



VIVEKANANDHA

COLLEGE OF ENGINEERING FOR WOMEN

[Autonomous]

www.vcengg.ac.in



Prof. Dr. M. KARUNANITHI
Chairman & Secretary

ZealTech 2k22

Volume-III Issue-V

DEPARTMENT OF
INFORMATION TECHNOLOGY

NEWSLETTER

2022-2023

Jun-Nov

(Odd Sem)



VISION

Providing quality education to transform students into technically competent skilled women to excel in IT profession, innovation and entrepreneurship.

MISSION

- ✦ To empower knowledge on cutting-edge technologies in the field of Information Technology to develop innovative solutions for real-world problems.
- ✦ To create a platform for innovation, research and new technology development
- ✦ To inculcate ethical practices, life-long learning and sense of societal responsibilities to support the career and personal development of the learners.

ABOUT THE INSTITUTION

Vivekanandha College of Engineering for Women (VCEW) is autonomous; self-financing Engineering College approved by AICTE and affiliated to Anna University. VCEW was founded by a Philanthropist Prof.Dr.M.Karunanithi, in the year 2001 with the vision of providing technical education for rural women. It is accredited by NBA Tier I (CSE,EEE,IT & BT). The Institution is marching towards excellence under the able guidance of Prof.S.Kuppuswami, a well-known academician in the field of technical education for the past four decades. He is a former Pro-Vice-Chancellor of Pondicherry University and expert member in various academic bodies like UNIDO, UNESCO, MHRD, UGC, AICTE, NBA & NAAC. The College offers seven UG(CSE,EEE,ECE,IT,BT,BME & CST), four PG(CSE,PSE,VLSI&IT), and four Research Programmes in the department of CSE,EEE,ECE& Chemistry. The Institution is equipped with the state of the art laboratories and e-learning centres like Digital Class Rooms, Digital Library, and AV halls for effective knowledge transformation. VCEW is the recipient of the National Award for the "Best Women Engineering College in India" awarded by the Indian Society for Technical Education (ISTE), New Delhi during the year 2018 and "Engineering Education Excellence Award" by The Institution of Engineers(India) during the year 2022

Institute Vision

To impart value based education in Engineering and Technology to empower young women to meet the societal exigency with a global outlook.

Institute Mission

- * To provide holistic education through innovative teaching-learning practices
- * To instill self confidence among rural students by supplementing with co-curricular and extra-curricular activities
- * To inculcate the spirit of innovation through training, research and development
- * To provide industrial exposure to meet the global challenges
- * To create an environment for continual progress through lifelong learning



Quality Policy

Committed to provide quality education with well equipped infrastructure to all the rural women within their means concerning only to attain the pinnacle of women empowerment

ABOUT THE DEPARTMENT

Welcome to the Department of Information Technology

- ▶ The Department of Information Technology was established in the year 2001. During the inception the intake was 45. Intake was increased to 60 in 2004. The Department is offering UG (B.Tech., IT) and PG (M.Tech., IT) courses. The department is accredited by NBA. The primary goal of our department is to provide best IT infrastructure, learning & research environment, adopt industry practices through industry collaborations and inculcate moral and ethical values.
- ▶ The Department has well experienced faculty members with specialization in Data Mining, Computer Networks, Network Security, Cyber Security, Big Data Analytics, Image Processing, Artificial Intelligence, Cloud Computing and Inter of Things.
- ▶ The department concentrates in imparting value based education and reach for the highest levels of intelligence in all works of life and to provide individual attention and to give more room for research and industrial interaction. The Department has a separate library with the collection of more than 2600 books for exclusive use of faculty and students.

FROM THE HOD'S DESK



Dr.S.Radha B.E.,M E., Ph.D.,

Associate Professor & Head,

Vivekanandha College of Engineering for Women.

It gives me great pleasure to present this edition of our Information Technology Department Newsletter. The IT field continues to evolve rapidly, driving innovation across every sector of society. As a department, we remain committed to preparing our students with the technical expertise, problem-solving mindset, and professional skills required to thrive in this dynamic environment.

