



# MAILAM ENGINEERING COLLEGE

Mailam (Po), Tindivanam (Tk.), Villupuram (Dt.) Pin: 604 304

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by National Board of Accreditation (NBA) & TATA Consultancy Services (TCS))

## IQAC

INTERNAL QUALITY ASSURANCE CELL

REPORT 2020-2021



# **ANNUAL REPORT (2020-21) - IQAC**

## **VISION**

To bring forth prosperity through modern technology by means of imparting value based education, innovation and become a world class technical institution.

## **MISSION**

- To provide necessary Technical Skills through excellent standards of quality education, keeping pace with ever changing technologies
- To bring students together to be trained in leadership skills, engage in activities that promote ethical manners, exhibit social liabilities and inspire a dedication to excellence.
- To develop the spirit of entrepreneurship among the students through entrepreneurial awareness campaign, training and research and development , etc.,

## **INTERNAL QUALITY ASSURANCE CELL (IQAC)**

IQAC in the institution was established in the academic year 2017 with an assessment to initiate, plan and monitor different activities which are important to maintain and improve the quality of education imparted, and also well defined in the quality policy of the institution. IQAC focuses on quality enrichment of teaching, learning, evaluation, research, extension and consultancy opportunities. The IQAC meets periodically to review the progress of the institution and its quality enhancement based on the criteria directed by the National Assessment and Accreditation Council (NAAC) and suggests actions for strengthening the quality of academic programmes further and ensures the quality through continuous monitoring.

## **FUNCTIONS AND RESPONSIBILITIES OF IQAC**

- Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution
- Developing ethical work culture in the institution
- Plays a vital role in the Institute for coordinating various activities ensuring quality including adoption and dissemination of best methods and practices
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process

- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes
- Dissemination of information on various quality parameters of higher education
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes / activities leading to quality improvement
- To plan and advice the Governing body on infrastructure and facilities
- Act as a dynamic system for quality changes in the college
- Development and maintenance of institutional database through MIS for the purpose of maintaining/enhancing the institutional quality
- Development of Quality Culture in the institution

### **STRATEGIES**

**IQAC shall evolve mechanisms and procedures for:**

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- The relevance and quality of academic and research programmes
- Equitable access to and affordability of academic programmes for various sections of society
- Optimization and integration of modern methods of teaching and learning
- The credibility of evaluation procedures
- Ensuring the adequacy, maintenance and functioning of the support structure and services
- Research sharing and networking with other institutions

### **BENEFITS**

- Ensure heightened level of clarity and focus in Institutional functioning leading towards quality enhancement
- Ensure internalization of the quality culture
- Ensure enhancement and coordination among various activities of the Institution

## IQAC COMPOSITION

Sl.No	COMPOSITION	NAME WITH DESIGNATION
1	Management Representative	Shri.M.Dhanasekaran Chairman & Managing Director Mailam Subramaniya Swamy Educational Trust
2	Chairperson Head of the Institution	Dr.S.Senthil Principal/MEC
3	Senior Faculty Member	Dr.R.Rajappan Dean/HOD Department of Mechanical Engineering
4	Senior Administrative Officer	Mr.T.Sivanandham Administrative Officer/MEC
5	Head of the Departments (Members)	Dr.N.Muralikrishnan HOD/EEE
		Dr.S.Ganesan HOD/ECE
		Dr.M.Ramalingam HOD/IT
		Dr.R.Mariappan HOD/MCA
		Dr.K.S.Johnsirani HOD/CIVIL
6	Member	Dr.P.SathishKumar Placement Officer/MEC
7	Member	Mr.L.Madhan Associate Professor/MBA
8	Member	Mr.S.Kadhiresan Librarian
9	Member	Mr.K.Loganathan Warden
10	Member	Mr.A.Udhaya Prakash Physical Education Director
11	Member	Mr.L.Krishnan Executive Engineer/TNEB
12	Member	Mr.K.Raghu Sr.Site Engineer
13	Nominee from Industrialists (Member)	Mr.R.Balaji Executive-HR/Shimizu corporation
14	Academic Expert (Member)	Dr.M.Anbarasan Professor/Anna University (Tindivanam Campus)
15	Members from student & Alumni	S.Vignesh & K.Bhuvaneshwaran
16	Members from parent	Mr.K.Sivaraman
17	IQAC Coordinator	Dr.T.Priyarthikadevi HOD/CSE


As per the guidelines, the IQAC members have met periodically during the academic year 2020-2021 to discuss about the various quality assurance strategies and regular academic activities of the institution. The main agenda during the meetings are as follows.


- Academic planning for odd and even semester
- Academic schedule for odd and even semester
- Stakeholder's feedback collection and analysis
- University Result analysis
- Value added courses
- Placement & Training program
- Students Admission
- Infrastructure Development
- Research publication and research grant
- Workshops /Seminar and FDPs
- NSS activities
- Certificates
- Sports activities( Awards / Medals)
- ARIIA RANKING



