CRITERION II **OUTCOME**

Key Indicator - 2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organizes special Programmes to cater to differential learning needs of the student

Outcome

Students have demonstrated remarkable achievements across a diverse array of disciplines, garnering recognition from esteemed institutions. Empowering slow learners with essential support and resources has enabled them to raise their academic performance. Providing Advanced learners with enrichment activities, publishing articles, frequently visiting the library and mentorship programs greatly contributed to their intellectual and personal development.

1. University Ranks - Students achieved university ranks through the synergistic influence of staff motivation and their innate interest.

UNIVERSITY RANKS AND RESULTS

Total Ranks Secured from the Year (2019-2024)

YEAR	UG			PG			Total No. of Ranks
	First Ranks	Other Ranks	Total	First Ranks	Other Ranks	Total	
2019	2	60	62	-	27	27	89
2020	1	37	38	4	43	47	85
2021	1	59	60	1	9	10	70
2022	-	15	15	1	11	12	27
2023	3	11	14	1	8	09	23

CRITERION II **OUTCOME**

2. Results - Through dedicated training and monitoring, slow learners were empowered to excel in their exams, demonstrating remarkable progress and achievements leading to good Pass Percentage.

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS), TRICHY - 18
END SEMESTER EXAMINATION – APRIL 2023
RESULT ANALYSIS
III UG

S.NO	DEPARTMENT	SEM	NUMBER REGISTERED	NUMBER APPEARED	NUMBER OF PASS	PASS PERCENTAGE
1	TAMIL	VI	33	33	33	100
2	ENGLISH	VI	108	108	108	100
3	BSW	VI	35	35	35	100
4	BBA	VI	82	82	82	100
5	B.COM	VI	240	240	240	100
6	B.COM (CA)	VI	65	65	65	100
7	MATHEMATICS	VI	79	79	79	100
8	PHYSICS	VI	42	42	42	100
9	CHEMISTRY	VI	50	50	50	100
10	MICROBIOLOGY	VI	72	72	72	100
11	BIOTECHNOLOGY	VI	70	70	70	100
12	COMPUTER SCIENCE	VI	143	143	143	100
13	COMPUTER APPLICATIONS	VI	116	116	115	99.14
14	INFORMATION TECHNOLOGY	VI	39	39	39	100
15	NUTRITION & DIETETICS	VI	37	37	37	100

CRITERION II **OUTCOME**

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS), TRICHY -18
END SEMESTER EXAMINATION RESULTS – APRIL 2023
RESULT ANALYSIS
II PG

S.NO	DEPARTMENT	SEM	NUMBER REGISTERED	NUMBER APPEARED	NUMBER OF PASS	PASS PERCENTAGE
1	TAMIL	IV	9	9	9	100
2	ENGLISH	IV	34	34	34	100
3	MSW	IV	16	16	16	100
4	COMMERCE	IV	15	15	15	100
5	MATHEMATICS	IV	42	42	42	100
6	PHYSICS	IV	29	29	29	100
7	CHEMISTRY	IV	23	23	23	100
8	MICROBIOLOGY	IV	19	19	19	100
9	COMPUTER SCIENCE	IV	34	34	34	100
10	FSM & D	IV	24	24	24	100

CRITERION II **OUTCOME**

3. Entrepreneurship - EDC, in collaboration with IIC, provided advanced learners with specialized training to enrich their learning journey and nurture their growth. Ms. Anukarthika and Ms. V. Devi showcased their exceptional talents and innovative thinking by securing the third best idea in a nationwide hackathon organized by EDII Ahmedabad, through the platform of Innovation and Incubation Centre (IIC).