In the past year, our department has witnessed significant achievements in academics, research, and co-curricular activities. Faculty members have contributed to impactful research publications and collaborative projects, while our students have excelled in coding competitions, internships, and industry-driven initiatives. These accomplishments reflect the dedication, hard work, and teamwork of our entire IT family.

Looking ahead, we aim to strengthen our ties with industry, promote interdisciplinary learning, and encourage innovation through emerging technologies such as Artificial Intelligence, Cloud

Computing, Cybersecurity, and Data Science. Our mission is not only to impart technical knowledge but also to nurture responsible professionals who contribute positively to society.

I extend my heartfelt gratitude to our faculty, staff, students, alumni, and industry partners for their continued support and contributions. Together, we will continue to build a vibrant and future-ready IT community.

EDITORIAL

Patron:	Prof. Dr. M. KARUNANITHI, Chairman & Secretary
Advisory Board:	Dr. S. RADHA, HoD/IT
Editorial Board:	Mrs. R. LOGAMBAL, AP/IT Mrs. S. ANANDHI, AP/IT Mr. B. GOUTHAM, AP/EEE
Students Coordinators:	Ms. S. SARUMATHI, IV Year IT Ms. S. MONISHA, III Year IT

Offices Bearers of ZealTech-2k22

for the Academic year 2022- 2023



SARUMATHI.S
Secretary
IV Year



MONISHA. S
Joint Secretary
III Year



REKHA.K.V
Treasurer
IV Year



MADHUMITHA.J
Joint Treasurer
III Year



ABIRAMI. R
Executive Member
IV Year



RAJALAKSHMI.S
Executive Member
IV Year



HARINI.M
Executive Member
III Year



YAMINI ARUNA
Executive Member
III Year



MAHALAKSHMI. R
Executive Member
II Year



SIVAPRIYA.M
Executive Member
II Year

DEPARTMENT ACTIVITIES



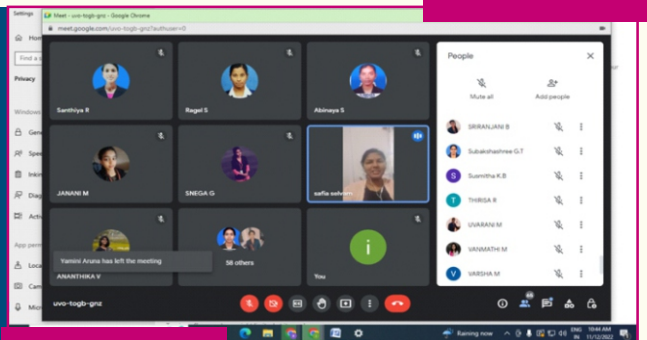
Association Inauguration-Guest lecture on "Empowering IT-IT for Indian women" by Mr. K.K.Tamilarasan, Assistant General Manager, HR & Development , Sakthi Auto Component Limited, Tiruppur on 23.09.2022

Guest Lecture on "Latest Trends in It" by Mr.Kalyan Saravannan Annathurai, Senior Coordinator for skilling on 27.9.2022