# Glimpse of the activities during academic year 2020-2021

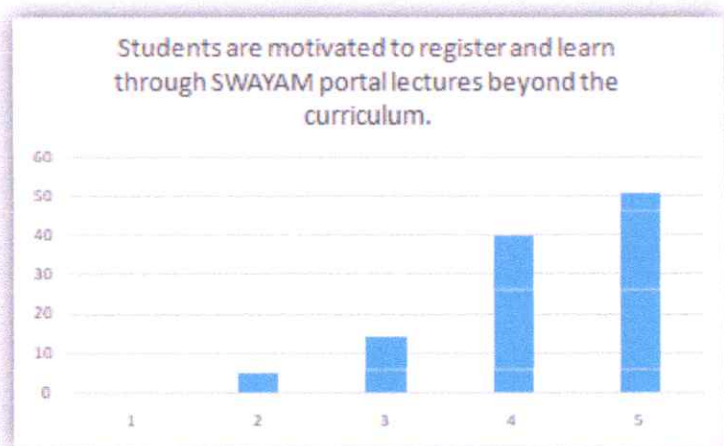
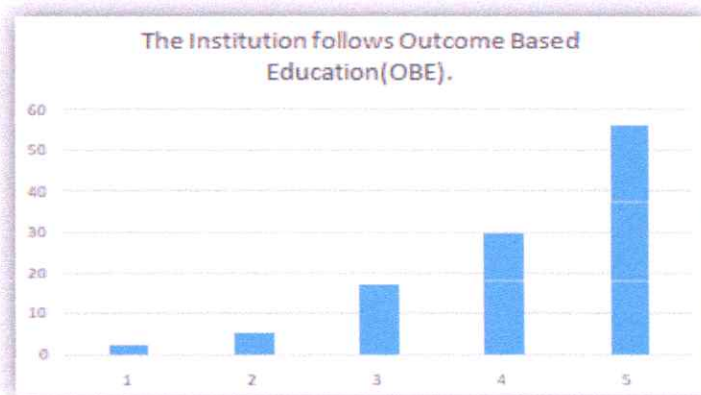
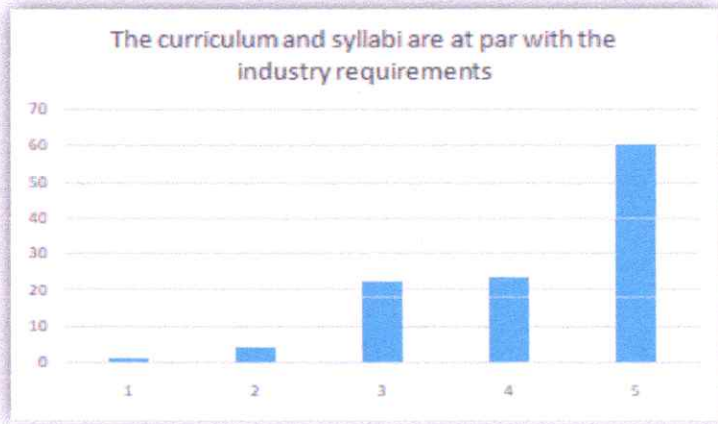
## Academic schedule for odd and even semester

 <b>Mailam Engineering College</b> Mailam, Villupuram (Dt.) Pin:604 304 <small>(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai &amp; Accredited by TATA Consultancy Services, Chennai)</small> <b>Academic Schedule for II, III &amp; IV Year B.E/B.Tech (Odd Sem : July 2020 - October 2020)</b>			
July / August 2020	August / September 2020	September / October 2020	October / 2020
<b>Odd Semester</b>	<b>Students' feed back - II</b> August 31, 2020 Reports of feed back to be submitted to the Principal	<b>Internal Assessment Test - III</b> September 19 to September 25, 2020	Submission of Mark List October 15, 2020
Online Class Commencement July 20, 2020	Last date for Question Papers Submission ( IAT 2) September 1, 2020		HOD & Staff Meeting Regarding IAT 4 October 16, 2020 Copy of minutes to be submitted to the Principal
<b>Students' feed back - I</b> August 11, 2020 Reports of feed back to be submitted to the Principal	<b>Internal Assessment Test - II</b> September 2 to September 8, 2020	Submission of Mark List September 26, 2020	<b>Students' feed back - V</b> October 22, 2020 Reports of feed back to be submitted to the Principal
Last date for Question Papers Submission (IAT 1) August 12, 2020		HOD & Staff Meeting Regarding IAT 3 September 28, 2020 Copy of minutes to be submitted to the Principal	Last date for Question Papers Submission (IAT 5) October 23, 2020
<b>Internal Assessment Test - I</b> August 13 to August 20, 2020	Submission of Mark List September 9, 2020	<b>Students' feed back - IV</b> October 6, 2020 Reports of feed back to be submitted to the Principal	<b>Internal Assessment Test - V</b> October 24 to October 31, 2020
	HOD & Staff Meeting Regarding IAT 2 September 10, 2020 Copy of minutes to be submitted to the Principal	Last date for Question Papers Submission (IAT 4) October 7, 2020	
Submission of Mark List August 21, 2020	<b>Students' feed back - III</b> September 17, 2020 Reports of feed back to be submitted to the Principal	<b>Internal Assessment Test - IV</b> October 8 to October 14, 2020	Submission of Mark List November 2, 2020
HOD & Staff Meeting Regarding IAT I August 24, 2020 Copy of minutes to be submitted to the Principal	Last date for Question Papers Submission (IAT 3) September 18, 2020		HOD & Staff Meeting Regarding IAT 5 November 2, 2020 Copy of minutes to be submitted to the Principal
<b>Number of Working Days: 28</b>	<b>Number of Working Days: 22</b>	<b>Number of Working Days : 21</b>	<b>Number of Working Days: 14</b>
<b>Total Number of Working Days :85</b>			