NATION WIDE HACKATHON ORGANIZED BY EDII AHMEDABAD

NATION WIDE HACKATHON ORGANIZED BY EDII AHMEDABAD

CRITERION II **OUTCOME**

NOMINATED AS INNOVATORS IN IDE BOOT CAMP AT NITTR CAMPUS, CHENNAI

PARTICIPATED AS INNOVATORS IN MILLET AWARENESS COMPETITION ORGANIZED BY CENTRAL LIBRARY, TRICHY

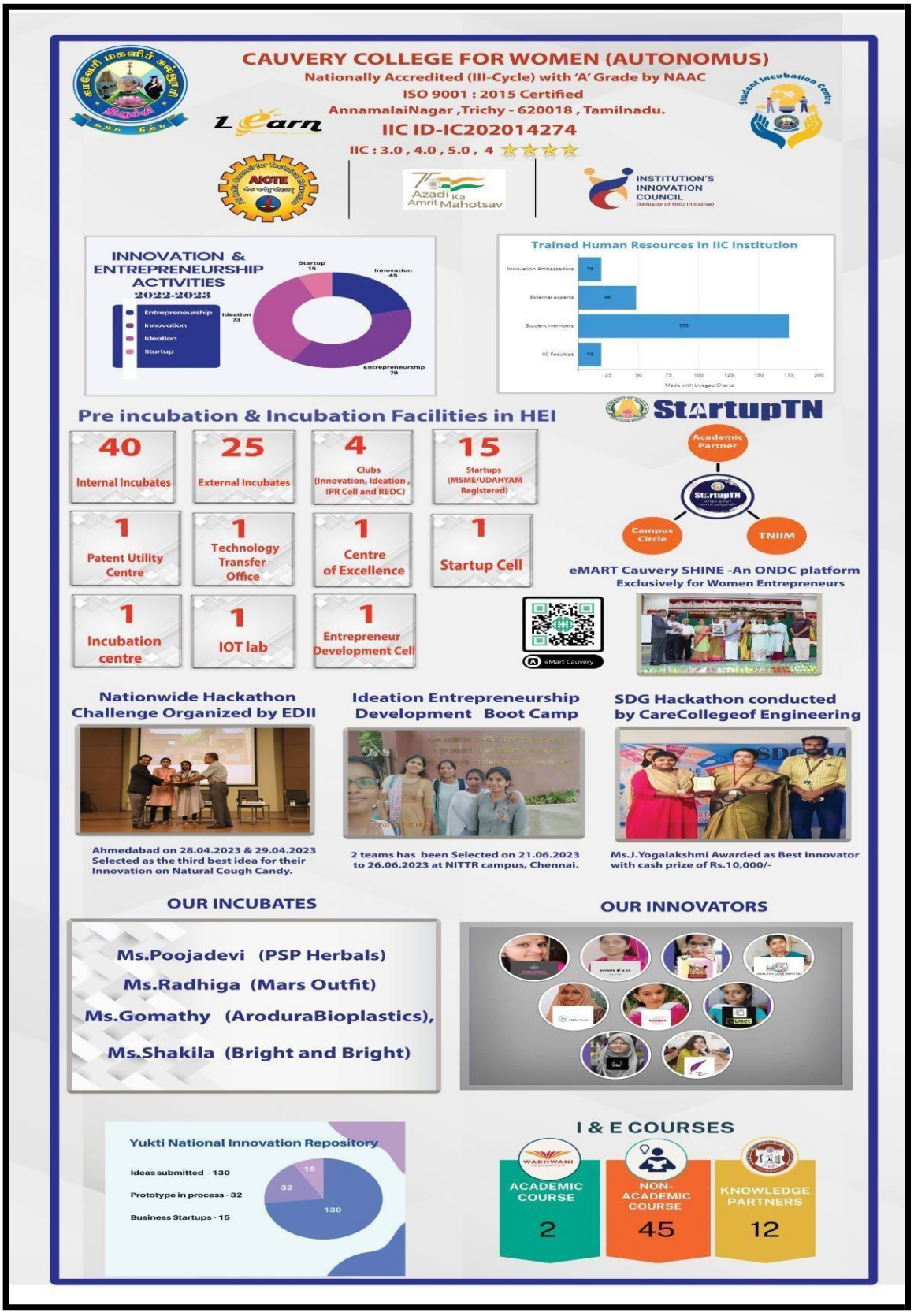
CRITERION II **OUTCOME**

ENTREPRENEURSHIP CONCLAVE AT BITS PILANI

The institution serves as a cornerstone for the Entrepreneurship Development Cell (EDC) facilitated by the Innovation and Incubation Center (IIC), empowering students to engage in **'Earn While You Learn'** initiatives and fostering startup ventures.

