinator

G. 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.



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
ISO 9001:2015 Accredited. ISO 27001:2013 Registered by IICSI



CERTIFICATE OF PARTICIPATION

This is to certify that Mr. INBARAJ A, IV Year, EEE has successfully completed the Value Added Course on "ELECTROCHEMICAL ENERGY STORAGE" organized by Department of Electrical & Electronics Engineering and IQAC of our Institution in Association with Startus Electric from 7th March 2022 to 11th March 2022 (5days) during the Academic year 2021-2022.

Startus Electric
Mr.C.Premkumar
Chief Executive Officer.

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

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Trichirappalli - 620 012
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Report on Value Added Course

Title: **Graphene Battery Technologies.**

Resource Person1: Mr. Abhu
Co-ordinator
UNIQ-MEP,
Trichy

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

Resource Person2: Mr. Yasar Arafath
Co-ordinator
UNIQ-MEP,
Trichy

Date of conduct from : 06.06.2022 To: 11.06.2022 Duration: 30 Hours

Organized Department : MECHANICAL ENGINEERING

Participant Year: 2,3, 4 No. of Students Registered : 69

Venue: Google Meet
online mode Google Meet: meet.google.com/ack-bfod-zmp

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

- Introduce the various terms to understand the efficiency of batteries
- know the relevant materials required for the construction of primary and secondary batteries
- familiarize with the reactions involved during charging and discharging batteries process
- Evaluate different batteries or fuel cells in order to select a suitable battery or fuel cell for a given application
- Explain the working principle, electrochemistry technology and application of prominent fuel cells

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 MECHANICAL

Principal



**CADD
CENTRE**
SOLUTIONS PVT LTD

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.Ramesh.M,IV Year,Mech has successfully completed the value added course on "Graphene Battery Technologies" organized by department of mechanical Engineering and IQAC of our institution in association with CADD CENTRE from 06.06.2022 to 11.06.2022(5days) during the Academic Year 2021-2022

Balaji

BALAJI
CADD CENTRE



[Signature]

PRINCIPAL
IGCE

[Signature]

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



Indra Ganesan

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

Report on Value Added Course					
Title:	Solid state Joining Technologies				
Resource Person:	1.Mr.Faizal Ahamed &2.Mr.Sundaramoorthi, Officer, UNIQ-MEP Trichy.				
Date of conduct from :	13.12.2021	To:	18.12.2021	Duration:	30 Hours
Organized Department :	MECHANICAL ENGINEERING				
Participant Year:	3, 4	No. of Students Registered :	43		
Venue:	GOOGLE MEET online mode Google Meet: meet.google.com/hix-vzeg-sre				
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to					
<ul style="list-style-type: none">• Knowledge about Forge welding process• Learning platform about cold welding process• Know the practical skill development knowledge about diffusion welding process.• friction welding and explosion welding process• Industrial application oriented hot pressure welding process.					
Assessment Process					
<ul style="list-style-type: none">• 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.



UNI UNIQUE
MEP

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.Sivash K,IV Year,MECH has successfully completed the value added course on "Solid State Joining Technologies" organized by department of Mechanical Engineering and IQAC of our institution in association with UNIQUE-MEP from 13.12.2021 to 18.12.2021(5days) during the Academic Year 2021-2022.

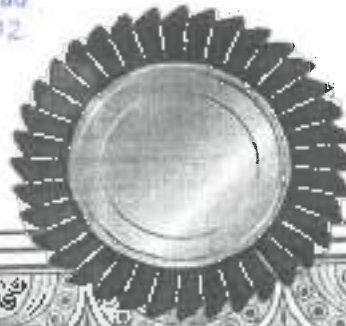
Mr.Faizal Ahamed

UNIQUE-MEP

Dr. G. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandan Telephone 0172

PRINCIPAL

IGCE








Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (MS-450), Manikandam, Trichy - 620 012
Approved by: AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited (3F) State Institution by DGC



REPORT ON VALUE ADDED COURSE					
Title:		STAAD.PRO			
Resource Person:		Ms.R.SHEELA, Ms.SWETHA, SD ARCHITECTS & CONSTRUCTIONS, TRICHY			
Date of conduct from :	07.02.2024	To:	11.02.2024	Duration:	30 Hours
Organized Department :		Civil Engineering			
Participant Year:	2, 3, 4			No. of Students Registered :	17
Venue:	Online Google meet				
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to					
<ul style="list-style-type: none"> • Know real-world importance of software in Civil Engineering • Know how to perform in civil software in industries. • Study about Staad pro of civil engineering software's. • Students are expected to learn and practice the skills they will need in the workplace. • Develop a foundational understanding of civil software's. 					
Assessment Process					
<ul style="list-style-type: none"> • 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/CIVIL		 PRINCIPAL	

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

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.



Indra Ganesan COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Trichy - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited - 3(F) Grade Institution by AICTE



REPORT ON VALUE ADDED COURSE

PHOTO OF THE SESSION:



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

Coordinator
HoD/CIVIL
PRINCIPAL



Indra Ganesan
COLLEGE OF ENGINEERING

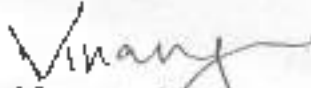
Madurai Main Road (JRT-408), Manjambalam, Trichy-620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
AACSB Accredited, JBE Status Institution as I.I.T.



CERTIFICATE

OF PARTICIPATION

This is to certify that Mr. AKASH J of IV Year B.E- CIVIL, Indra Ganesan College of Engineering has successfully completed the Value Added course "STAAD.Pro" organised By Department Of Civil Engineering in association with 5D Architects Constructions conducted from 07.03.2021 to 11.03.2021, (5days) during Academic year 2021-2022


Managing Director

5D Architects & Constructions



Principal

Indra Ganesan Engineering college



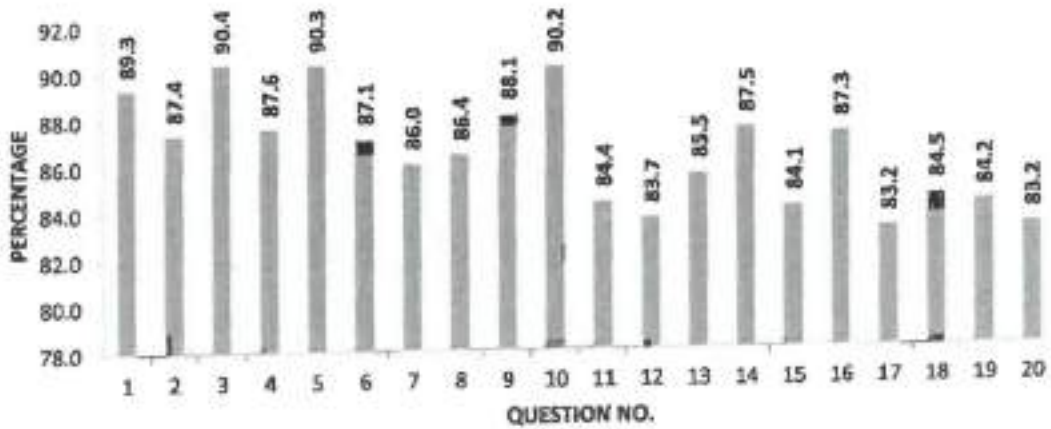
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Indra Ganesan College of Engineering
16, Jethi, Madurai Main Road
Manjambalam, Trichy-620 012.

ACTION TAKEN REPORT BASED ON
FEEDBACK ANALYSIS

ACADEMIC YEAR
2020-2021

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



[Signature]
IOACC Coordinator

[Signature]
Principal

[Signature]
Dr. G. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG-Valley, Madurai Main Road
Manikandam, Taluk-B, Dist-612



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)

**FACULTY FEEDBACK ANALYSIS ON
 Academic Performance and Ambience
 ACADEMIC YEAR 2020-21**

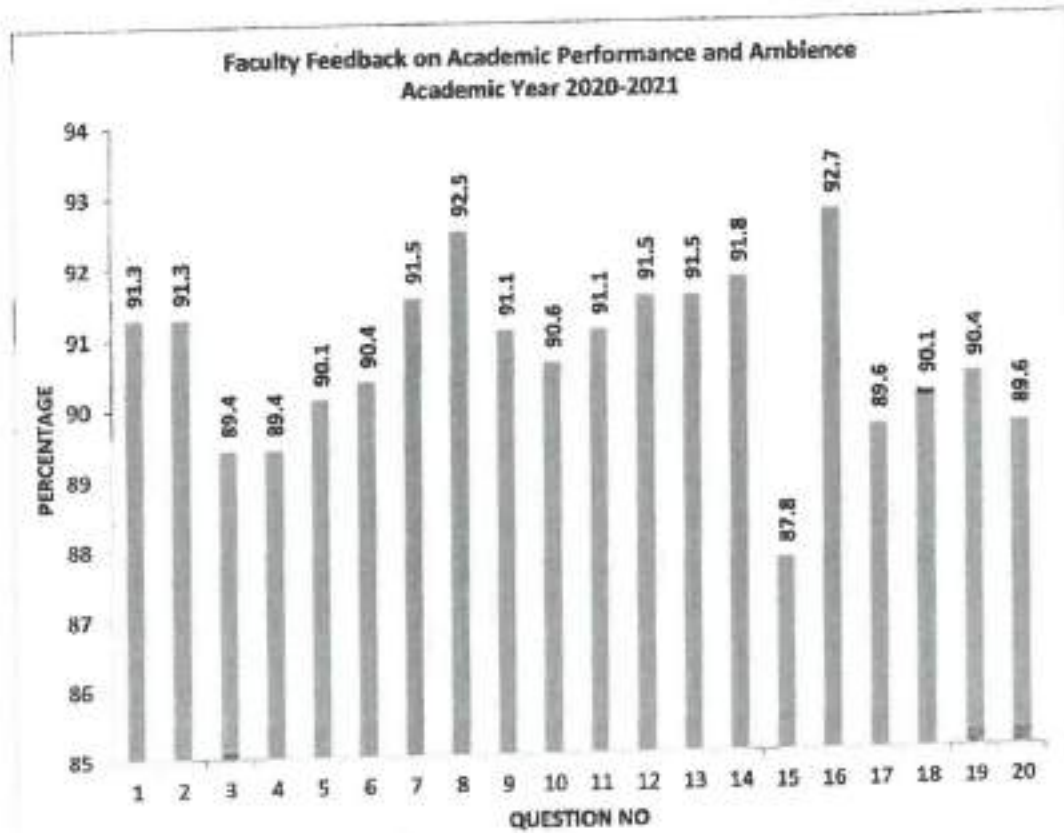
A.FACULTY FEEDBACK ON CURRICULUM

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 B. E., M.E., Ph.D.
 Principal
 Indra Ganesan College of Engineering
 IG Valley, Madurai Main Road
 Manikandam, Tiruchy - 620 012