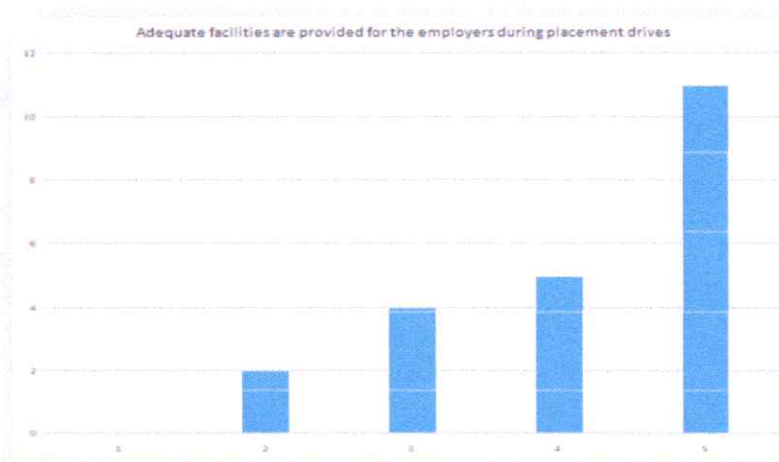
 <b>Mailam Engineering College</b> Mailam, Villupuram (Dt.) Pin:604 304 <small>(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai &amp; Accredited by TATA Consultancy Services, Chennai)</small> <b>Academic Schedule for II, III &amp; IV Year B.E/B.Tech (Even Sem : Feb 2021 - May 2021)</b>				
February / March	March / April	April / May	May	May / June
<b>Even Semester</b>	<b>Internal Assessment Test - II (IV Yr)</b> March 15 to March 16, 2021	<b>Model Examination (IV Yr)</b> April 3 to April 6, 2021	<b>III Students' feed back</b> May 3, 2021 Reports of feed back to be submitted to the Principal	Last Working Day May 21, 2021
	Submission of Mark List March 18, 2021	Submission of Mark List April 13, 2021		Submission of Mark List May 24, 2021
Class Work Commencement February 18, 2021	HOD & Staff Meeting Regarding IAT I March 18, 2021 Copy of minutes to be submitted to the Principal	HOD & Staff Meeting Regarding IAT II April 13, 2021 Copy of minutes to be submitted to the Principal	Submission of Mark List May 5, 2021	HOD & Staff Meeting Regarding Model Exam May 24, 2021 Copy of minutes to be submitted to the Principal
<b>Submission of members</b> Class Advisors & Class Committee members February 22, 2021	Dispatch of Progress Report March 18, 2021	Dispatch of Progress Report April 13, 2021	HOD & Staff Meeting Regarding IAT III May 5, 2021 Copy of minutes to be submitted to the Principal	Dispatch of Progress Report May 24, 2021
<b>Internal Assessment Test - I (IV Yr)</b> March 1 to March 2, 2021	<b>I Students' feed back</b> March 19, 2021 Reports of feed back to be submitted to the Principal	<b>II Students' feed back</b> April 13, 2021 Reports of feed back to be submitted to the Principal		
<b>I Course Committee meeting</b> March 3, 2021 Copy of minutes to be submitted to the Principal	<b>II Course Committee meeting</b> March 23, 2021 Copy of minutes to be submitted to the Principal	<b>III Course Committee meeting</b> April 23, 2021 Copy of minutes to be submitted to the Principal	Dispatch of Progress Report May 5, 2021	Anna University Practical May 24, 2021
<b>I Class Committee meeting</b> March 3, 2021 Copy of minutes to be submitted to the Principal	<b>II Class Committee meeting</b> March 23, 2021 Copy of minutes to be submitted to the Principal	<b>III Class Committee meeting</b> April 23, 2021 Copy of minutes to be submitted to the Principal	Completion of all the 5 units May 12, 2021	
Last date for Question Papers Submission March 8, 2021	Last date for Question Papers Submission April 1, 2021	Last date for Question Papers Submission April 23, 2021	Last date for Question Papers Submission May 12, 2021	Anna University Theory Exams June 2, 2021
<b>Internal Assessment Test - I (II &amp; III Yr)</b> March 10 to March 16, 2021	<b>Internal Assessment Test - II (II &amp; III Yr)</b> April 5 to April 10, 2021	<b>Internal Assessment Test - III (II &amp; III Yr)</b> April 26 to May 3, 2021	<b>Model Examination (II &amp; III Yr)</b> May 13 to May 21, 2021	
<b>Number of Working Days: 22</b>	<b>Number of Working Days: 20</b>	<b>Number of Working Days : 16</b>	<b>Number of Working Days: 14</b>	<b>Number of Working Days: NIL</b>
<b>Total Number of Working Days :72</b>				

## Stakeholder's feedback collection and analysis

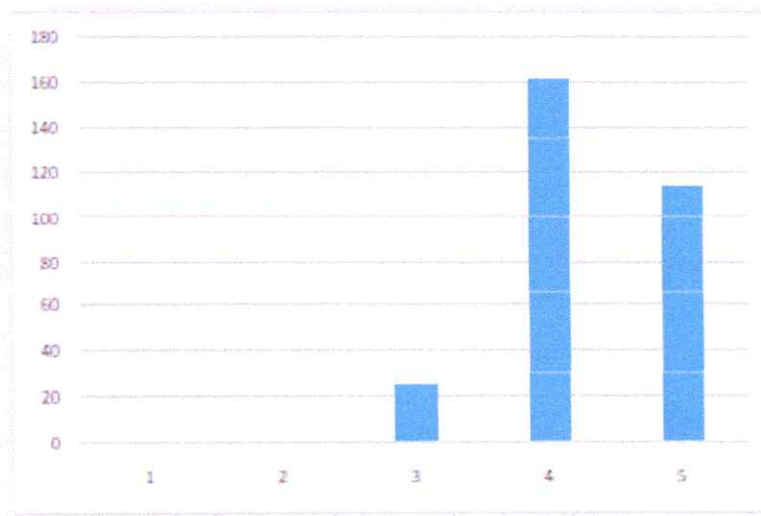
### Alumni Feedback Analysis Report



## Employer Feedback Analysis – Adequate Facilities are Provided for the employers during Placement Drives



## College Faculty Feedback Analysis - Space and Infrastructure facility provided are sufficient and good for better teaching learning process



