

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

KNOWLEDGE ASSET 2022-23

Name: SREENIVASA RAO KAKUMANU
Designation: ASSISTANT PROFESSOR
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Experience (in years): Teaching: 11 Years
AICTE ID: 1-7622518397

Research: 1 Year
DoB: 30-03-1986

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Ph.D.	Pursuing-2022	IT
2.	M.TECH	2015	IT
3.	B.TECH	2007	IT

2. Teaching and Learning:

2.1. Teaching Interests: Image Processing and its Applications, Compiler Design, IoT, CN.

2.2. Novel Teaching & Learning Techniques adopted: WIT & WILL, Brain Storming, Learning by Doing (LBD), Group Project / Presentation, Conduct of Quiz.

2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

• **3.2. CCA/ECA Organized:**

• Organized a 3-Day workshop on Android Mobile Development and its Applications Organized by Department of Information Technology VFSTR from 9th - 12th March 2020.

• Served as a FACULTY COORDINATOR for three-day workshop event towards the NATIONAL LEVEL TECH EXTRAVAGANZA SRUJANANKURA 2020 during 12th - 14th March 2020 at VFSTR, Vadlamudi Guntur

3.3. CCA/ECA participated: NIL

3.4. Counseling and Mentoring Activity: Acted as Faculty Co-ordinator for P.G.Studies from 2019-2021 at VFSTR.

3.5. Committees involved in: NIL

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:2

- Organized a 3-Day workshop on Android Mobile Development and its Applications Organized by Department of Information Technology VFSTR from 9th - 12th March 2020.

- Served as a FACULTY COORDINATOR for three-day workshop event towards the NATIONAL LEVEL TECH EXTRAVAGANZA SRUJANANKURA 2020 during 12th - 14th March 2020 at VFSTR, Vadlamudi Guntur

4.2 Attended:27

- ✓ AICTE Training and Learning (ATAL), One-week online FDP on "Semantic Intelligence: The Way Forward with Artificial Intelligence (Part I)" from 2021-07-02 to 2021-07-06 at NIT Kurukshetra.
- ✓ AICTE Training and Learning (ATAL), One-week online FDP on "Cyber Security" from 2020-05-28 to 2020-06-01 at NITTTR Chandigarh.
- ✓ AICTE Training and Learning (ATAL), One-week online FDP from Augmented Reality (AR)/ Virtual Reality (VR)" from 2020-8-17 to 2020-8-21 at THIAGARAJAR POLYTECHNIC COLLEGE.
- ✓ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Data Sciences" from 2020-8-24 to 2020-8-28 at Tripura Institute of Technology.
- ✓ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 2020-8-31 to 2020-9-4 at College of Engineering and Management, Kolaghat.
- ✓ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-9-7 to 2020-9-11 at National Institute of Technical Teachers Training and Research, MHRD.
- ✓ 8 Day online FDP on BCT from 28th April 2020 – 4th May 2020 by VFSTR (Deemed to be University), Vadlamudi, Guntur.
- ✓ 5 Day online FDP IITS-2020 from 25th May 2020 -29th May 2020 by Annamacharya institute of Technology and Sciences (Autonomous), Rajampet.

- ✓ One Week Online Faculty Development Program on "Machine Learning Algorithms, Applications & Advantages" from 25th to 30th May 2020, organized by Department of Computer Science & Engineering, Kamala Institute of Technology & Science, Singapur.
- ✓ AICTE Sponsored a two-week FDP on "Machine Learning to Deep Learning: Trends & Challenges" from 04th–16th November, 2019 at LBRCE (Autonomous), Mylavaram.
- ✓ AICTE Training and Learning (ATAL), A Five Day FDP on Block-Chain from 14th-18th October 2019 at JNTUK, Kakinada.
- ✓ One Day National Level FDP on Block Chain-The Modern Internet on 16th August 2018.
- ✓ One Day National Level FDP on Cloud computing & Cyber Security on 13th March 2018.
- ✓ Attended TEQIP-II Sponsored a One Week Early Faculty Induction Program Conducted by Directorate of Faculty Development from 06th October-11th October 2014.
- ✓ Attended three day national workshop on INTERNET OF THINGS during 30th August-1st September 2019 organized by Department of IT, VFSTR, Vadlamudi,Guntur.
- ✓ Participated national conference on RECENT ADVANCES IN INFORMATION TECHNOLOGY (NCRAIT-2019) during 30th-31st August 2019 organized by Department of IT, VFSTR, Vadlamudi, Guntur.
- ✓ Attended a Two Day National Conference on Ambedkar's Thought Indian Constitution, organised by Ambedkar Chair,ANU Guntur on 23rd -24th November 2019.
- ✓ Attended three day national workshop on BLOCK CHAIN AND IT'S APPLICATIONS during 23rd -25th December 2019 organized by Department of IT, VFSTR, Vadlamudi,Guntur.
- ✓ Attended TEQIP-II Sponsored a Two Day Workshop on "Pattern Recognition & Machine Learning" Organized by Department of Computer Science and Engineering JNTUK-UCEK from 23rd - 24th August 2014.
- ✓ Attended TEQIP-II Sponsored a Three-Day Workshop on "Emerging Trends In Social Media And Mobile Applications" Organized by Department of Computer Science and Engineering on 13th-15th of November 2014 at VNR-VJIET, Hyderabad.

- ✓ Attended TEQIP-II Sponsored a Two-Day Workshop on "Advances In Web Mining And Big Data" Organized by Department of Computer Science and Systems Engineering on 18th-19th December 2014 at AU, Visakhapatnam.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

5.5. Research Interests:

5.6. Ph.D. students:

- a) Enrolled:
- b) Submitted:
- c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Efficient Binary Classification of Electrocardiogram Signals through Machine Learning Techniques	Design Engineering, Issue 7, Pages 1080 – 1089, July 2021	ISSN No 0011-9342	[H-Index 3.28] [IF-5.86] [Scopus Indexed]	International
2	Recognition of Fetal heart diseases through machine learning techniques	Annals of R.S.C.B. Vol. 25, Issue 6, 2021, Pages. 2601-2615, May 2021	ISSN: 1583-6258	[H-Index 5.63] [IF-7.43] [Scopus Indexed]	International
3	Early detection of lung cancer detection using deep learning techniques	International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 08, 2020	ISSN: 1475-7192		International
4	Identifying smart phone & monitor fall droid events in the embedded accelerometer	JOURNAL OF CRITICAL REVIEWS VOL 7, ISSUE 16, 2020 (Pg 94-105) July 2020,	ISSN-2394-5125		International

signals by using machine learning algorithms				
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5.8. Papers presented at National / International Conferences: NIL

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
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5.10 Consultancy Projects: NIL

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6. Awards / Honors received:

- Got National level Award for MyGov Digital India Quiz Competitions in the celebrations of Azadi ka Amrutmahostav held at New Delhi 4th December 2021.
- Won First Prize in the Quiz competition held on 16.01.2016 as a part of national wide celebrations of 125th birth anniversary of Dr. B.R. Ambedkar.
- Won Second Prize in Micro Teaching organized by the Directorate of faculty development JNTUK, Kakinada from 06-10-2014 to 11-10-2014.

7. Motto: Honesty is the best policy.