Signature
 IQAC Coordinator

Signature
 Principal

Signature
Dr. G. Balakrishnan, M.E., Ph.D.
 Principal
 Jyoti Ganesan College of Engineering
 JG Vellex, Madurai Main Road
 Madurai, Trichy-620 012.



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)

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

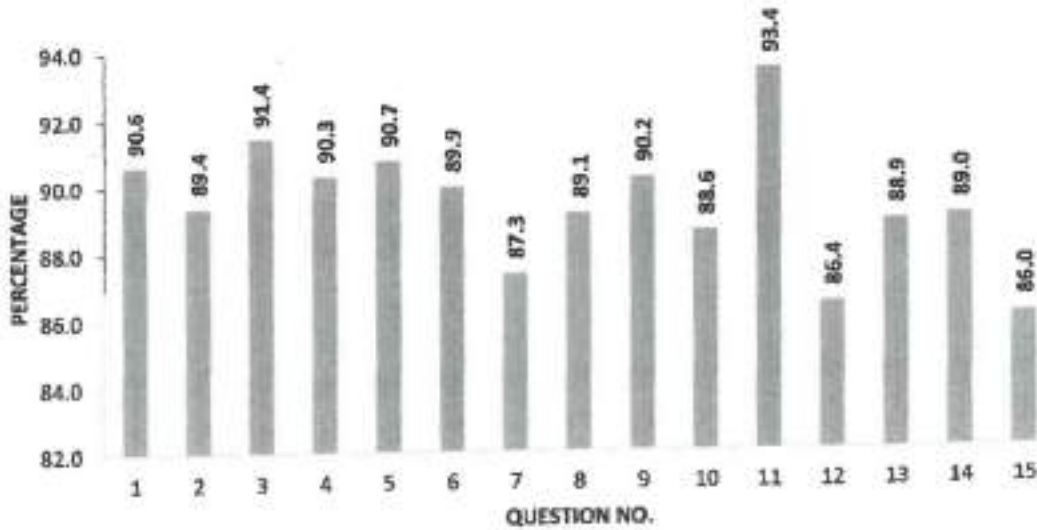
B. PARENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

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

Page 1 of 2


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

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



IQAC Coordinator
IQAC Coordinator

Principal
Principal

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



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)

ALUMNI FEEDBACK ANALYSIS ON
Academic Performance and Ambience
ACADEMIC YEAR 2020-21

A. ALUMNI FEEDBACK ON CURRICULUM

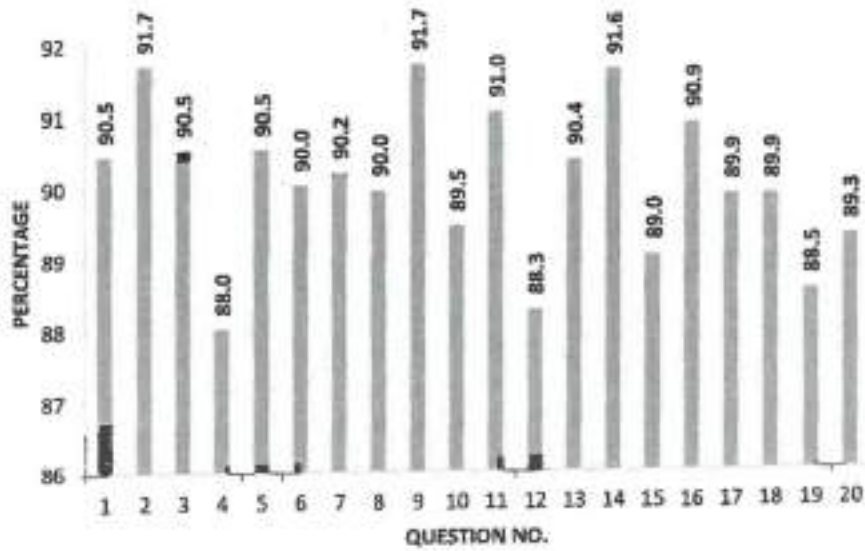
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	90.5
2.	Rate the appropriateness of sequence of 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. ALUMNI FEEDBACK ON AMBIENCE (INFRA STRUCTURE)		
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

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

**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
Indira Ganesan College of Engineering
ITE Valley, Whitburn/Water Road
Whitburn, Trichy-620 002.



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)

EMPLOYER FEEDBACK ANALYSIS ON

Academic Performance and Ambience

ACADEMIC YEAR 2020-21

A.EMPLOYER FEEDBACK ON CURRICULUM

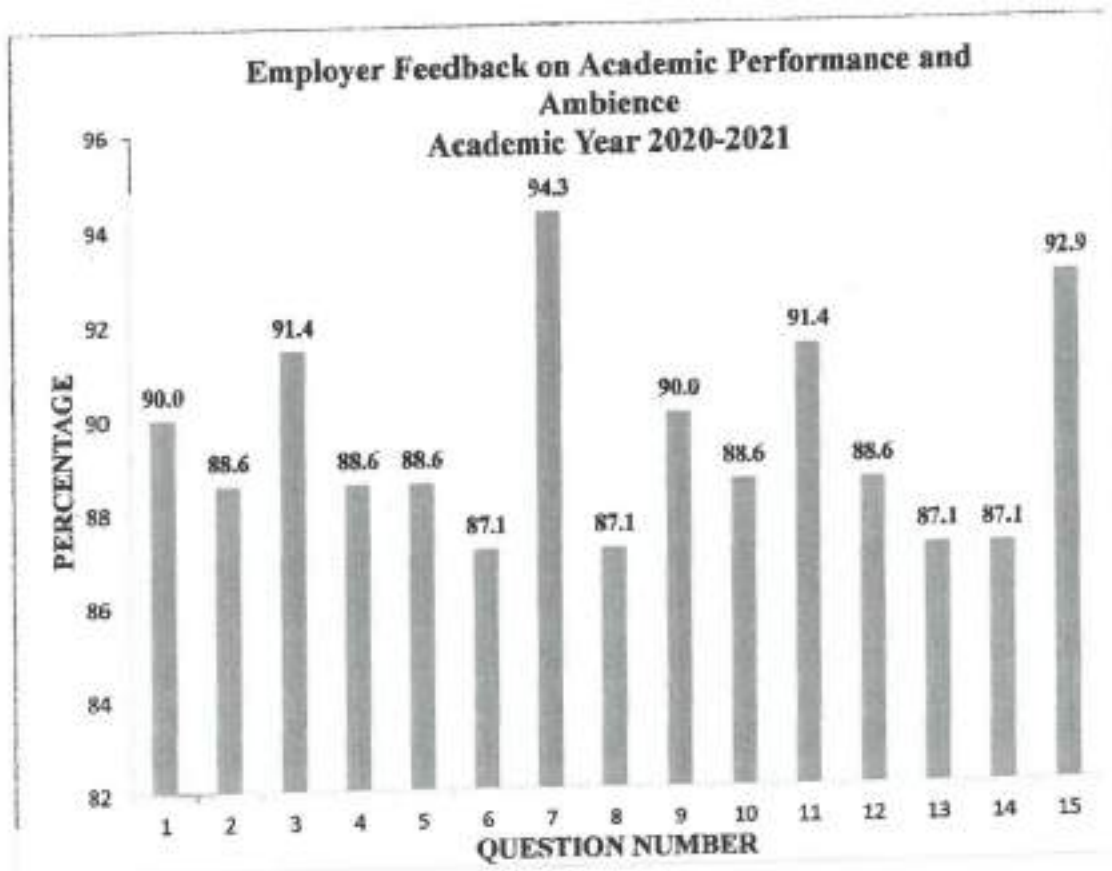
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the availability of Curriculum that suitable for recruitment of students.	90
2.	Rate the availability of course content with respect to industry readiness.	89
3.	Rate the electives offered in the curriculum in relevance to technological advancements.	91.4
4.	Rate the 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.

Page 1 of 2




IQAC Coordinator


Principal


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



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
Marikandam, Trichy-620 012.



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-49B), Manikandam, Trichy-620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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

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
Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli-620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Report On Value Added Course

Title	MACHINE LEARNING WITH R				
Resource Person:	Mr. Eswaran, Project Manager Mind Soft Technologies, Bangalore				
Date of conduct from :	14.12.2020	To:	18.12.2020	Duration:	30 Hours
Organized Department	COMPUTER SCIENCE AND ENGINEERING				
Participant	CSE IV, III, II and PG 1 Year	No. of Students Registered	82		
Venue:	online mode Google Meet: meet.google.com/14.12.2020 to 18.12.2020				

Outcomes 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
IS Valley, Madurai Main Road
Manikandam, Trichy-620 012.