### Feedback Reports:

- 5 – Excellent
- 4 – Very Good
- 3 – Good
- 2 – Fair
- 1 – Poor



## Student's performance in University exam April/May 2021

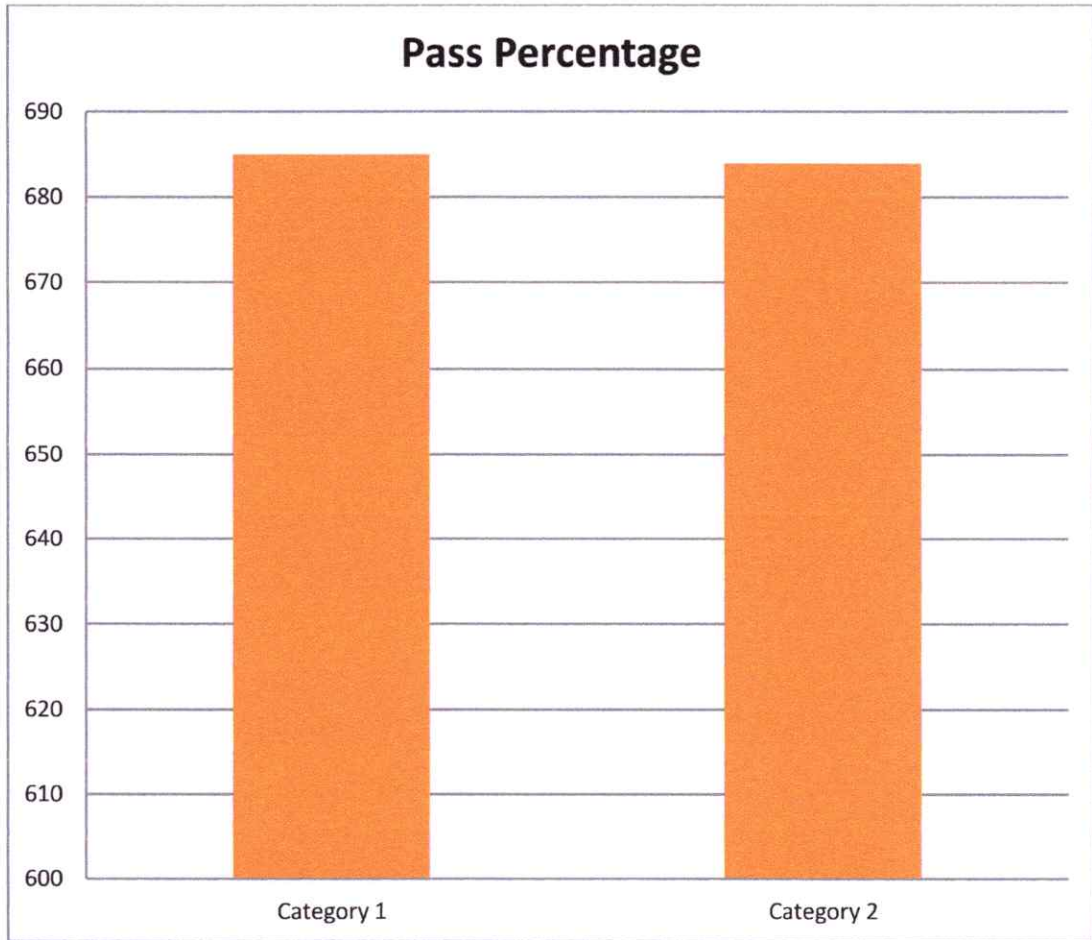
BRANCH CODE	DEGREE & BRANCH NAME	NUMBER OF STUDENTS APPEARED	NUMBER OF STUDENTS GRADUATED
<b>UNDERGRADUATE</b>			
114	B.E – MECHANICAL ENGINEERING	164	164
105	B.E – ELECTRICAL & ELECTRONICS ENGINEERING	82	82
106	B.E – ELECTRONICS & COMMUNICATION ENGINEERING	111	111
104	B.E – COMPUTER SCIENCE & ENGINEERING	113	113
103	B.E – CIVIL ENGINEERING	33	32
205	B.TECH – INFORMATION TECHNOLOGY	34	34
<b>POST GRADUATE</b>			
408	M.E – ENGINEERING DESIGN	2	2
415	M.E – POWER ELECTRONICS & DRIVES	1	1
403	M.E – COMMUNICATION SYSTEMS	1	1
405	M.E – COMPUTER SCIENCE & ENGINEERING	2	2
621	MASTER OF COMPUTER APPLICATIONS	32	32
631	MASTER OF BUSINESS ADMINISTRATION	110	110

### List of University Rank Holders (13 ranks) in 2020-2021

S. No	Department	No. of Ranks
1	CIVIL	-
2	CSE	-
3	MECH	1
4	EEE	-
5	IT	-
6	ECE	-
7	MBA	1
8	MCA	10
9	ME-PED	-
10	ME- CSE	1
11	ME-CS	-
12	ME- ED	-

**List of University Rank Holders with rank and CGPA**

S.NO	REG. NO.	NAME	DEPT	CGPA	RANK
1	421617114025	BASKARANA	B.E- MECH	9.13	16
2	421619405002	UMMAESALMAA	M.E-CSE	9.00	11
3	421619631003	ANBUKARTHIKEYANA	M.B.A	9.20	6
4	421618621303	ANTHONYMARIAROBERT D	M.C.A	9.38	7
5	421618621309	ILAMATHIJ	M.C.A	9.38	7
6	421618621311	KANIMOZHIS	M.C.A	9.38	7
7	421618621002	VIGNESHJ	M.C.A	9.34	9
8	421618621312	KEERTHANAANK	M.C.A	9.34	9
9	421618621321	SANDHIYAE	M.C.A	9.25	16
10	421618621328	VARALAKSHMIS	M.C.A	9.24	17
11	421618621308	GAYATHIRIG	M.C.A	9.17	21
12	421618621318	PRASHANTHM	M.C.A	9.17	21
13	421618621320	PUNITHAD	M.C.A	9.17	21



**Category 1 – Number of students appeared for exams – 685**

**Category 2 – Number of students passed in exams – 684**

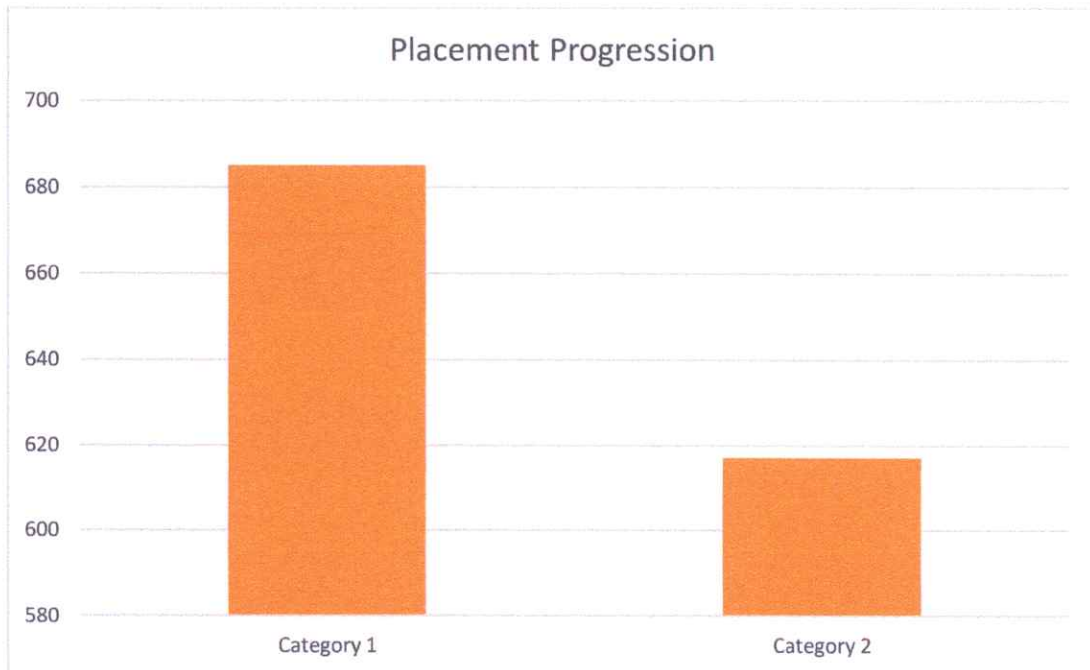
**Pass Percentage – 99.7%**

## Value added Programs

The following are the details of Value Added Courses / Add on Courses conducted in 2020-2021.