CRITERION II **OUTCOME**

EDC THROUGH IIC -START UP



CRITERION II **OUTCOME**

STARTUPS-2020

CRITERION II **OUTCOME**

INNOVATORS AT EXPORT/IMPORT STALL ORGANIZED BY TRICHY INDUSTRIAL ASSOCIATION

ABINAYA HAS ACTIVELY PARTICIPATED IN STARTUP GK COMPETITION

CRITERION II **OUTCOME**

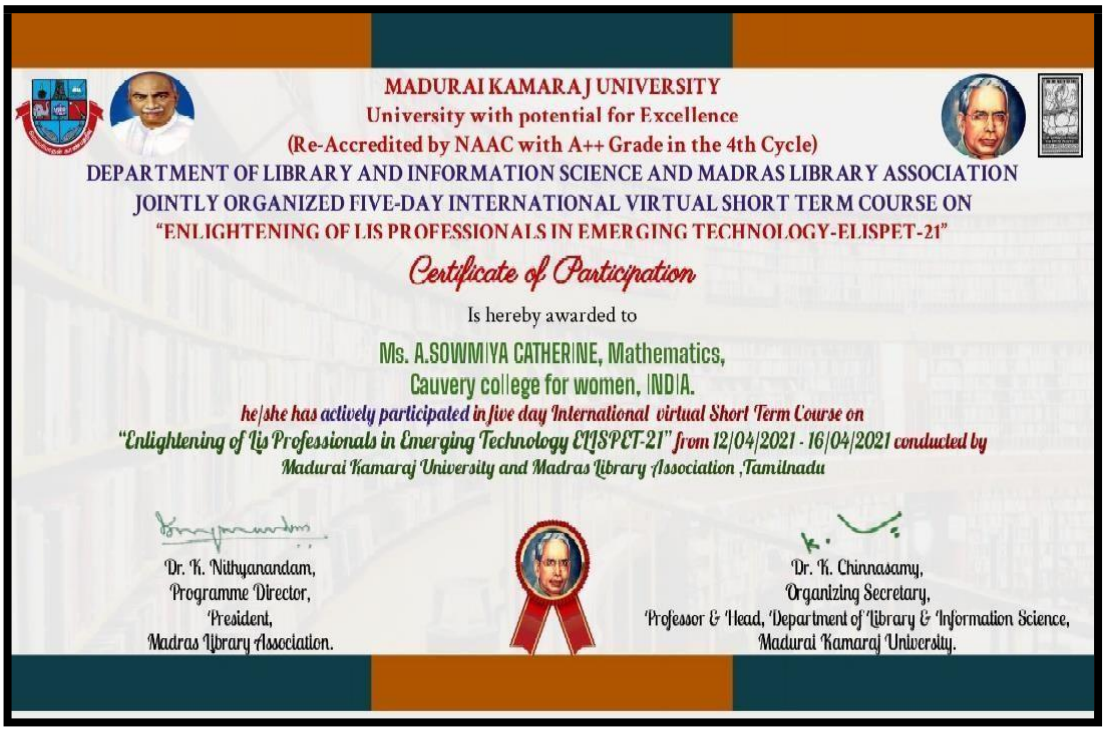
ANBUSANTHINI EXCELLED IN THE ONLINE QUIZ ON OP-AMP ORGANIZED BY PUNE

ANITHA SURPASSED IN ONLINE COURSE ON R PROGRAMMING LANGUAGE

CRITERION II **OUTCOME**

STUDENTS HAVE CRAFTED A BOUQUET OF NUTS TO THE VICE CHANCELLOR OF ANNA UNIVERSITY

SOWMIYA CATHERINE HAS ACTIVELY PARTICIPATED IN SHORT TERM COURSE ON ENLIGHTENING OF LIS PROFESSIONALS



MADURAI KAMARAJ UNIVERSITY
University with potential for Excellence
(Re-Accredited by NAAC with A++ Grade in the 4th Cycle)
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE AND MADRAS LIBRARY ASSOCIATION
JOINTLY ORGANIZED FIVE-DAY INTERNATIONAL VIRTUAL SHORT TERM COURSE ON
"ENLIGHTENING OF LIS PROFESSIONALS IN EMERGING TECHNOLOGY-ELISPET-21"

Certificate of Participation

Is hereby awarded to

Ms. A.SOWMIYA CATHERINE, Mathematics,
Cauvery college for women, INDIA.

he/she has actively participated in five day International virtual Short Term Course on "Enlightening of Lis Professionals in Emerging Technology ELISPET-21" from 12/04/2021 - 16/04/2021 conducted by Madurai Kamaraj University and Madras Library Association ,Tamilnadu

Dr. K. Nithyanandam,
Programme Director,
President,
Madras library Association.