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-46B), Manikandam, Trichy-12.
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



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.

Engr.
Mr. Eswaran, Project Manager
Mind Soft Technologies

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

[Handwritten Signature]
Principal
IGCE



Indra Ganesan

COLLEGE OF ENGINEERING

Madura Main Road (N-45B), Manikandam, Tiruchappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited, 2017 - Status: Excellent as per UGC



REPORT ON VALUE ADDED COURSE

Title: "Application of NX-CAD"

Resource Person:	Mr. Balaji Trainer CADD centre Trichy	Mr. Sundara Moorthi Trainer CADD centre Trichy
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Date of conduct from	07.06.2021	To	11.06.2021	Duration:	30 Hours
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Organized Department : Mechanical Engineering

Participant Year: 3,4

No. of Students Registered : 46

Venue: GOOGLE MEET

Online mode - meet.google.com/blw-afpf-ujc

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 Graphics 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)

S. Deepakumar
VAC Coordinator

D. P. Ramesh
HOD/MECH

[Signature]
Principal

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



CERTIFICATE OF PARTICIPATION

UNI
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. C. Balakrishnan, M.E., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Mankandam, Trichy - 620 012



Mr. BALAJI
UNIQUE MEP




PRINCIPAL
IGCE



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirapalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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 - https://meet.google.com/zcm-djnn-mdt				

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
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
Manikendram, Trichy-620 012.

Mr. P. Jayakumar
CADD Centre



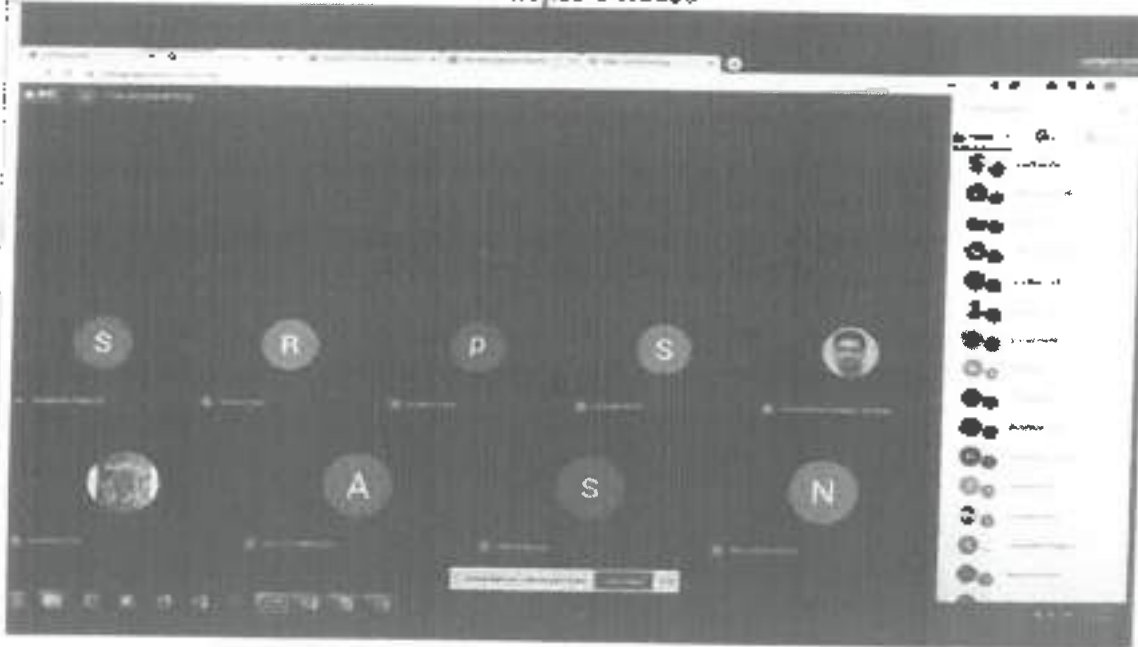
Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH 45B), Manikandam, Trichy - 62.
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 Sar 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: meet.google.com/ahd-hgde-djk		


Sample Photos




VAC Coordinator


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,




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 08th February 2021 to 12th 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

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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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:

<https://meet.google.com/mnd-rqm-gb>(Google meet link)



Kaliraj
VAC Coordinator

Sivasa
HoD CIVIL

[Signature]
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

ACTION TAKEN REPORT BASED ON
FEEDBACK ANALYSIS

ACADEMIC YEAR
2019-2020



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 2019-20

A. STUDENT FEEDBACK ON CURRICULUM

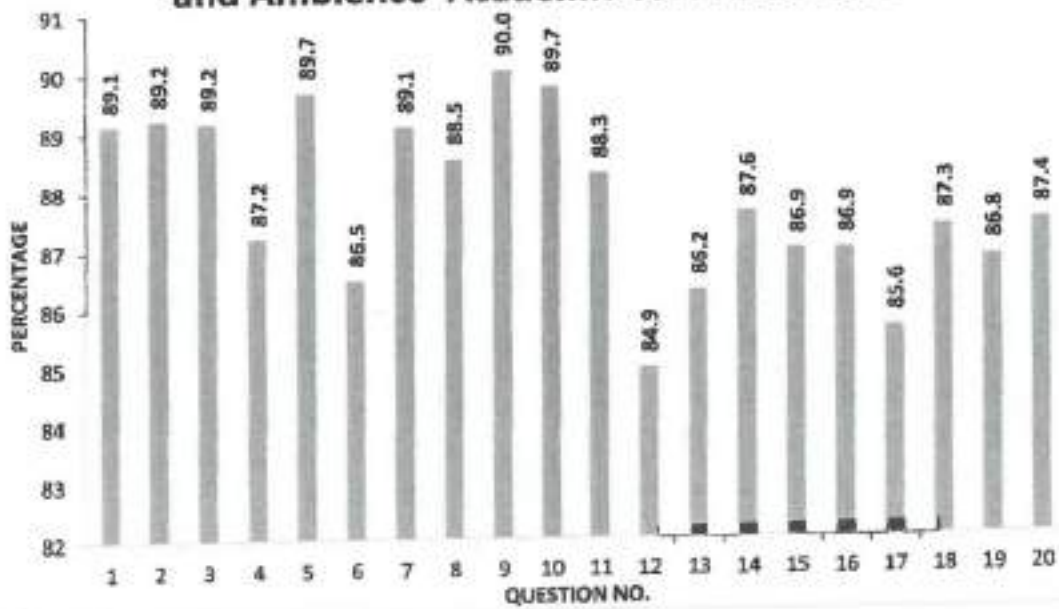
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	89.1
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	89.2
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	89
4.	Rate the adequate number of text books and reference books mentioned for the courses.	87.2
5.	Rate the implementation of CBCS in the Curriculum.	89.7
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.	86.5
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	89.1
8.	Rate the availability of course content with respect to industry readiness.	88.5
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	90
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	89.7

B. STUDENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	88.3
12.	Rate the availability of text & reference books and journals in the central library.	84.9
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	86.2
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	87.6
15.	Rate the quality, quantity and price of food served to the students in the canteen.	86.9
16.	Rate the transport facility provided by the Institution.	86.9
17.	Rate the facility available for waste disposal in the college campus.	85.6
18.	Rate the facility available for disabled friendly environment in the college campus.	87.3
19.	Rate the availability of renewable energy sources in the college campus.	86.8
20.	Rate the best practices implemented by the Institution.	87.4

Dr. G. Balakrishnan, M.E., Ph.D.,
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India

Student Feedback on Academic Performance and Ambience Academic Year 2019-2020



Neelgathi
 IQAC Co-ordinator

[Signature]
 Principal

[Signature]
 Dr. G. Balakrishnan, M.E., Ph.D.,
 Dr. G. Balakrishnan, M.E., Ph.D.,
 Principal
 Indra Ganesan College of Engineering
 Indra Ganesan Medikal Main Road
 Madhavaram (T) Chennai - 600 012.



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)