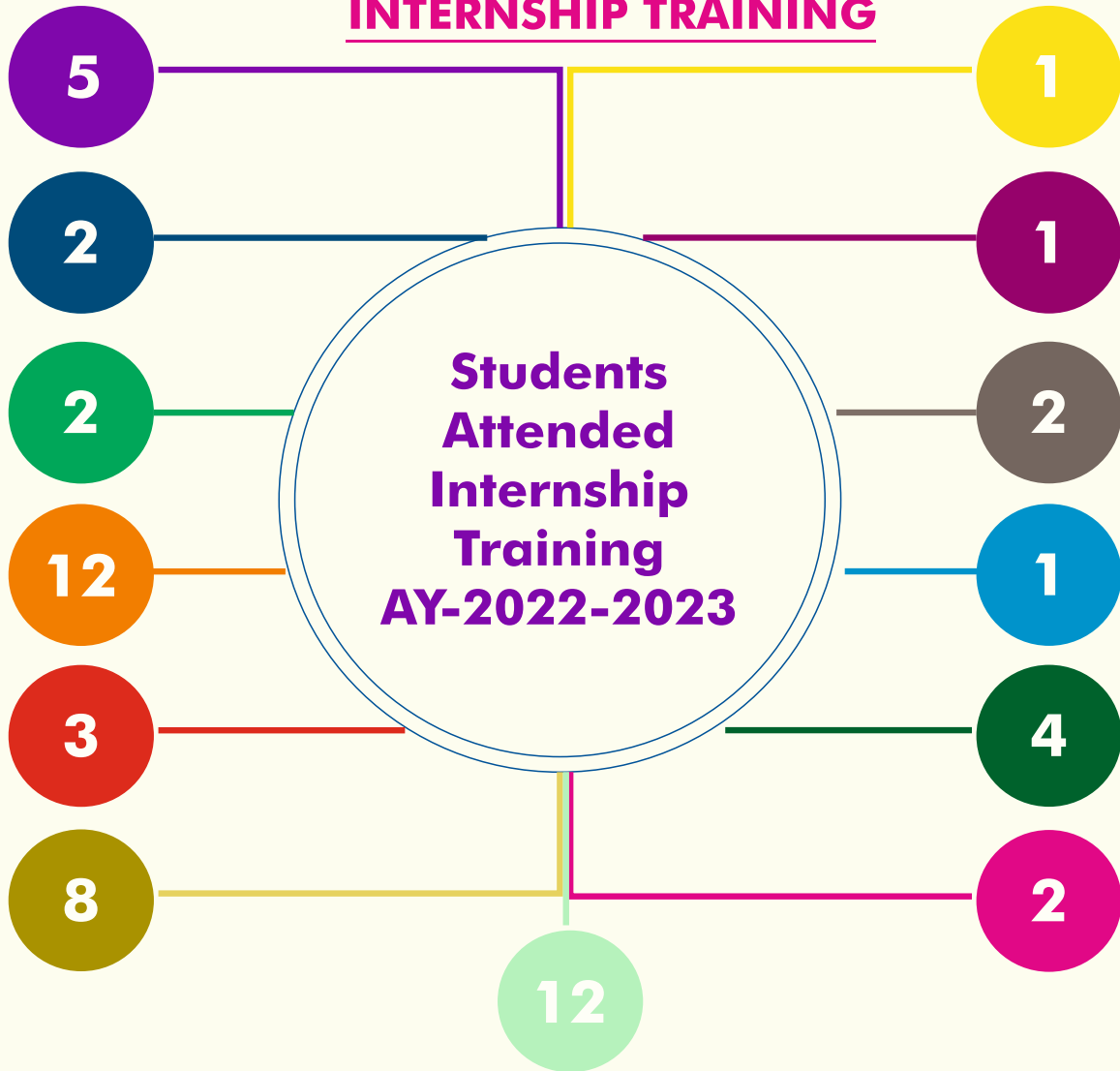
Guest Lecture on "Data Science" by Dr.Murugesan, Retired Professor, Chennai on 13.10.2022

Workshop on "Automated Testing" by S.Safia, Associate Consultant, ATOS, Bangalore on 12.11.2022