Dr. K. Chinnasamy,
Organizing Secretary,
Professor & Head, Department of Library & Information Science,
Madurai Kamaraj University.

CRITERION II **OUTCOME**

SHAMEENA YASMIN EXCELLED IN MACHINE LEARNING MASTER CLASS

CERTIFICATE NO : PS-MLMC-APR-1639

PANTECHSOLUTIONS
Technology Beyond the Dreams

CERTIFICATE
OF PARTICIPATION

NAME : Ms.A SHAMEENA YASMIN

COLLEGE : CAUVERY COLLEGE FOR WOMEN

has Successfully Completed
MACHINE LEARNING MASTER CLASS(5 DAYS)

at Pantech Prolabs India Pvt Ltd

From : 19 APRIL ,2021 to : 23 APRIL,2021

M.MALAIYAPPAN
DIRECTOR
PANTECHSOLUTIONS

APPRECIATION AWARD FOR MS. RYLA 2022 FROM ROTARY CLUB OF TIRUCHIRAPPALLI MID TOWN

CRITERION II **OUTCOME**

SUSTAINABILITY HACKATHON CHALLENGE

Regd. No.: AHD2023044632

Azadi Ka Amrit Mahotsav

Entrepreneurship Development Institute of India
Ahmedabad

Certificate of Achievement

Presented to

Anu Karthika M

from

Cauvery College for Women

for being recognized as best entry to
'Sustainability Hackathon Challenge' 2023
for ideation on sustainability based startups.

Satya Ranjan Acharya
Director, Dept. of Entrepreneurship Education

Prashant Saxena
Hackathon Convenor

Sunil Shukla
Director General

Regd. No.: AHD2023044633

Azadi Ka Amrit Mahotsav

Entrepreneurship Development Institute of India
Ahmedabad

Certificate of Achievement

Presented to

V. Devi

from

Cauvery College for Women

for being recognized as best entry to
'Sustainability Hackathon Challenge' 2023
for ideation on sustainability based startups.

Satya Ranjan Acharya
Director, Dept. of Entrepreneurship Education

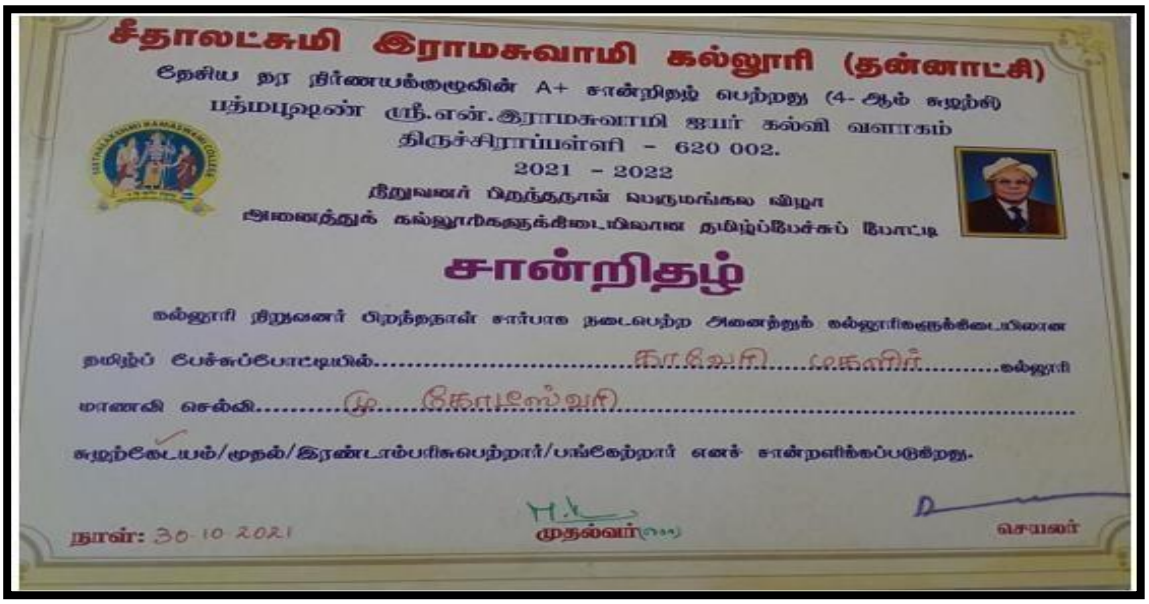
Prashant Saxena
Hackathon Convenor

Sunil Shukla
Director General

CRITERION II **OUTCOME**

4. PRIZES IN COMPETITIONS

KOTESSWARI WON IN TAMIL ELOCUTION AT SRC, TRICHY



சீதாலட்சுமி இராமசுவாமி கல்லூரி (தன்னாட்சி)