FACULTY FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2019-20

A.FACULTY FEEDBACK ON CURRICULUM

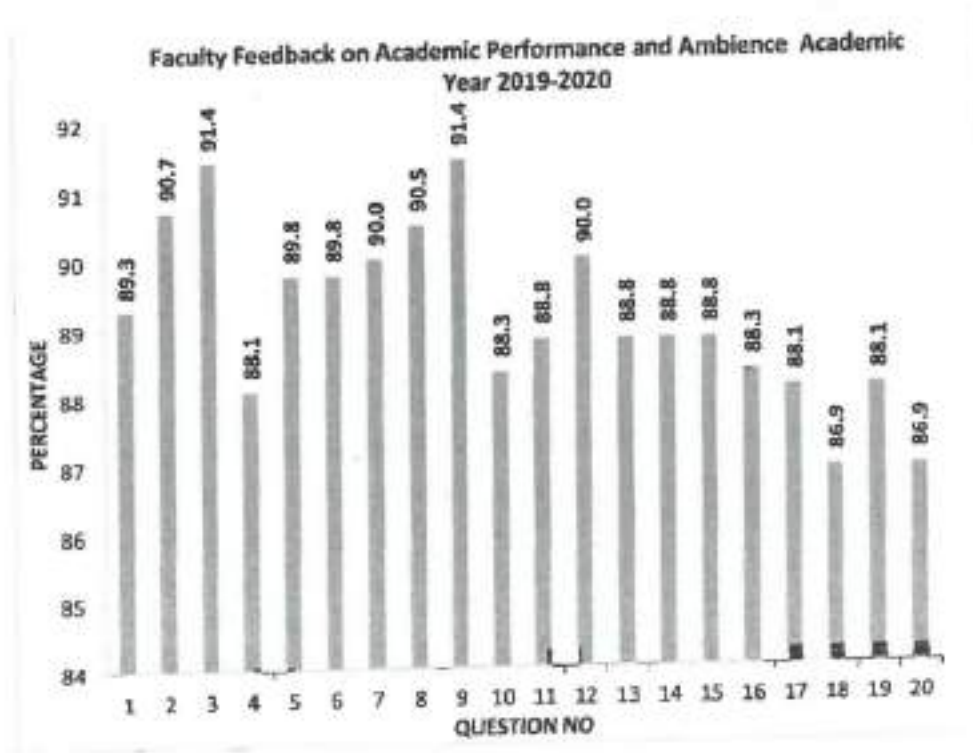
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the clarity in definition of course objectives and outcomes in the syllabus.	89.3
2.	Rate the allocations of hours prescribed in the syllabus with respect to the course content.	90.7
3.	Rate the number of text and reference books mentioned in the syllabus.	91.4
4.	Rate the coverage of units as per the prescribed text books and reference books.	88.1
5.	Rate the content of recent technologies mentioned in the syllabus.	89.8
6.	Rate the clarity of mapping the COs with POs and PSOs in the syllabus.	89.8
7.	Rate the availability of curriculum to bridge the gap between the industry and institute.	90.0
8.	Rate the course content that supports to enrich the faculty knowledge for continuous teaching and learning process.	90.5
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.,	91.4
10.	Rate the electives offered in the curriculum in relevance to technological advancements.	88.3

B.FACULTY FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

11.	Rate the availability of ERP software, ICT facilities used for teaching and learning process.	88.8
12.	Rate the availability of text & reference books and journals in the library.	88.8
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	88.8
14.	Rate the faculty performance appraisal system implemented by the Institution.	88.3
15.	Rate the quality, quantity and price of food offered in the canteen.	88.1
16.	Rate the transport facility provided by the Institution.	86.9
17.	Rate the facility available for waste disposal in the college campus.	88.1
18.	Rate the facility available for disabled friendly environment in the college campus.	86.9
19.	Rate the availability of renewable energy sources in the college campus.	88.1
20.	Rate the welfare measures implemented by the Institution for staff.	86.9

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

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



N. Rajagathi
 IQAC Coordinator

[Signature]
 Principal

[Signature]
D. S. Balakrishnan, M.E., Ph.D.
 Principal
 Indra/Gatesare College of Engineering
 ICES Valley, Melur Malai, Pottai
 Manikondam, Tiruchy-600022



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)

PARENTS FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2019-20

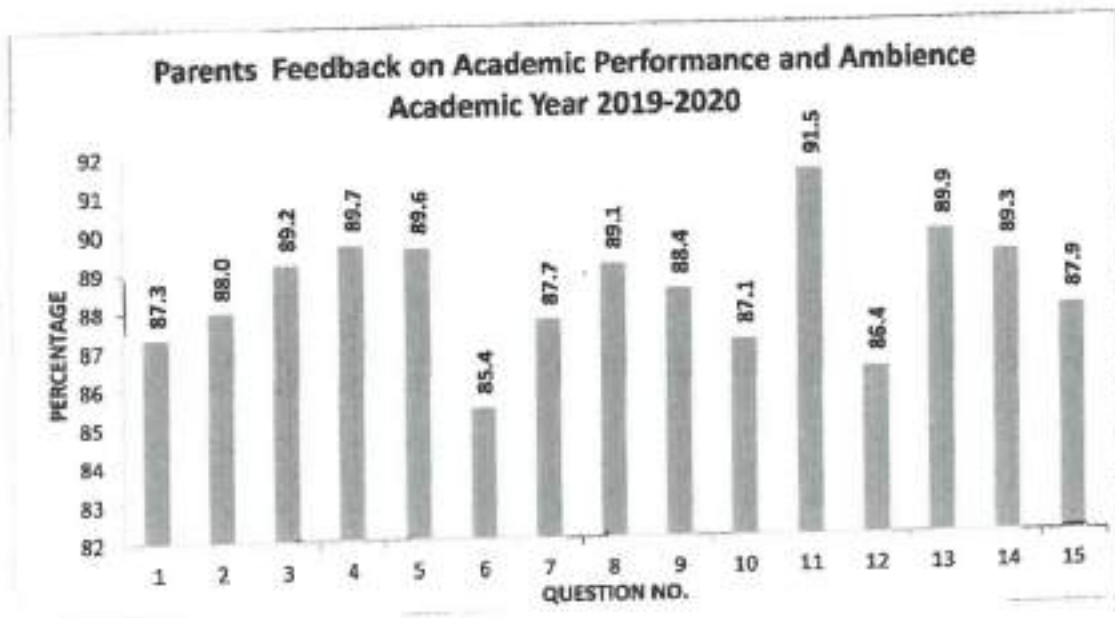
A. PARENT FEEDBACK ON CURRICULUM

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.,	87.3
2.	Rate the electives offered in the curriculum in relevance to technological advancements.	88
3.	Rate the availability of course content with respect to industry readiness.	89.2
4.	Rate the content of courses offered in the curriculum to motivate the students to pursue for their higher studies, career orientation and research work.	89.7
5.	Rate the usefulness curriculum for lifelong learning.	89.6

B. PARENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	85.4
7.	Rate the availability of text & reference books and journals in the central library.	87.7
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.	88.4
10.	Rate the quality, quantity and price of food served to the students in the canteen.	87.1
11.	Rate the transport facility provided by the Institution.	91.5
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.	89.9
14.	Rate the availability of renewable energy sources in the college campus.	89.3
15.	Rate the student welfare measures offered by the Institution.	87.9


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



Resgathi
IQAC Coordinator

[Signature]
Principal

[Signature]
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Institute of Engineering & Technology
105/11th Main Road,
Mankandur, Tirupur-620 022.



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)

ALUMNI FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2019-20

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.,	89.0
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	92.5
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	91.7
4.	Rate the adequate number of text books and reference books mentioned for the courses.	86.8
5.	Rate the implementation of CBCS in the Curriculum.	90.5
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.	90.2
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	89.9
8.	Rate the availability of course content with respect to industry readiness.	89.0
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	90.3
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	89.2

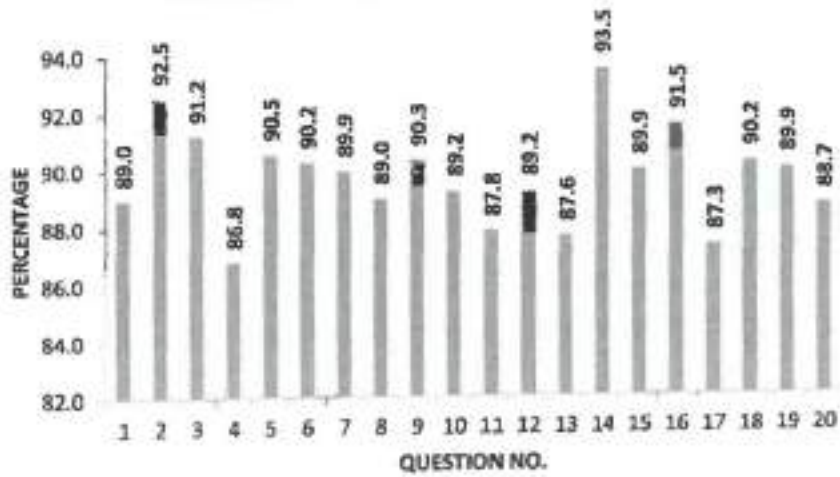
B. ALUMNI FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	87.8
12.	Rate the availability of text & reference books and journals in the central library.	89.2
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	87.6
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	93.5
15.	Rate the quality, quantity and price of food served to the students in the canteen.	89.9
16.	Rate the transport facility provided by the Institution.	91.5
17.	Rate the facility available for waste disposal in the college campus.	87.3
18.	Rate the facility available for disabled friendly environment in the college campus.	93.2
19.	Rate the availability of renewable energy sources in the college campus.	89.9
20.	Rate the best practices implemented by the Institution.	88.7

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

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

**Alumni Feedback on Academic Performance and
Ambience Academic Year 2019-2020**



[Signature]
IQAC Coordinator

[Signature]
Principal

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



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)

EMPLOYER FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2019-20

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.	80
3.	Rate the electives offered in the curriculum in relevance to technological advancements.	86.7
4.	Rate the availability of curriculum to bridge the gap between the industry and institute.	84
5.	How do you rate the overall content of the curriculum?	82.7

B.EMPLOYER FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for pre placement training.	85.3
7.	Rate the availability of aptitude/competitive examination books in the central library.	88
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for recruitment drive.	88
9.	Rate the functioning of Training & Placement cell of the Institution.	84
10.	Rate the capacity building programmes offered by the Institution to enhance employability skills of the students.	80
11.	Rate the learning experience offered in terms of problem solving/experiential learning to the students of the institutions.	84
12.	Rate the facility available for waste disposal in the college campus.	85.3
13.	Rate the facility available for disabled friendly environment in the college campus.	82.7
14.	Rate the availability of renewable energy sources in the college campus.	84
15.	Rate the initiatives taken by the Institution for water conservation.	82.7