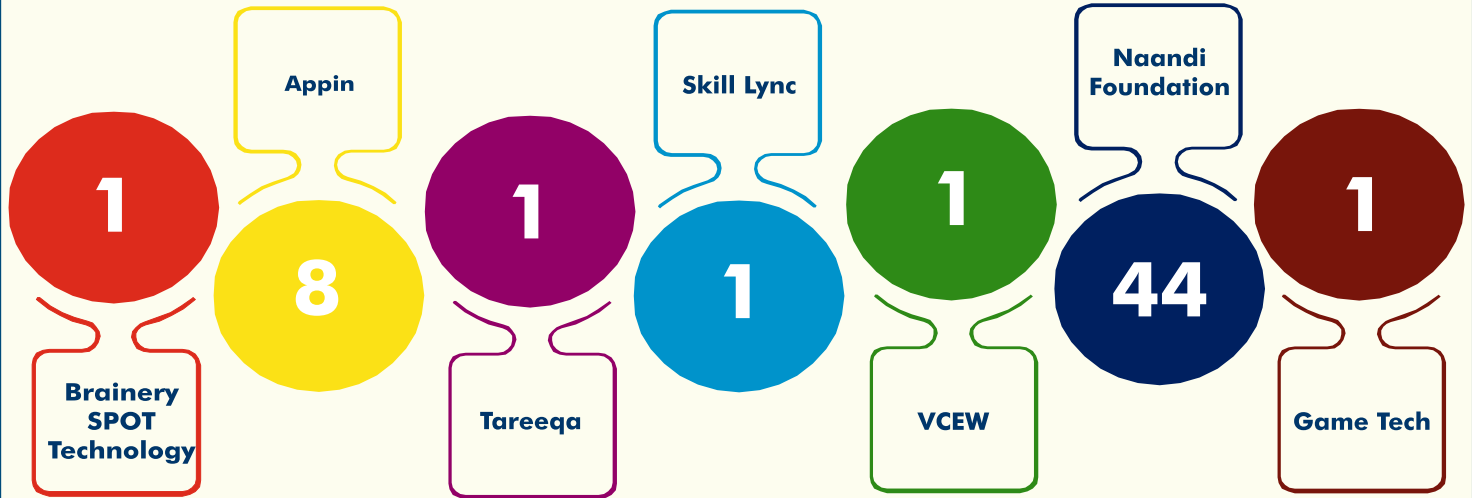
STUDENT PARTICIPATION

INTERNSHIP TRAINING

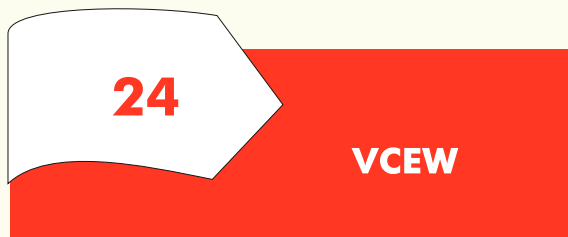


- e soft Solutions
- Live stream Technologies
- Nitroware Technologies
- ACCENT Techno soft
- Gateway Software Solutions
- Techvolt Software Pvt Ltd
- Appin
- Sri sai cubes and pipes
- KaaShiv Technologies
- Ether Infotech
- Nation small industries corp Ltd
- NSIC
- CoreEL Technologies