தேசிய தர நிர்ணயக்குழுவின் A+ சான்றிதழ் பெற்றது (4-ஆம் சுழற்சி)

பத்மபூஷண் ஸ்ரீ.என்.இராமசுவாமி ஐயர் கல்வி வளாகம்

திருச்சிராப்பள்ளி - 620 002.

2021 - 2022

நிறுவனர் பிறந்தநாள் பொன்மங்கல விழா

அனைத்துக் கல்லூரிகளுக்கிடையிலான தமிழ்ப்பேச்சுப் போட்டி

சான்றிதழ்

கல்லூரி நிறுவனர் பிறந்தநாள் சார்பாக நடைபெற்ற அனைத்துக் கல்லூரிகளுக்கிடையிலான தமிழ்ப் பேச்சுப்போட்டியில் காவேரி மகளிர் கல்லூரி மாணவி செல்வி. கு. கோதேஸ்வரி சுழற்கேடயம்/முதல்/இரண்டாம்பரிசுபெற்றார்/பங்கேற்றார் எனச் சான்றளிக்கப்படுகிறது.

நாள்: 30.10.2021 முதல்வர் செயலர்

KOTESSWARI WON THE SECOND PRIZE IN SPEECH COMPETITION IN TAMIL ORGANIZED BY INDIAN MEDICAL ASSOCIATION

இந்திய மருத்துவ மன்றம்

திருச்சிராப்பள்ளிக் கிளை

50 YEARS

இந்திய மருத்துவ மன்றத் திருச்சிராப்பள்ளிக் கிளையின் 2023-ம் ஆண்டுப் பொங்கல்விழாத் தமிழ்ச் சொல்லாற்றல் போட்டியில் பங்கேற்று இரண்டாம் பரிசு பெற்ற திரு / செல்வி கு. கோதேஸ்வரி காவேரி மகளிர் கல்லூரி அவர்களின் திறமையைப் பாராட்டி இந்நற்சான்றிதழை வழங்குகின்றோம்

மரு. சித்ரா திருவள்ளுவன் தலைவர்

மரு. க.முகேஷ்மோகன் செயலர்

மரு. கோ. சுரேந்திர பாபு துணைத்தலைவர்

மரு. மு. தமிழ்ச்செல்வி நிதிச்செயலர்

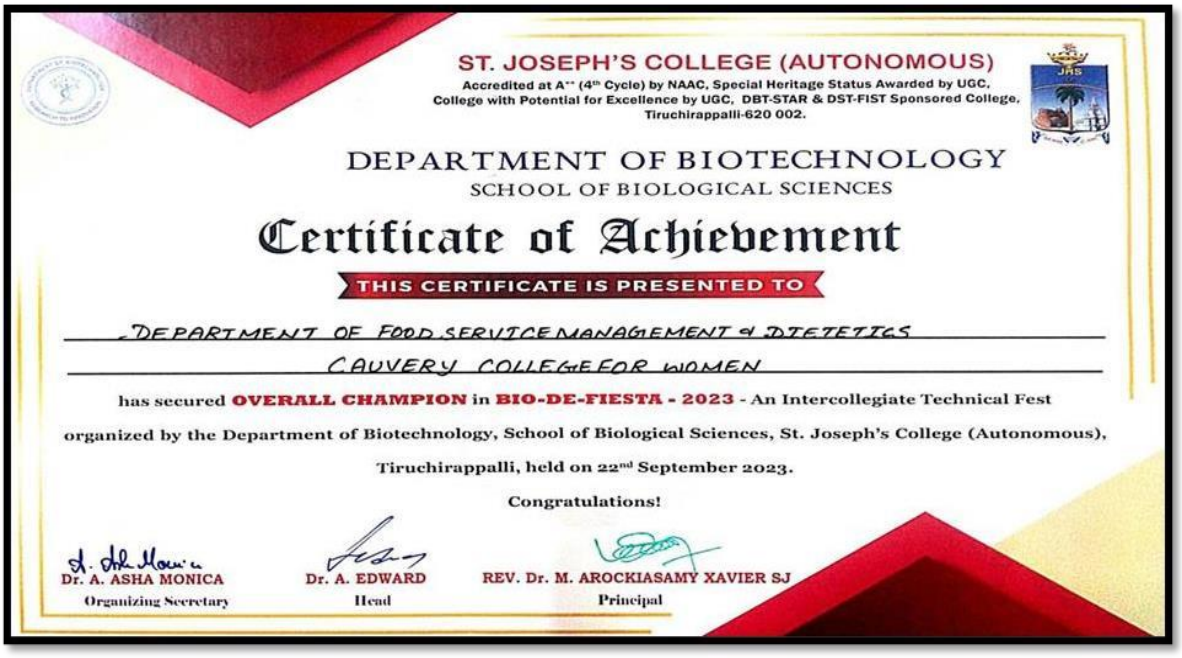
மரு. இரா.கலைக்கோவன் மதிப்புறு தமிழ்ப் புலவர்