S.No	Name of Value Added programs offered	Number of Students completed the course
1	Total station surveying	18
2	Revit Architecture	18
3	Application of 3D Max Software in construction	33
4	IOT	112
5	PHP & MYSQL	101
6	Cloud Computing	108
7	Hardware Networking (CCNA)	111
8	Hands on Training with 30 sensors interfacing with Microcontroller for IoT application	56
9	AI based ROBOTIC training program	74
10	PCB Design	38
11	Electrical Autocad	56
12	MATLAB	80
13	.Net Programming	37
14	PHP Programming	35
15	Android Application Development	51
16	TALLY	186
17	Selenium	28
18	Android and its applications	32
19	NDT Level II	57
20	3D Printing	165
21	Mechanical APDL Program	52
22	CREO PARAMETRIC 4.0	80
23	Armour Application	285

## Placement & Training program



**Category 1 – Number of final year students – 685**

**Category 2 – Number of students placed – 617**

**Percentage – 90%**



## Capability and skill enhancement initiatives

<b>Name of the Capacity Development and skills enhancement program</b>	<b>Dates of implementation</b>	<b>Number of students enrolled</b>
ICT/Computing Skills:Basic Programming in C	23/11/2020 to 24/02/2021	291
ICT/Computing Skills:Aptitude Training	20/07/2020 to 14/10/2020	354
ICT/Computing Skills:Verbal Training	20/07/2020 to 14/10/2020	394
Soft Skills :Company Specific Training - I,Placement process (GD & interview)	20/07/2020 to 14/10/2020	537
Life skills (Yoga, physical fitness, health and hygiene)I year	23/11/2020 to 24/02/2021	291
Life skills (Yoga, physical fitness, health and hygiene)II,III & IV Year	20/07/2020 to 14/10/2020	1285
ICT/Computing Skills:Advanced Programming in C	31/03/2021 to 03/07/2021	291
Language & Communication Skills: Communication Skills Training	18/02/2021 to 21/05/2021	354
ICT/Computing Skills:Basics of Python Programming	18/02/2021 to 21/05/2021	394
Soft Skills :Company Specific Training - II,Placement process (GD & interview)	18/02/2021 to 21/05/2021	537
Life skills (Yoga, physical fitness, health and hygiene)I year	31/03/2021 to 03/07/2021	291
Life skills (Yoga, physical fitness, health and hygiene)II,III & IV Year	18/02/2021 to 21/05/2021	1285
<b>Name of the Activity conducted by the HEI to offer guidance for competitive examinations</b>	<b>Number of students enrolled</b>	
Opportunities for Electrical Engineers In abroad	216	
Career Opportunities IT/ITES	298	
Career Opportunities in Banking and Hotel Industry	168	
How to effectively crack GRE	293	

## Students Admission

The following are the details of students admitted in the academic year 2020-2021 through Counseling and Management category.

### PERCENTAGE OF STUDENTS ADMITTED

S. No.	Course	Total Intake	Total Admitted	Percentage Admitted
1	UG	1020	291	28.53%
2	PG	264	133	50.38%
3	Lateral	204	29	14.22%
4	TOTAL	1488	453	30.44%

### ADMISSION IN UG COURSES

	CIVIL	CSE	MECH	EEE	IT	ECE
FIRST YEAR	5	139	26	22	47	52
LATERAL	NIL	1	13	1	3	NIL

### ADMISSION IN PG COURSES

	MBA	MCA	ME-PED	ME-CSE	ME-CS	ME-ED
FIRST YEAR	74	28	3	6	2	3
LATERAL	17 <sup>#</sup>	NA	NA	NA	NA	NA

\* NA- Not Applicable

# Students transferred from other college.

## Research & Development Activities

To review the R & D activities of the college, Application Oriented projects of the students in campus and to invite suggestions from the IQAC members for improvement.

The details are submitted below,

- First year ECE Department students have developed a project called “**SmartPulse Oximeter to identify COVID cases from distance**” which won “**first prize**” in Medical Equipment Competition Conducted by Anna University.

### Journal Publications

Various research papers have been published in well reputed journals like SCOPUS, WOS and UGC. The details are furnished below,

Title of Paper	Name of the author/s	Name of Journal	Year of Publication	ISSN Number
Augmentation of dissimilar techniques for enhancing the concrete properties with recycled coarse aggregate and manufactured sand	Mr.Vengadesh Marshall Raman, V.Ramasamy	Journal of material research and technology	2021	2238-7854
A Qos-Aware, Hybrid Particle Swarm Optimization-Cuckoo Search Clustering Based Multipath Routing in Wireless Sensor Networks	C.Mohanadevi S.Selvakumar	Wireless Personal Communications, springer	21-Aug	ISSN 0929-6212
Smart Wheelchair/Vehicle for physically challenged people with reverse gear operation	M. Selvaganapathy, N.Nishavithri	International Journal of Advanced Research	21-Aug	ISSN: 2320 – 5407
An Efficient Performance Analysis using Collaborative Recommendation system on Big Data	V.DEEPAK, M. Rajesh Khanna, K. Dhanasekaran, P. G. Om Prakash, D. VijendraBabu,	IEEE proceeding	2021	
Concealment of data with MSB using Modified secure hash Algorithm	P. Srividhya, K.Dhanasekaran	International Journal of Engineering Research & Technology	2021	ISSN 2278-0181
A Techno-Economic Feasibility	Krishnamoorthy,	Marine Technology	Oct-21	0025-3324