Page 1 of 2

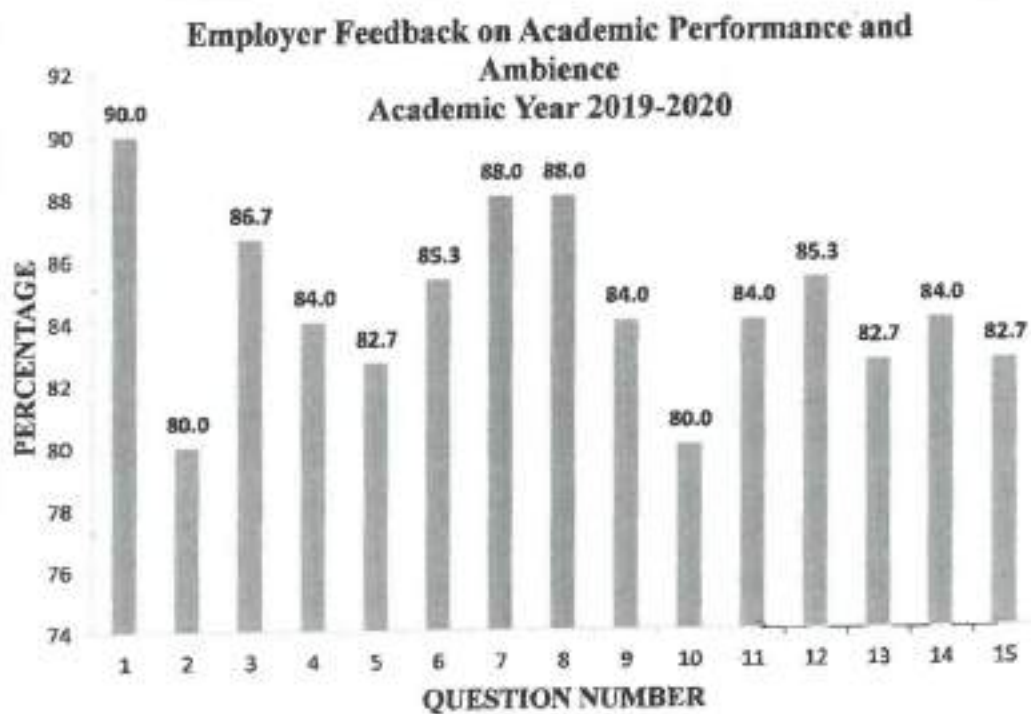
Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.



[Signature]
IBAC Coordinator

[Signature]
Principal

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



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Date: 20.02.2020


STAKEHOLDER FEEDBACK ON ACADEMIC PERFORMANCE & AMBIENCE ACTION TAKEN REPORT -2019-2020

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	CE8391	Construction Materials	Safety in Construction	5
2.	B.E-Computer Science and Engineering	CS8651	Internet Programming	Connecting to a database	4
3.	B.E-Mechanical Engineering	ME8381	Evaluation of CREO	3D Geometric Modeling	3
		ME8594	External Aero dynamics simulations	Balancing	2
4.	B.E-Electrical and Electronics Engineering	EE8691	Embedded Systems	Various Embedded Development Strategies	1

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.


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

Principal

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


PRINCIPAL



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-46B), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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 2019-2020 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.	Safety in Construction	Civil Engineering
2.	PHP	Computer Science and Engineering
3.	Evaluation of CREO External Aero dynamics simulations	Mechanical Engineering
4.	Electrochemical Energy Storage	Electrical & Electronics Engineering


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
Madurai Main Road (201-400), Manikandam, Tiruchirappalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Report on Value Added Course

Title: **PHP**

Resource Person: **Mr. C.Arunbalaji** **Mr.R.Sathish Kumar**
JD Software Pvt Ltd JD Software Pvt Ltd
Vandalur Vandalur

Date of conduct from : **16.12.2019** To: **21.12.2019** Duration: **36 Hours**

Organized Department : **COMPUTER SCIENCE AND ENGINEERING**

Participant Year: **CSE IV,III,II and M.E-II Year** No. of Students Registered : **99**

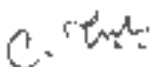
Venue: **SD LAB and NETWORK LAB II FLOOR**

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

- Know the fundamentals of PHP and its architecture.
- Built Module, controllers, Events
- Apply inbuilt and custom pipes
- Develop object-oriented Ruby programs using classes and objects
- Design forms and Modules in React JS
- Explain Services, Animations, Routing.

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/CSE


Principal


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



Indra Ganesan

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



JD Soft
... beyond IT

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **DEEPIKA N** of
..... **III YEAR CSE** has successfully completed the Value Added Course on **PHP**
organized by Department of Computer Science and Engineering and IQAC of our Institution in
Association with JD Software Pvt Ltd from 19th Dec 2019 TO 23rd Dec 2019 during the Academic
Year 2019-2020.

Project Manager
JD Software Pvt Ltd

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

Principal
IGCE



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:	"Automation and Robotics"		
Resource Person:	Dr.M.Abbas, Design Engineer, Sri Sai Software		
Date of conduct from :	09.12.2019	To:	13.12.2019
		Duration:	30 Hours
Organized Department :	Electrical and Electronics Engineering		
Participant Year:	2,3,4	No. of Students Registered :	63
Venue:	EEE III yr Classroom		

Sample Photos



Manikandam, Tamil Nadu, India
 PUNJAB, Trichy - India 62, Manikandam, Palani Road, Tamil Nadu, 620012, India
 Lat: 09.443089
 Long: 76.031094
 10/12/19 14:00:07 AM GMT+05:30

Abhishek
 VAC Coordinator

Dr. M. Malathi
 HOD/EEE

[Signature]
 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

This is to certify that Mr. PAVENTHAN A, IV Year, EEE has successfully completed the Value Added Course on "Automation and Robotics" organized by Department of Electrical & Electronics Engineering and IQAC of our Institution in Association with Sri Sai Software from 9th December 2019 to 13th December 2019 (5days) during the Academic year 2019-2020.

Sri Sai Software
Mr.S.Ritik Singh
Chief Executive Officer.

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

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirapalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Report on Value Added Course


Title:	External Aerodynamics Simulations		
Resource Person:	Mr. Suresh, Trainer NIT Siemens, Trichy	Mr. Vijay Trainer NIT Siemens, Trichy	
Date of conduct from :	01.06.2020	To: 05.06.2020	Duration: 30 Hours
Organized Department :	MECHANICAL ENGINEERING		
Participant Year:	2,3	No. of Students Registered :	65
Venue:	Mechanical Seminar hall		

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

- Know to explain the design working in the automotive field.
- Know how to illustrated explanations of the physical principles involved
- Students are expected to learn and practice the Vehicle Aerodynamic applications.
- Know to recall Aerodynamic improvements to an existing design.
- They receive required training on Thermal Management, Aeroacoustics, Contamination, and Climate Comfort.

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


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

NIT SIEMENS

Tanjore Main Road, NH67, near BHEL., Tiruchirappalli, Tamil Nadu 620015



CERTIFICATE OF PARTICIPATION

This is to certify that Mr.M.Venkatesh of IV Year MECH has successfully completed the value added course on "External Aerodynamics Simulations" organized by Department of Mechanical Engineering and IQAC of our institution in association with NIT SIEMENS from 11 June 2019 to 15 June 2019 (5 days) during the Academic year 2019-2020.


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

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


Mr. Suresh
NIT SIEMENS



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Tiruchirapalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Report on Value Added Course

Title:	Evaluation of CREO				
Resource Person:	Mr. Jayakumar & Mr. Prabakar, Trainer, CADD centre, Trichy				
Date of conduct from :	09.12.2019	To:	13.12.2019	Duration:	30 Hours
Organized Department :	MECHANICAL ENGINEERING				
Participant Year:	4	No. of Students Registered :		41	
Venue:	Mechanical Seminar hall				

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

- Know to explain the CREO Parametric Interface, Concepts.
- Know how to Creating and Modifying Sketches
- Learn and Demonstrate Datum, Patterns, basic commands
- Students are expected to learn the special tools like Creating Shells, Draft, Holes, Ribs.
- Know to recall Assembling with Constraints, Drafting in CREO.
- They receive required training on Animating Assemblies, Applying Mechanism to Assemblies, Creating Sheet Metal Work


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

CADD CENTRE

**CADD[®]
CENTRE**


Premier Plaza, No-122, II Floor, 5&44, Bharathiar Salai, Cantonment, Tiruchirappalli, 620001

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Amar Praveen D of IV Year MECH has successfully completed the value added course on Evaluation of CREO organized by Department of Mechanical Engineering and IQAC of our institution in association with CADD centre from 11 June 2019 to 15 June 2019 (5 days) during the Academic year 2019-2020.