WORKSHOP



PAPER PRESENTATION



SEMINAR



FACULTY PARTICIPATION

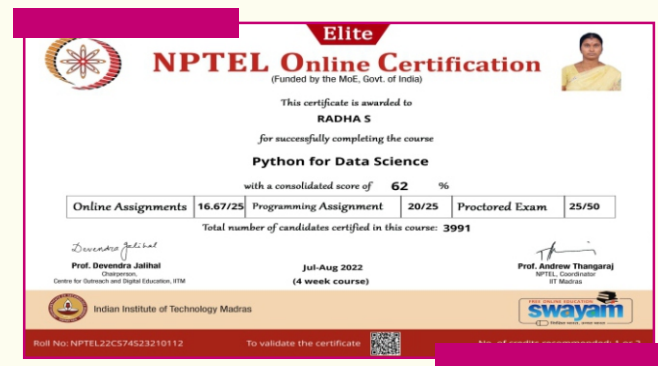
NPTEL



Name: Dr.S.Radha

Topic: Introduction to industry 4.0 and Industrial internet of things

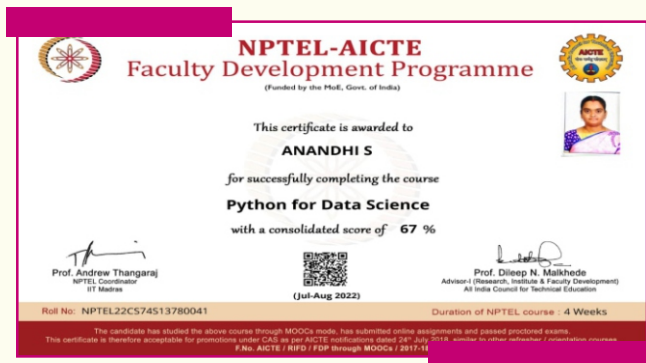
Grade: Elite



Name: Dr.S.Radha

Topic: Python for Data Science

Grade: Elite



Name: Ms.S.Anandhi

Topic: Python for Data Science

Grade:Elite

SEMINAR – ATTENDED BY FACULTY

S.No.	Name of the faculty	National / International	Date	Topic	Name of the college
1.	Ms.T.Haritha	International	24-12-22	Data Analytics for Business Value Maximization	BVICAM, New Delhi
2.	Ms.T.Janani	International	24-12-22	Data Analytics for Business Value Maximization	BVICAM, New Delhi
3.	Ms.T.Haritha	International	10-12-22	Digital Key: A Big Revolution for Secured Transportation	BVICAM, New Delhi
4.	Ms.T.Haritha	International	19-11-22	AI in Healthcare and Medicine	BVICAM, New Delhi
5.	Ms.T.Haritha	International	29-10-22	Cyber Security, Cyber Warfare and Cyber Citizenship	BVICAM, New Delhi
6.	Ms.T.Janani	International	29-10-22	Cyber Security, Cyber Warfare and Cyber Citizenship	BVICAM, New Delhi
7.	Ms.T.Haritha	International	24-09-22	Computing Sciences: Historical Perspective	BVICAM, New Delhi
8.	Ms.T.Janani	International	24-09-22	Computing Sciences: Historical Perspective	BVICAM, New Delhi
9.	Ms.T.Haritha	International	17-09-22	Multitasking: Myth and Challenges	BVICAM, New Delhi
10.	Ms.T.Janani	International	17-09-22	Multitasking: Myth and Challenges	BVICAM, New Delhi

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11.	Ms.S.Merena	National	02-09-22 03-09-22	Role of Post Quantum Cryptography in Defense and Security of Future India	Kongu Engineering College
12.	Ms.T.Haritha	International	20-08-22	Data Science its applications	BVICAM, New Delhi
13.	Ms.T.Janani	International	20-08-22	Data Science its applications	BVICAM, New Delhi
14.	Ms.T.Haritha	National	04-08-22	Intellectual Property Rights	TNSCST, Chennai
15.	Ms.T.Janani	National	04-08-22	Intellectual Property Rights	TNSCST, Chennai
16.	Ms.S.Merena	International	04-06-22	Digital Trends and opportunities	BVICAM, New Delhi

WORKSHOP – ATTENDED BY FACULTY

S.No.	Event	Name of the faculty	National / International	Date	Topic	Name of the college
1.	Workshop	Ms.S.Merena	-	15.6.22-16.6.22	SQL	Skill sash

FACULTY DEVELOPMENT PROGRAMME

S.No.	Name of the faculty	Date	Topic	Name of the college
1.	Ms.S.Ananthi	12.12.2022	Emotional Intelligence	Paavai Engineering College
2.	Ms.T.Haritha	21-11-22 to 25-11-22	Academic Leadership for enhanced outcomes	Department of ECE, ESEC, Erode
3.	Ms.S.Ananthi	5.11.2022	Universal Human Values	Vivekanandha College of Engineering for Women
4.	Ms.S.Merena	5.11.2022	Universal Human Values	Vivekanandha College of Engineering for Women

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5.	Ms.R.Logambal	5.11.2022	Universal Human Values	Vivekanandha College of Engineering for Women
6.	Ms.T.Haritha	10-10-22 to 14-10-22	Data Science using Python	Department of ECE, ESEC, Erode
6.	Ms.R.Logambal	23-09-22 \$ 24-09-22	Design Thinking – A Premiere	VCEW AICTE IDEA LAB
7.	Ms.T.Janani	12-09-22 – 16.09.2022	Cloud Practitioner (AWS)	Mahendra Engineering College
8.	Ms.T.Janani	12-09-22 – 16.09.2022	AWS Academy Cloud Foundations	Mahendra Engineering College
9.	Ms.C.Visali	22.08.2022 to 27.08.2022	Amazon Web Services	M.Kumarasamy College of Engineering (Autonomous)
10.	Ms.S.Ananthi	Aug 2022	Python for Data Science	NPTEL
11.	Ms.S.Merena	18.07.2022 to 23.07.2022	Problem Solving and Python Programming	Centre for Faculty Development Anna University ,Chennai
12.	Ms.C.Visali	18.07.2022 to 23.07.2022	Problem Solving and Python Programming	Centre for Faculty Development Anna University ,Chennai
13.	Ms.C.Visali	18.07.2022 & 19.07.2022	IoT and Artificial Intelligence	Vivekanandha College of Engineering for Women