மரு. க.ஸ்ரீதரன் கலையரசி செயலர்

CRITERION II **OUTCOME**

BEST ORAL PRESENTATION ON "EMERGING TRENDS IN MANAGEMENT, EDUCATION, ENGINEERING, SCIENCE AND TECHNOLOGY AT INDRA GANESAN COLLEGE OF ENGINEERING, TRICHY

OVERALL CHAMPION IN "BIO-DE-FIESTA 2023" AN INTERCOLLEGIATE ORGANIZED BY THE DEPARTMENT OF BIOTECHNOLOGY, ST. JOSEPH'S COLLEGE (AUTONOMOUS)



ST. JOSEPH'S COLLEGE (AUTONOMOUS)
Accredited at A++ (4th Cycle) by NAAC, Special Heritage Status Awarded by UGC, College with Potential for Excellence by UGC, DBT-STAR & DST-FIST Sponsored College, Tiruchirappalli-620 002.

DEPARTMENT OF BIOTECHNOLOGY
SCHOOL OF BIOLOGICAL SCIENCES

Certificate of Achievement

THIS CERTIFICATE IS PRESENTED TO

DEPARTMENT OF FOOD SERVICE MANAGEMENT & DIETETICS
CAUVERY COLLEGE FOR WOMEN

has secured **OVERALL CHAMPION** in **BIO-DE-FIESTA - 2023** - An Intercollegiate Technical Fest organized by the Department of Biotechnology, School of Biological Sciences, St. Joseph's College (Autonomous), Tiruchirappalli, held on 22nd September 2023.

Congratulations!

Dr. A. ASHA MONICA, Organizing Secretary
Dr. A. EDWARD, Head
REV. Dr. M. AROCKIASAMY XAVIER SJ, Principal

CRITERION II **OUTCOME**

WINNER IN MILLET FOOD FESTIVAL

CRITERION II **OUTCOME**

M. MARWA FATHIMA & K.NIKITHA OF FOOD SERVICE MANAGEMENT&DIETETICS HAS SECURED THIRD PLACE WITH CASH AWARD OF RS.10,000, IN A NATIONAL LEVEL DEBATE ORGANIZED BY THE DEPARTMENT OF COMMERCE, ST. JOSEPH'S COLLEGE (AUTONOMOUS),TRICHY

CRITERION II **OUTCOME**

A.APARNA OF BUSINESS ADMINISTATION RECEIVED THE BEST MANAGER AWARD FROM BHARATHIDASAN UNIVERSITY,TRICHY

CRITERION II **OUTCOME**

4. PUBLICATIONS - Students Published their articles, with the encouragement and support provided by the staff members.

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Volume 11 Issue 2, February 2023 ISSN: 2321-1784 Impact Factor: 7.088
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Double-Blind Peer Reviewed Refereed Open Access International Journal

POWER-3 HERONIAN ODD MEAN LABELING FOR SOME SPECIAL GRAPHS

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[2]S.Tamizharasi
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stamizharasi2001@gmail.com

Abstract: In this article, we discuss Power-3 Heronian odd Mean Labeling for some families of graphs. A function is said to be Power-3 Heronian odd mean labelling of a graph G with q edges, if f is a objective function from the vertices of G to the set{1,3,5,.....2p-1}such that when each edges uv is assigned the label. The resulting edge labels are distinct numbers.

$$\beta^*(e=uv)=\left\lfloor\sqrt[3]{\frac{\beta(u)^3+\left(\beta(u)\beta(v)\right)^{\frac{3}{2}}+\beta(v)^3}{3}}\right\rfloor$$

Keywords:
Mean labeling, multiplicative labeling, Additive labeling.