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

Indra Ganesan College of Engineering
HG Valley, Madurai Main Road
Manikandam, Tiruchirappalli 620 019


Mr. Jayakumar,
CADD Centre

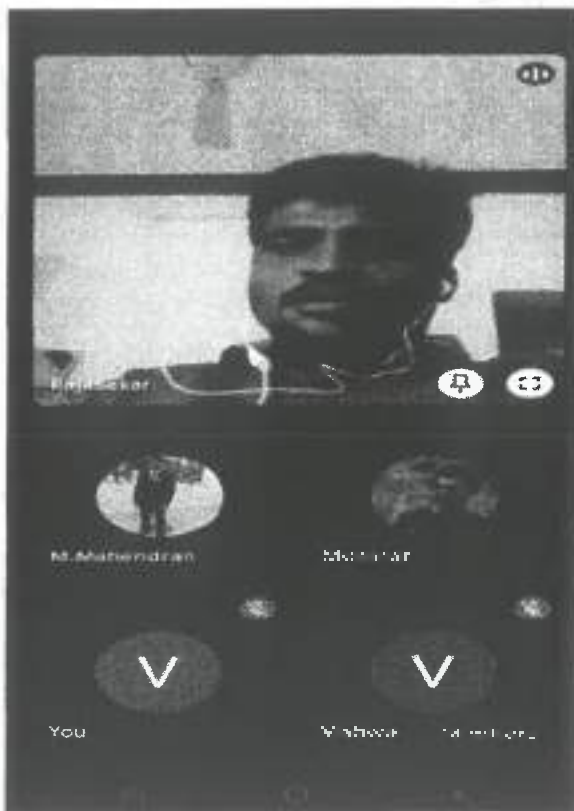


Indra Ganesan

COLLEGE OF ENGINEERING
 Madurai Main Road (NH-45B), Manikandam, Trichy-12.
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REPORT ON VALUE ADDED COURSE (SAMPLE PHOTOS)

Title:	"Safety in construction"				
Resource Person:	Mr.K. Kumar, Assistant Engineer Kalam Construction, Trichy, Tamilnadu		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:	20.07.20	To:	24.07.24	Duration:	30 Hours
Organized Department:	CIVIL ENGINEERING				
Participant Year:	2, 3, 4	Semester:	EVEN	No. of Students Registered:	44
Venue:	https://meet.google.com/tpd-tpgm-gb (Google meet link)				



[Signature]
VAC Coordinator



[Signature]
HOD/CIVIL

[Signature]
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 **Ms. PREETA S** of **IV Year B.E- CIVIL** has successfully completed the Value Added Course on "Safety in Construction" organized by Department of Civil Engineering and IQAC of our Institution in Association with "KALAM CONSTRUCTION" from 20th July 2020 to 24th July 2020 (5Days) during the Academic year 2019-2020

Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 032.

Principal
Indra Ganesan College of Engineering

Director

Kalam Construction

ACTION TAKEN REPORT BASED ON
FEEDBACK ANALYSIS

ACADEMIC YEAR
2018-2019



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 2018-19

A. STUDENT FEEDBACK ON CURRICULUM

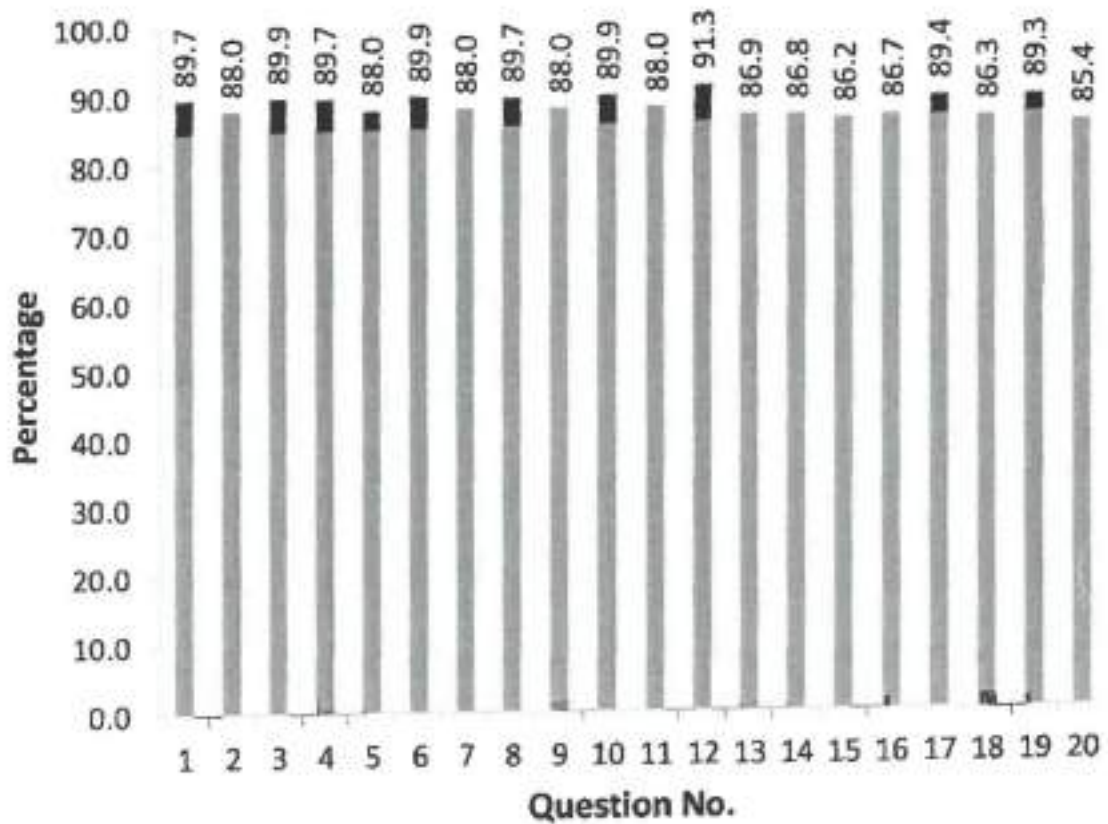
S.No.	QUESTIONS	PERCENTAGE
1.	Rate the composition of the courses based on Basic Science, Engineering Science, Humanities and Social Sciences, Professional Core, Professional Elective, Open Elective, Employment Enhancement Courses and Project Work etc.,	89.7
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	88.0
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	89.9
4.	Rate the adequate number of text books and reference books mentioned for the courses.	89.7
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.	89.9
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	88.0
8.	Rate the availability of course content with respect to industry readiness.	89.7
9.	Rate the number of experiments available in the laboratory courses with respect to real time problems.	88.0
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	89.9

B. STUDENT FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	88.0
12.	Rate the availability of text & reference books and journals in the central library.	91.3
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	86.9
14.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	86.8
15.	Rate the quality, quantity and price of food served to the students in the canteen.	86.2
16.	Rate the transport facility provided by the Institution.	86.7
17.	Rate the facility available for waste disposal in the college campus.	89.4
18.	Rate the facility available for disabled friendly environment in the college campus.	86.3
19.	Rate the availability of renewable energy sources in the college campus.	89.3
20.	Rate the best practices implemented by the Institution.	85.4


Dr. G. Balakrishnan, *Principal*
Dr. G. Balajirindpal, *Head of Institution*
Indra Ganesan College of Engineering
Indra Valley, Madurai Main Road,
Manikandam, Trichy-620 012,
Manikandam, Trichy-620 012

Student Feedback on Academic Performance and Ambience Academic Year 2018-2019




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


 Principal



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)

**FACULTY FEEDBACK ANALYSIS ON
Academic Performance and Ambience**

ACADEMIC YEAR 2018-19


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 proscribed in the syllabus with respect to the course content.	88.4
3.	Rate the number of text and reference books mentioned in the syllabus.	92.7
4.	Rate the coverage of units as per the prescribed text books and reference books.	87.6
5.	Rate the content of recent technologies mentioned in the syllabus.	90.7
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.	90.4
8.	Rate the course content that supports to enrich the faculty knowledge for continuous teaching and learning process.	88.9
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.,	89.3
10.	Rate the electives offered in the curriculum in relevance to technological advancements.	89.6

B.FACULTY FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

11.	Rate the availability of ERP software, ICT facilities used for teaching and learning process.	90.9
12.	Rate the availability of text & reference books and journals in the library.	88.9
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	89.3
14.	Rate the faculty performance appraisal system implemented by the Institution.	87.6
15.	Rate the quality, quantity and price of food offered in the canteen.	86.7
16.	Rate the transport facility provided by the Institution.	92.4
17.	Rate the facility available for waste disposal in the college campus.	89.3
18.	Rate the facility available for disabled friendly environment in the college campus.	89.8
19.	Rate the availability of renewable energy sources in the college campus.	87.3
20.	Rate the welfare measures implemented by the Institution for staff.	89.1

Page 1 of 2


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



INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 620 012, India
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PARENTS FEEDBACK ANALYSIS ON

Academic Performance and Ambience

ACADEMIC YEAR 2018-19

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.,	89.5
2.	Rate the electives offered in the curriculum in relevance to technological advancements.	89.5
3.	Rate the availability of course content with respect to industry readiness.	90.4
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.	89.7
5.	Rate the usefulness curriculum for lifelong learning.	90

B.PARENT FEEDBACK ON AMBIENCE(INFRA STRUCTURE)

6.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	88
7.	Rate the availability of text & reference books and journals in the central library.	87
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	89
9.	Rate the initiatives followed by the institution to allow the students to participate in intra /inter/state / national /international level competitions.	88
10.	Rate the quality, quantity and price of food served to the students in the canteen.	90
11.	Rate the transport facility provided by the Institution.	89
12.	Rate the facility available for waste disposal in the college campus.	87.1
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.	90
15.	Rate the student welfare measures offered by the Institution.	87