BOOKS / BOOK CHAPTERS PUBLISHED BY FACULTY

S.No.	Name of the faculty	Name of the book / book chapter	ISBN No.	Publisher name	Publication date
1	Mrs.T.Haritha	Machine Learning with its Applications in Data Science	9789395422147	Shanlax Publications	Oct 2022
2	Mrs.T.Haritha	Data Science	9789394899544	Shanlax Publications	June 2022

PATENTS PUBLISHED

S.No.	Name of the faculty	Topic	Indian / Foreign	Patent no	Date
1	Mrs.T.Haritha	Smart Risk Management for Supervised Machine Learning and AI in Cloud Computing Environment	Indian Patent	202241035288	June 2022

INDUSTRIAL VISIT



IV & III year IT Students visited Infosys-Bangalore on 09/09/2022



II Year IT Students visited Excelsoft Technologies Ltd, Mysore on 17.02.2023 and 18.02.2023

VIVEKANANDHA EDUCATIONAL INSTITUTIONS



"Vidhya Rathna"

Prof. Dr. M. KARUNANITHI, B.Pharm., M.S., Ph.D., D.Litt.,
Chairman & Secretary



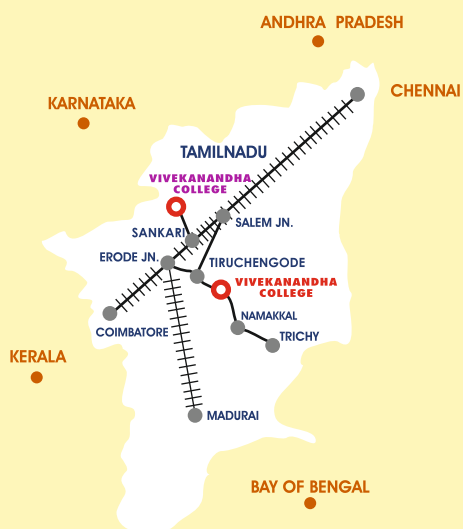
TIRUCHENGODE CAMPUS

- * SWAMY VIVEKANANDHA MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE
- * VIVEKANANDHA DENTAL COLLEGE FOR WOMEN
- * SWAMY VIVEKANANDHA COLLEGE OF PHARMACY
- * VIVEKANANDHA COLLEGE OF NURSING
- * VIVEKANANDHA SCHOOL OF ANM
- * SWAMY VIVEKANANDHA PHYSIOTHERAPY COLLEGE
- * VIVEKANANDHA ALLIED HEALTH SCIENCE COLLEGE (Co - Ed)
- * KRISHNA INSTITUTE OF OPTOMETRY AND RESEARCH
- * VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN (Autonomous)
- * VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN
- * VIVEKANANDHA INSTITUTE OF INFORMATION AND MANAGEMENT STUDIES
- * VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (Autonomous)
- * VIVEKANANDHA COLLEGE FOR WOMEN
- * VIVEKANANDHA COLLEGE OF EDUCATION FOR WOMEN
- * KRISHNA COLLEGE OF EDUCATION FOR WOMEN
- * VIVEKANANDHA VIDHYA BHAVAN MATRIC HIGHER SECONDARY SCHOOL
- * VIVEKANANDHA MEDICAL CARE HOSPITAL (VMCH)



SANKAGIRI CAMPUS

- * SWAMY VIVEKANANDHA NATUROPATHY AND YOGA MEDICAL COLLEGE (Co-Ed)
- * VIVEKANANDHA NURSING COLLEGE FOR WOMEN
- * VIVEKANANDHA PHARMACY COLLEGE FOR WOMEN
- * VIVEKANANDHA ANM SCHOOL
- * RABINDHARANATH TAGORE COLLEGE OF EDUCATION FOR WOMEN
- * VISWABHARATHI COLLEGE OF EDUCATION FOR WOMEN
- * VIVEKANANDHA ARTS AND SCIENCE COLLEGE FOR WOMEN



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