Analysis of Renewable Energy-Based Marine Micro-Grid for Cruise Ship Applications: A Case Study Simulation	Murugaperumal; Packirisamy, Satheeshkumar;	Society Journal		
Non-Destructive Classification Of Fruits Based On Color By Using Machine Learning Techniques	Dr.KedriJanardhana, Dr.V. Elizabeth Jesi, M.Vijayaragavan	International Journal of Modern Agriculture	Feb-21	2305-7246
Amalgamated Approach for Identification of Bone Tumor by Using Magnetic Resonance Imaging	Dr. KedriJanardhana, Dr. Brahmadesam, Mr. M. Vijayaragavan,	Annals of the Romanian Society for Cell Biology	May-21	1583-6258
Fast and safe Mobility of Patients through Smart Vehicle Communication System	Dr.R.Mariappan	Singaporean Journal of Scientific Research(SJSR)	Dec-21	ISSN: 1205-2421
Present developments and the reach of alternative fuel: A review	K.Chandrasekar	Elsevier	2021	2214-7853
Surface Ignition using ethanol on Mo and Al <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> coated in CI engine for environmental benefits	Mr.R.Soundararaj	Advances in Environmental Technology 1 (2021) 19-27	2021	2476-6674
Wear and Morphological Analysis on Basalt/Sisal Hybrid Fiber Reinforced Poly lactic acid Composites	Dr. P. Govindan	SAGE publishing	2021	1464-4207
Exhaust Gas Recirculation on a Nano-Coated Combustion Chamber of a Diesel Engine Fueled with Waste Plastic Oil	Dr.P.Saravanan	MDPI Sustainability	2021	2071-1050
Effect of Ceramic coating on the performance, Emission and combustion characteristics of ethanol in Diesel engine.	Dr.P.Saravanan	Elsevier Material Today	2021	1369-7021
Performance and emission characteristics evaluation of CRDI engine using alternate fuel	Mr.K.Udhayakumar	Elsevier Material Today	2021	2214-7853
Non-Destructive Classification of Fruits by Using Machine Learning Techniques	S.Prasanna, S.Vanakovaryan , S.Thulasidass , Mathavan V	IEEE Access	Sep-21	ISSN: 2329-7190
Automatic Speech Recognition System Based on Hybrid Deep Neural Networks	Prasanna. S , Thulasidass. S , Mathavan. V ,	IEEE Access	Sep-21	ISSN: 2329-7190

	Vanakovarayan. S			
Agriculture Improvement Using Iot	E. Lavanya , E. Indra , T. Priyarthikadevi	IEEE Access	Sep-21	ISSN: 2329- 7190
Health Care Devices for Diabetic Patient Monitoring Using IOT	V. Mathavan ,R. Venkatesan, A. N. Sanjeev Kumar , S. Thulasidass	IEEE Access	Sep-21	ISSN: 2329- 7190
Cloud Computing Based Biometric Identification Scheme FOR Preserving Privacy	Priyarthikadevi. T, sankar.M,prasanna.S	IJMA(Web of Science)	Feb-21	ISSN 0038- 111X
An Efficient Computer Aided Diagonosis Model for Citrus Disease Detection	E.Indra,P.R.Jayanthi, M Vengadapathiraj	Annals of Romanian Cell Biology	Jan-21	ISSN 1583- 6258
An Efficient Visual Based Question Answering System Using Machine Learning	D.Saranya,M. Ramalingam,AG.Noor ul Julaiha	Annals of Romanian Cell Biology	Mar-21	ISSN 1583- 6258

## Workshops organized in 2020-2021

Name of the workshop	Dates of Implementation	Number of Participants Enrolled
Research Methodology in Engineering Mechanics	21.04.2021	74
Exploring Emerging Technologies through Research methodologies in the future	01.04.2021 to 03.04.2021	89
Research Methodology in Internet of Things using Arduino	29.03.2021 to 31.03.2021	100
A 3 – Day Workshop on Research Methodology in Autocad-Design & Drafting Technology	22.03.2021 to 24.03.2021	80
Research on Wireless Communication Design Using NI SDR Platform”	05.03.2021 TO 07.03.2021	129
Research Methodology in Optimization Techniques for Engineers	24.02.2021 to 26.02.2021	135
Research Trends in Android Development	04.01.2021 to 09.01.2021	60



## Seminars Organized in 2020 – 2021

Name of the Seminar	Number of Participants Enrolled	Dates of Implementation
Online Technical Seminar on Research Trends in IoT	28	12.10.2021
Seminar on "Advancements in Block Chain Technology: Insights from Research and Innovations"	87	30.07.2021
Seminar on Career Guidance for Successful Entrepreneurial	88	27.05.2021
Seminar - Research Methodology in Javascript	92	16.04.2021
Seminar on the power of Research Methods in Designing User Interface	89	12.04.2021
seminar on Entrepreneurship Development for drone technology	45	20.03.2021
Research Trends in IOT Application And Smart Grid	102	17.03.2021
seminar on Research Methodology for in self compaction concrete for sustainable solution	40	09.03.2021
Seminar on From ideas to impact: Research Methodologies for Future Innovations	54	06.03.2021
"Entrepreneur in Fabrication and Design of MEMS based Sensors and Actuators"	129	04.03.2021
Seminar on Nurturing Entrepreneurship for Young minds	130	27.02.2021
Out of The Box- Entrepreneurship Development Programme	145	22.02.2021
Seminar on Patent for Innovation of future youth minds in Radio frequency	130	20.02.2021
seminar on Entrepreneurship Development for Awareness on Civil Engineering	45	30.01.2021
Business Plan Preparation - Entrepreneurship Development Programme	145	27.11.2020
Entrepreneurship Awareness Programme	484	21.10.2020
My Idea Programme - Entrepreneurship Development Programme	145	12.09.2020