Page 1 of 2

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

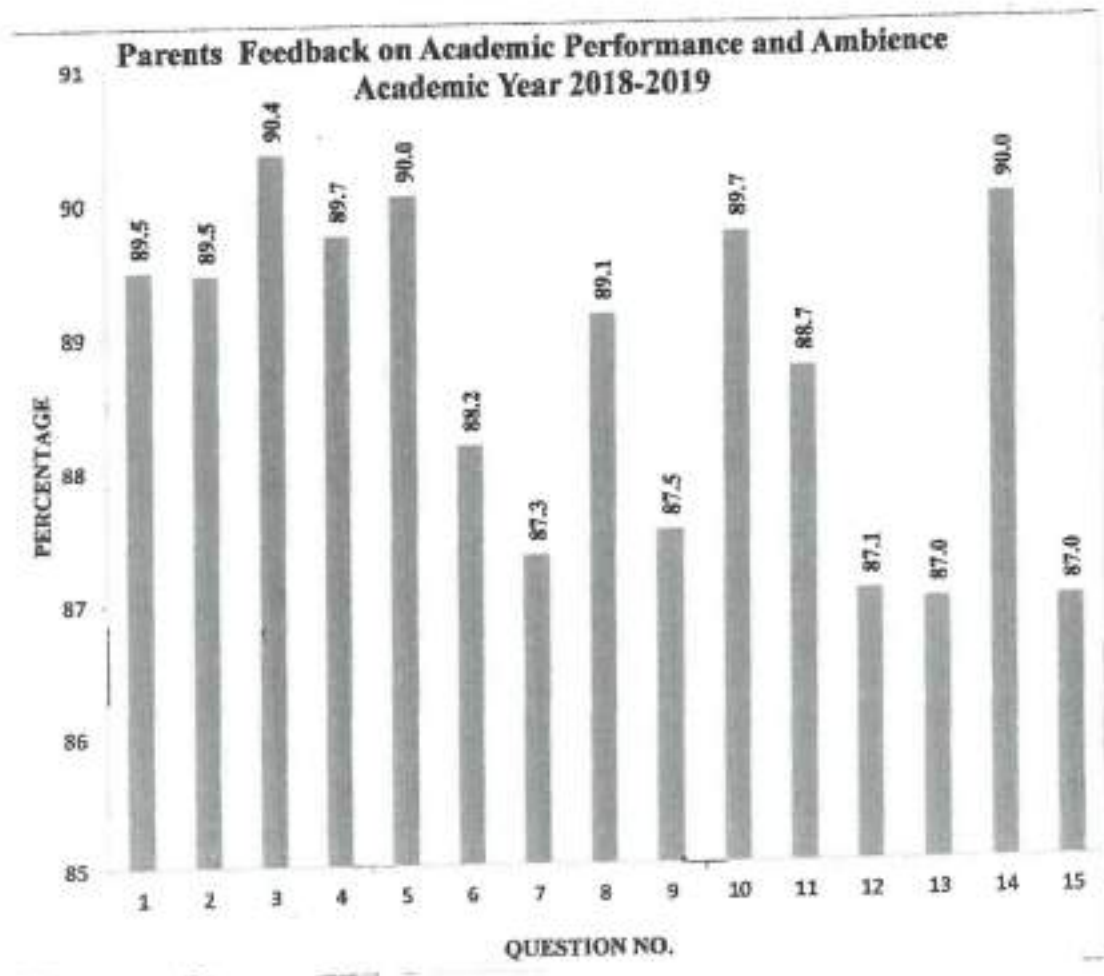
Indra Ganesan College of Engineering
IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu

Manikandam, Tiruchirappalli, Tamil Nadu

Manikandam, Tiruchirappalli, Tamil Nadu

Manikandam, Tiruchirappalli, Tamil Nadu

Manikandam, Tiruchirappalli, Tamil Nadu




 Principal


Dr. G. Balakrishnan, M.A., M.Sc., Ph.D.,
Dr. G. Balakrishnan, Principal
 Indra Ganesan College of Engineering
 Indra Ganesan Road, Manikandam
 NGV, Kallakurichi, Trichy-620 012
 Manikandam, Trichy-620 012



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)

ALUMNI FEEDBACK ANALYSIS ON Academic Performance and Ambience

ACADEMIC YEAR 2018-19

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.,	90.4
2.	Rate the appropriateness of sequence of the courses provided in the Curriculum.	90.4
3.	Rate the appropriateness of sequence of the units of the courses provided in the Curriculum.	90.2
4.	Rate the adequate number of text books and reference books mentioned for the courses.	89.9
5.	Rate the implementation of CBCS in the Curriculum.	90.8
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.	88.8
7.	Rate the electives offered in the curriculum in relevance to technological advancements.	88.9
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.	91.3
10.	Rate balance between theory and the laboratory courses available in the Curriculum.	89.7

B. ALUMNI FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

11.	Rate the availability of well-furnished class rooms, ICT facilities used for teaching & learning process.	87.7
12.	Rate the availability of text & reference books and journals in the central library.	89.0
13.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for active learning.	89.3
14.	Rate the functioning of Training & Placement cell of the Institution.	92.3
15.	Rate the capacity building programmes offered by the Institution to enhance employability skills.	88.0
16.	Rate the facilities provided by the Institution for career counseling and career guidance.	92.5
17.	Rate the facility available for waste disposal in the college campus.	88.8
18.	Rate the facility available for disabled friendly environment in the college campus.	91.7
19.	Rate the availability of renewable energy sources in the college campus.	89.4
20.	Rate the best practices implemented by the Institution.	89.9

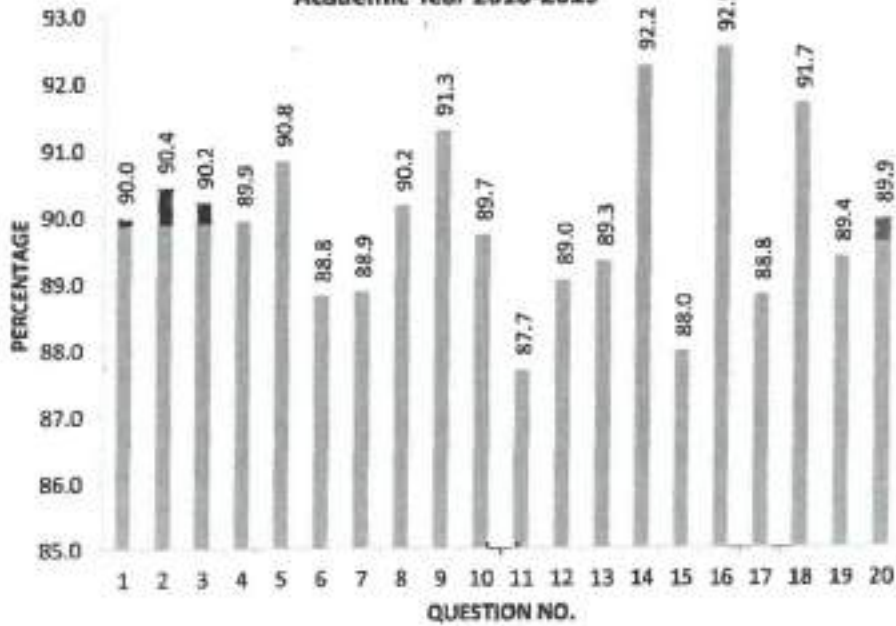
Page 1 of 2

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

Principal

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

**Alumni Feedback on Academic Performance and Ambience
Academic Year 2018-2019**




Principal


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Dr. J. Ganesh College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 013



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)

EMPLOYER FEEDBACK ANALYSIS ON Academic Performance and Ambience ACADEMIC YEAR 2018-19

A.EMPLOYER FEEDBACK ON CURRICULUM

S.No.	QUESTIONS	PERCENTAGE
1.	Rate the availability of Curriculum that suitable for recruitment of students.	87.1
2.	Rate the availability of course content with respect to industry readiness.	72.9
3.	Rate the electives offered in the curriculum in relevance to technological advancements.	72.9
4.	Rate the availability of curriculum to bridge the gap between the industry and institute.	75.3
5.	How do you rate the overall content of the curriculum?	71.8

B.EMPLOYER FEEDBACK ON AMBIENCE (INFRA STRUCTURE)

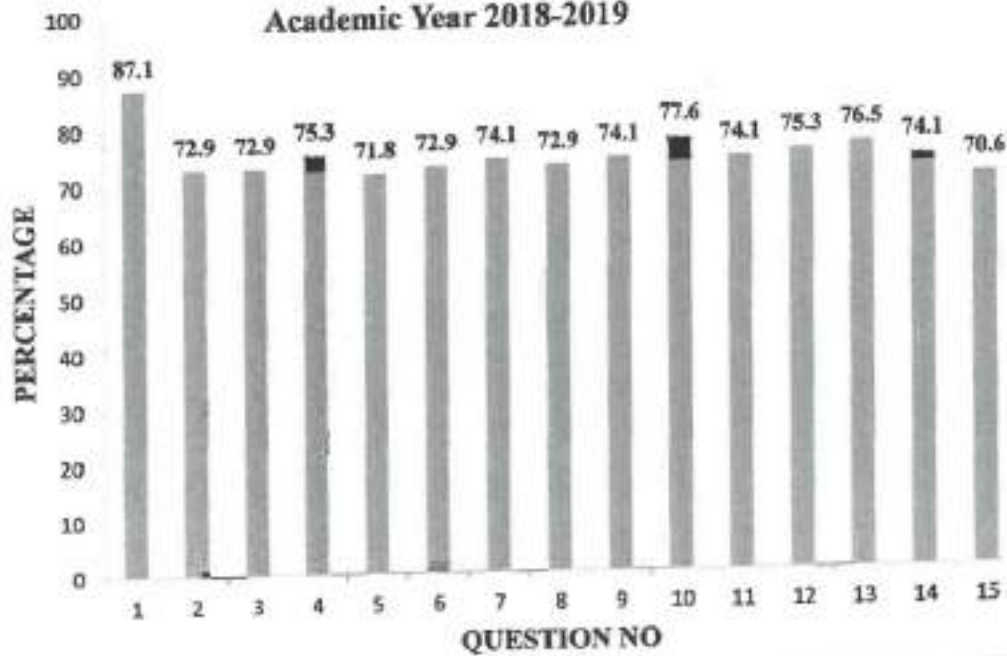
6.	Rate the availability of well-furnished class rooms, ICT facilities used for pre placement training.	72.9
7.	Rate the availability of aptitude/competitive examination books in the central library.	74.1
8.	Rate the initiatives followed by the institution to provide safe & secure, clean campus environment for recruitment drive.	72.9
9.	Rate the functioning of Training & Placement cell of the Institution.	74.1
10.	Rate the capacity building programmes offered by the Institution to enhance employability skills of the students.	77.6
11.	Rate the learning experience offered in terms of problem solving/experiential learning to the students of the Institutions.	74.1
12.	Rate the facility available for waste disposal in the college campus.	75.3
13.	Rate the facility available for disabled friendly environment in the college campus.	76.5
14.	Rate the availability of renewable energy sources in the college campus.	74.1
15.	Rate the initiatives taken by the Institution for water conservation.	70.6

Page 1 of 2

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

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

**Employer Feedback on Academic Performance and
Ambience
Academic Year 2018-2019**




Principal


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



Date: 06.05.2019

STAKEHOLDER FEEDBACK ON ACADEMIC PERFORMANCE & AMBIENCE

ACTION TAKEN REPORT -2018-2019

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.