Introduction:

In this paper, the graphs are taken as simple, finite and undirected. Let V(G) denotes set of all vertices and E(G) denotes set of all edges .A graph labeling an assignment of integers at its vertices or edges under certain conditions. A vertex labeling is a function of V to a set of labels. A graph with such a vertex labeling function is defined as Vertex – labeled graph. An edge labeling is a function of E to a set of labels and a graph with such a function is called an edge labeled graph. In this article $P_n \odot K_{1,2}$, $P_n \odot K_{1,3}$, T_s, Quadrilateral snakes are discussed Power-3 Heronian odd Mean Labeling of Graphs. All Graphs in

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On Integer Solutions of the Ternary Quadratic Equation $3a^2+3r^2-2ar=332n^2$

G. Janaki[1], M. Aruna[2]

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[2]*PG Student, PG and Research Department of Mathematics, Cauvery College for Women (Autonomous), Affiliated to Bharathidasan University, Trichy – 18.*

Abstract: ***Analysis is conducted on the non-trivial different integral solution to the quadratic equation*** $3a^2+3r^2-2ar=332n^2$. ***We derive distinct integral solutions in four different patterns. There are a few intriguing connections between the solutions and unique polygonal numbers that are presented.***

Keywords: Quadratic equation, integral solutions, polygonal numbers, special numbers, square number.

I. INTRODUCTION

Number theory is a vast and fascinating field of mathematics concerned with the properties of numbers in general and integers in particular as well as the wider classes of problems that arise from their study. Number theory has fascinated and inspired both amateurs and mathematicians for over two millennia. A sound and fundamental body of knowledge, it has been developed by the untiring pursuits of mathematicians all over the world. The study of Number theory is very important because all other branches depend upon this branch for their final results. The older term for number theory is "arithmetic". During the seventeenth century. The term "Number theory" was coined by the French mathematician Pierre Fermat who is consider as the "Father of modern number theory". The first scientific approach to the study of integers, that is the true origin of the theory of numbers, is generally attribution to the Greeks. Around 600BC Pythagoras and his disciples made rather thorough studies of this integer. A Greek mathematician, Diaphantus of Alexandria was able to solve equations with two or three unknowns. These equations are called Diophantine equation the study of these is known as "Diophantine analysis". The basic problem is representation of an integers n by the quadratic form with the integral values x and y.

A linear Diophantine equation is an equation between two sums of monomial of degree zero (or) one. In 628 AD, Brahmagupta an Indian mathematician gave the first explicit solution of the quadratic equation. The word quadratic is derived from the Latin word quadrates for square. The quadratic equation is a second-order polynomial equation in a single variable x.

There are several different ternary quadratic equations. To comprehend something in more detail is [1-4] visible. For the non-trivial integral answers to the ternary quadratic equation [5-7] has been researched. For numerous ternary quadratic equation [8-10] has been cited. In this article, we investigate another intriguing ternary quadratic equation $3a^2+3r^2-2ar=332n^2$ and obtain several non-trivial integral patterns. A few intriguing connections between the solutions and unique polygons, rhombic, centered and Gnomonic number are displayed.