## Faculty Development Programs and other Orientation Programs

<b>Title of the FDP's / orientation Programs Organized</b>	<b>Dates of implementation</b>	<b>Number of Participants Enrolled</b>
Behavior of Structural Systems building the Gap Between Theory & Real Time Practice	13.07.2020 - 17.07.2020	21
Deep Learning Applications	13.07.2020 – 17.07.2020	20
High Voltage Engineering	21.09.2020 – 26.09.2020	27
Big Data Processing	12.10.2020 – 17.10.2020	10
Heat and Mass Transfer	07.04.2021 – 12.04.2021	61
Machine Learning and its Applications	26.04.2021 – 30.04.2021	26
Embedded System	10.05.2021 – 15.05.2021	32
Emerging Trends in Information Technology	24.05.2021 – 29.05.2021	44
FDP on SPSS	24.05.2021 – 28.05.2021	14
Digital Marketing	24.05.2021 – 28.05.2021	56

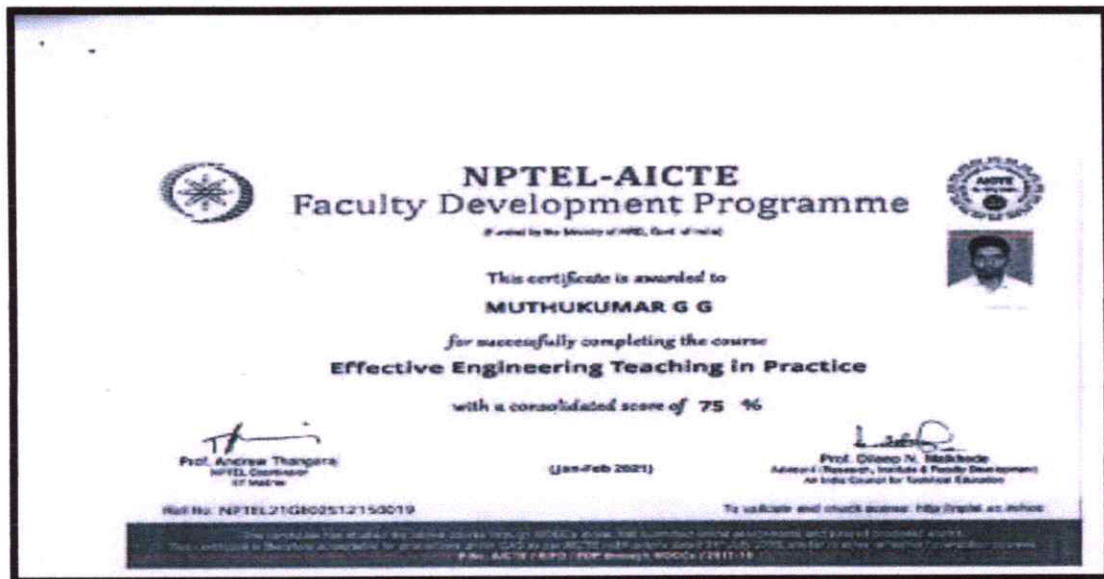
**Administrative Training program (ATP) for the non-teaching staff members on “Self Management and Life Style Change” was conducted on 06.07.2020. 26 staff members were benefitted by this ATP.**

**Administrative Training program (ATP) for the non-teaching staff members on “Installation of Various OS and Software’s” was conducted on 25.01.2021. 14 staff members were benefitted by this ATP.**

## Conferences/Books

- **75 research papers** has been published in well reputed journals like WOS, Scopus, etc.,
- **34 Publications** of conferences/Books have done in this academic year
- The following are the list of books published
  - Information Technology Essentials
  - Mechanics of Solids
  - Power plant Engineering
  - Renewable Energy sources
  - Renewable sources of energy
  - Metrology and Measurements
  - Composite Materials
  - Entrepreneurship Development
  - Engineering Economics and Cost Analysis
  - Finite Element Analysis
  - Unconventional Machining Process
  - Power plant Engineering
  - Strength of Materials for Mechanical Engineers
  - Heat and Mass Transfer
  - Gas Dynamics and jet propulsion, and
  - Applied Thermo dynamics

## FDPs attended by faculties in other/outside Colleges



## NSS special camps, extension and outreach activities

Name of the activity	Organizing unit/ agency	Date	Place
Swachh Bharat Abhiyan	NSS	07.07.2021	Pathirapuliyur
Swachh Bharat Abhiyan	NSS	12.05.2021	Ranganathapuram
Temple cleaning	NSS	05.05.2021	Thenkolappakkam
School Environment Maintenance	NSS	01.04.2021	Nedi-Mozhiyanoor
Sanitizing the Village	NSS	06.03.2021	Mozhiyanoor
Corona virus Prevention Awareness	NSS	03.03.2021	Mozhiyanoor
Pandemic awareness	NSS	01.03.2021	Nedi
Tree Plantation Drive	NSS	03.01.2021	Nedi
Yoga Awareness Campaign	NSS	29.10.2020	Kanniyam

## Sports Awards / Medals Won

S. No	Event Name	Level (Zonal/ Inter -zonal/ University)	Winner/ Runner/ Participation
<b>GAMES</b> ( WON OVERALL ZONAL CHAMPIONSHIP IN 2020-2021)			
1	VOLLEYBALL-MEN	ZONE	RUNNER
2	CRICKET -MEN	ZONE	WINNER
3	BASKETBALL-MEN	ZONE	PARTICIPATED
4	BADMINTON-WOMEN	ZONE	WINNER
5	HOCKEY- MEN	ZONE	WINNER
6	KHO KHO- MEN	ZONE	THIRD
7	KABADDI - MEN	ZONE	RUNNER