SLNo	Name of the Degree	Course Code	Course Title	Topic to be Included	Unit No
1.	B.Tech- Agricultural Engineering	OEN751	Green Building Design	Revit Architecture	4
2.	B.F-Computer Science and Engineering	CS8075	DATA WAREHOUSING AND DATA MINING	Covering rules	4
3.	B.E-Mechanical Engineering	ME 8691	Model Based system Engineering	Cellular Manufacturing	5
		ME8094	Introduction to CAD,CAM & Practical CNC Machining	CAD/CAM Concepts	1
4.	B.E-Electrical and Electronics Engineering	EE8703	Renewable Energy Systems	Adequate inputs on a variety of issues in harnessing renewable Energy	2

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.

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
Madurai Main Road (MH-959), Manikandam, Trichy-620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

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 2018-2019 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.	Revit Architecture	Civil Engineering
2.	Data Mining	Computer Science and Engineering
3.	Model Based system Engineering Introduction to CAD,CAM & amp; Practical CNC Machining	Mechanical Engineering
4.	Power Grid Protection	Electrical & Electronics Engineering

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
 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:	"Electrical Machine Design, Winding, Assembling, & Dismantling"			
Resource Persons:	1. Mr. Kavitha, Design Engineer, Smart Power Care, Thillai Nagar, Trichy.		2. C. Rajesh Khanna, Trainer Smart Power Care, Thillai Nagar, Trichy.	
Date of conduct from :	10.12.2018	To:	14.12.2018	Duration: 30 Hours
Organized Department :	Electrical and Electronics Engineering			
Participant Year:	2,3,4		No. of Students Registered	92
Venue:	EEE I and II yr Classrooms			

Sample Photos



[Signature]
 VAC Coordinator

[Signature]
 HoD/EEE

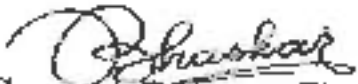
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 Principal

[Signature]
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

This is to certify that Ms. GAYATHRI S, III Year, EEE has successfully completed the Value Added Course on “Electrical Machine Design, Winding, Assembling, & Dismantling” organized by Department of Electrical & Electronics Engineering of our Institution in Association with Smart Power Care from 10th December 2018 to 14th December 2018 (5days) during the Academic year 2018-2019.


Smart Power Care
Mr. R. BHASKAR
Chief Executive Officer.


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

COLLEGE OF ENGINEERING

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

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

REPORT ON VALUE ADDED COURSE					
Title:	REVIT ARCHITECTURE				
Resource Person:	Mr.M.Thirupathi Mr.S.Santhosh TM design technology Coimbatore				
Date of conduct from :	19.06.2018	To:	23.06.2018	Duration:	30 Hours
Organized Department :	Civil Engineering				
Participant Year:	2, 3, 4	No. of Students Registered :	70		
Venue:	Civil Seminar Hall				
Outcome of Value Added Course (VAC): At the end of the Course, Students can able to					
<ul style="list-style-type: none">• Know real-world importance of software in civil engineering• Know how to perform in civil software in industries.• Study about importance of civil engineering software's.• Students are expected to learn and practice the skills they will need in the workplace.• Develop a foundational understanding of civil software's.					
Assessment Process					
<ul style="list-style-type: none">• 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)					
<p style="text-align: center;">Dr. G. Balakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.</p> <p><i>G. Balakrishnan</i> VAC COORDINATOR</p> <p><i>S. V. Sankar</i> HOD/CIVIL</p> <p><i>[Signature]</i> PRINCIPAL</p>					



Indra Ganesan

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

REPORT ON VALUE ADDED COURSE

PHOTO OF THE SESSION:



G. Bhuj
VAC Coordinator

Sivabany
HOD/CIVIL

[Signature]
PRINCIPAL

[Signature]

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



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (741-430), Menikandam, Tiruchirappalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. AGUSTIN RAJ of III Year B.E- CIVIL, Indra Ganesan College of Engineering has successfully completed the Value Added course "REVIT ARCHITECTURE" organised By Department Of Civil Engineering in association with TM DESIGN TECHNOLOGY conducted from 19.06.2018 to 23.06.2018, (5days) during Academic year 2018- 2019.

M. Anitha
Managing Director

TM Design Technology

[Signature]

Principal

Indra Ganesan Engineering College

[Signature]
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal

Indra Ganesan College of Engineering
IG Veilky, Madurai Main Road
Menikandam, Trichy-620 012



Indra Ganesan

COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 022
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Department of Computer Science & Engineering

Academic Year 2018-2019 – Odd Semester

Report on Value Added Course

Title: **Data Mining**

Resource Person:

Mr. A.R.Sooriyaoli,
Managing Director,
Blue Fire Xperts Infotech OPC Pvt
Ltd, Trichy,

Mr. V.Roshan
Trainer
Blue Fire Xperts Infotech OPC Pvt
Ltd, Trichy

Date of conduct from : **17.12.18**

To: **22.12.18**

Duration: **36 Hours**

Organized Department : **COMPUTER SCIENCE AND ENGINEERING**

Participant Year:

UG-II,III,IV
PG-I,II

No. of Students Registered :

DG -106
PG - 09
TOTAL-
115

Venue: **SD LAB & NETWORK LAB**
IGCE

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

- Know the concepts of functionality of the various data mining and data warehousing component
- Appreciate the strengths and limitations of various data mining and data warehousing model.
- Know the concept of Explain the analyzing techniques of various data.
- Describe different methodologies used in data mining and data ware housing
- Compare different approaches of data ware housing and data mining

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/CSE

Principal

Dr. G. ...
Principal
Indra Ganesan College of Engineering
15 Valley, Madurai Main Road
Manikandam, Trichy - 620 022



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Menikandan, Trichy-12,
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. **Mani Kandan.A**

..... **FINAL YEAR CSE** has successfully completed the Value Added Course on **Data Mining** organized by Department of Computer Science and Engineering and **Blue Fire Xperts Infotech** from 17th **DECEMBER 2018** to 15th **DECEMBER 2018** (6 days) during the Academic year 2018-2019.

A.R. Sooriyaoli,
Managing Director,
Blue Fire Xperts Infotech

Dr. G. Balakrishnan,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Menikandan, Trichy 620 012

PRINCIPAL



Indra Ganesan

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

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

Report on Value Added Course

Title:	Introduction to CAD, CAM & Practical CNC Machining			
Resource Person:	Mr. Prabakar Trainer CADD centre Trichy	Mr. Balaji Trainer CADD centre Trichy		
Date of conduct from :	05.11.2018	To:	09.11.2018	Duration: 30 Hours
Organized Department :	MECHANICAL ENGINEERING			
Participant Year:	2,3,4		No. of Students Registered :	106
Venue:	Mechanical Seminar Hall			

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

- Know to explain the CAD design process as applied to prismatic parts.
- Know how to summarize the workflow of digital manufacturing.
- Students are expected to learn and practice the skills they will need in the workplace
- Know to recall foundational knowledge of practical CNC machining.
- They receive required training on CAD, CAM & Practical CNC Machining.

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

**CADD[®]
CENTRE**

CADD CENTER


CERTIFICATE OF PARTICIPATION

Premier Plaza, No-122, 11 Floor, 5&44, Bbarathiar Salai, Cantonment, Tiruchirappalli

This is to certify that Mr. Deepak P of IV Year MECH, Indra Ganesan College of Engineering has successfully completed the Value Added course Introduction to CAD, CAM & Practical CNC Machining conducted from 05 November 2018 to 09 November 2018 (5 days) during the Academic year 2018-2019 odd semester.


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

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


Mr. Prabahar,
CADD Centre



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli- 620 012
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

REPORT ON VALUE ADDED COURSE

Title:	Model Based Systems Engineering			
Resource Person:	Mr. Balaji Trainer CADD center Trichy	Mr. Jaya kumar Trainer CADD center Trichy		
Date of conduct from :	11.06.2019	To:	15.06.2019	Duration: 30 Hours
Organized Department :	Mechanical Engineering			
Participant Year:	2,3,4	No. of Students Registered :	106	
Venue:	Mechanical Seminar hall			

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

- Know to explain the Model-based Systems Engineering and Object-Process Methodology
- Know how to Creation and consumption of objects
- Learnt and Demonstrate Object-Process Language
- Students are expected to learn and practice the Problem occurrence
- Know to recall Refining synchronous processes: In-zooming
- They receive required training Link uniqueness and model fact representation principles

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.Tech., Ph.D.
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Tiruchirappalli-620 012

CADD CENTRE

Premier Plaza, No-122, 11 Floor, 5&44, Bharathiar Salai, Cantonment, Tiruchirappalli.

CERTIFICATE OF PARTICIPATION

This is to certify that Mr. Ajmal Khan K of III Year M ECH, Indra Ganesan College of Engineering has successfully completed the Value Added course Model Based Systems Engineering conducted from 11 June 2019 to 15 June 2019 (5 days) during the Academic year 2018-2019 Even Semester.


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



Mr. Balaji,
CADD Centre