A. Notations

$T_{m,n}$ = Polygonal number of rank n with size m

RD_n = Rhombic dodecagonal number of rank n

P_n^5 = Pentagonal Pyramidal number of rank n

TO_n = Truncated octahedral number of rank n

P_n^4 = Square Pyramidal number of rank n

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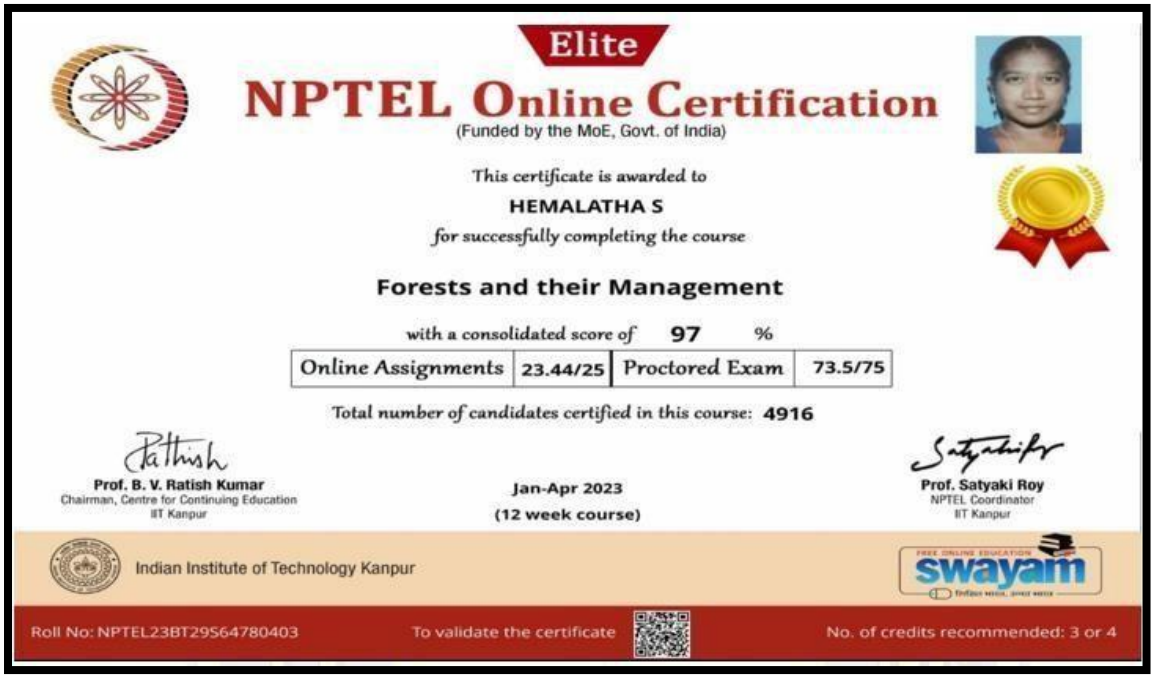
CRITERION II **OUTCOME**

4. EXTRA CREDITS- Advanced learners demonstrated excellence in the nptel course



CRITERION II **OUTCOME**

Slow learners have excelled in their NPTEL course, successfully completing with notable achievement.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

JAYAVARSHINI N

for successfully completing the course

Consumer Psychology

with a consolidated score of 60 %

Online Assignments	22.5/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: 2589

Jul-Sep 2023

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL23HS90S45631575 To verify the certificate No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RASINI R

for successfully completing the course

Consumer Psychology

with a consolidated score of 65 %

Online Assignments	22.5/25	Proctored Exam	42/75

Total number of candidates certified in this course: 2589

Jul-Sep 2023

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL23HS90S45630701 To verify the certificate No. of credits recommended: 2 or 3

CRITERION II **OUTCOME**

4. PLACEMENTS

RECRUITERS

PLACEMENT ORDER

CRITERION II **OUTCOME**

RANE

CRITERION II **OUTCOME**

RECRUITMENT DETAILS FOR THE YEAR 2023-2024
Selected from Cauvery College for Women
No. of Recruitment(Total) : 344
On - Campus : 344
Off - Campus : NIL
RECRUITMENT - ON CAMPUS

S.NO	DATE	NAME OF COMPANY	ATTENDED	SELECTED
1	JUNE'23	Omega Healthcare	40	7
2	JUNE'23	Wipro	5	1
3	09/06/2023	Raj Vidhya Bhavan School	32	15
4	04/07/2023	Humani Care	7	3
5	05/12/2024	Accenture	32	3
6	14/12/2023	Big Temple International School	72	23
7	08/01/2024	WICE	65	32
8	24/01/2024	Michael's Academy (MACE)	112	48
9	06/02/2024	Kamala Niketan (KNMS)	62	7

10	13/02/2024	Vijay School	85	12
11	14/02/2024	Omega Healthcare	74	26
12	01/03/2024	SFT School	63	27
13	07/03/2024	EIT	105	75
14	13/01/2024	TCS	60	1
15	03/15/24	Capgemini	75	64
TOTAL			**814**	**344**

Signature Not Verified
Digitally Signed
Signed by: Sujatha.V
Reason: NAAC
Location: Tiruchirappalli,Tamil Nadu,India
Date: 28-Sep-2024 14:41:51