# ARIIA RANKING



**ARIIA**  
ATAL RANKING OF INSTITUTIONS  
ON INNOVATION ACHIEVEMENTS

## ARIIA RANKING 2021



**MAILAM**  
ENGINEERING COLLEGE  
MAILAM

*We are proud and delighted that  
Our Institution is Ranked in*

**BAND - PERFORMER**

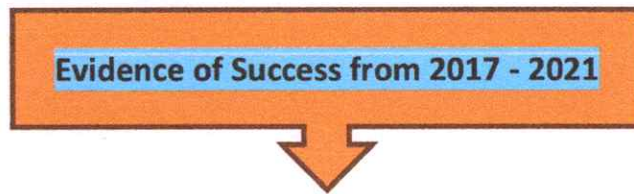
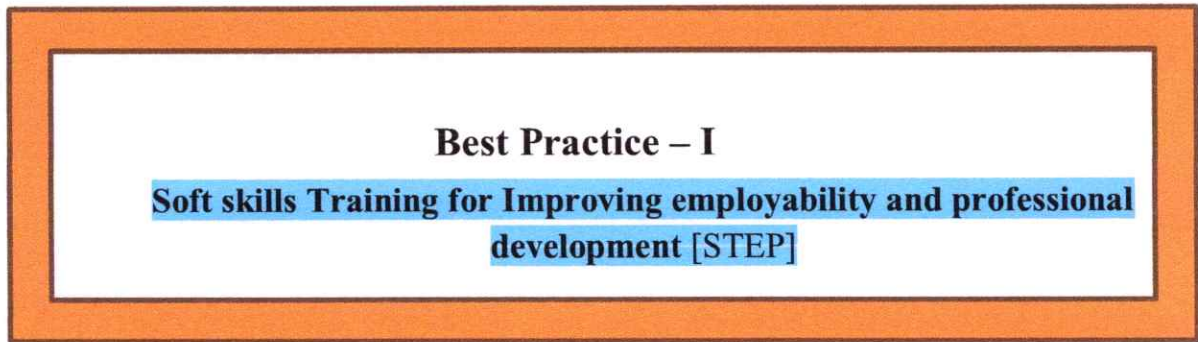
Category for its innovation and achievements

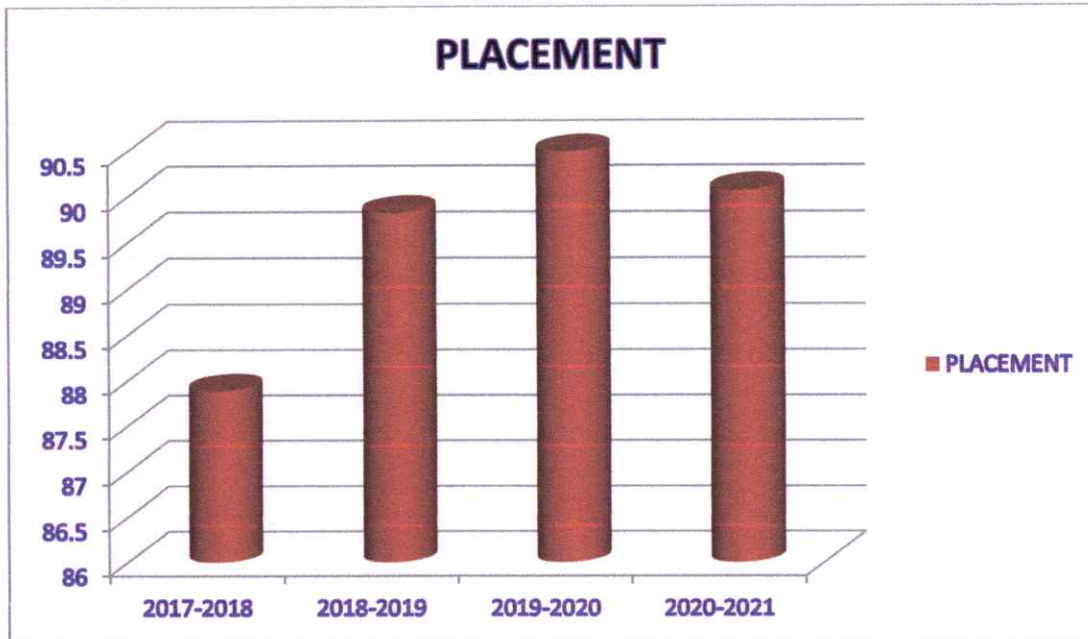
WE THANK OUR MANAGEMENT, PRINCIPAL, DEAN, HODS,  
FACULTY MEMBERS AND STUDENTS FOR THEIR KIND  
SUPPORT AND ENCOURAGEMENT FOR THIS GREAT ACHIEVEMENT

# Certificates for Extension Activities



Best practices





S.NO	YEAR	PLACEMENT PERCENTAGE
1	2017-2018	87.89 %
2	2018-2019	89.83 %
3	2019-2020	90.56 %
4	2020-2021	90.07 %



## Best Practice - II

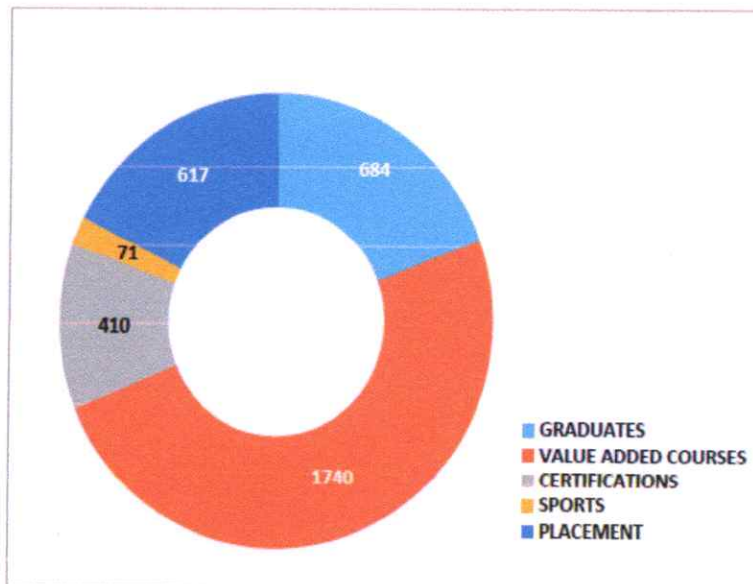
### Mentor-Mentee system to enrich performance of students

The primary objectives of Students mentor-mentee system are,

- To guide and motivate students in the right path of Success
- To support and counsel students to realize their potential
- Encourage students to participate in co-curricular and extra-curricular activities.

**ACADEMIC YEAR 2020- 2021**

**OVERALL PERFORMANCE**



## Institution Distinctiveness

The Motto Of Institution is to “Promote Honesty And Integrity Among Students”

## Celebration of Commemorative Days

S. No.	Program Name
1	Independence Day
2	World Engineer’s Day
3	Saraswathi Pooja
4	Voter’s Day
5	World Earth Day
6	Women’s Day



Dr. T. Priyadarshini

**IQAC Coordinator**