

Moogambigai Charitable and Educational Trust

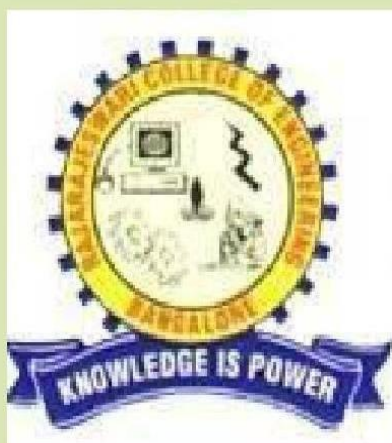
RAJARAJESWARI COLLEGE OF ENGINEERING

(Affiliated to the Visvesvaraya Technological University, Belgaum Recognized by the AICTE, New Delhi)

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING



VO'ISE - NEWSLETTER

Volume: 7 Issue: 8

Period: 1.9.2021 to 30.10.2022

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Institutional Vision

“To provide an open opportunity to young generation for evolving their core competencies helping them to build their career as global professionals to be an autonomous institution by achieving excellence in the field of higher education”

Institutional Mission

"To Consistently strive for academic excellence to become a leading Institution in the field of Engineering, Management and Research To produce competent and ethically sound manpower for the benefit of industry, society, nation and the global environment."

Vision of ISE Department

“To Emerge as a Leading Department in the field of Information Science and Engineering, in the state of Karnataka by Providing Quality of Education”

Mission of ISE Department

“To Develop a Center of Excellence to offer broad need based curricula, innovative teaching and research in the field of information science and engineering and to produce competitive, self disciplined information

ACTIVITIES OF THE DEPARTMENT DURING ODD SEMESTER OF

AY 2021 – 2022 :

SL NO.	Year	Name of the workshop/ seminar	Number of Participants	Date From – To	Link to the Activity report on the website
1	2022	Overseas Education – US Study Web Exp		15/10/2022 to 15/10/2022	https://www.rrce.org/news/overseas-education-us-study-web-exp/
2	2022	ISE Department Toppers First Semester		30/07/2022 to 30/07/2022	https://www.rrce.org/news/ise-department-toppers-first-semester/
3	2022	ISE – Innovative Student Project Fund Received for Academic Year 2021 – 22		23/07/2022 to 23/07/2022	https://www.rrce.org/news/ise-innovative-student-project-fund-received-for-academic-year-2021-22/
4	2022	Innovate 2022 – Prototype Exhibition at ISE	42	23/07/2022 to 23/07/2022	https://www.rrce.org/news/innovate-2022-prototype-exhibition-at-ise/
5	2022	AAVISKAR 2K22		28/06/2022 to 28/06/2022	https://www.rrce.org/news/aaviskar-2k22/
6	2022	Alumni Interaction Session on Skill Set for Industry 4.0 and guidance for Placement Preparation	50	04/06/2022 to 04/06/2022	https://www.rrce.org/news/alumni-interaction-session-on-skill-set-for-industry-4-0-and-guidance-for-placement-preparation/
7	2022	Alumni Interaction Program on Career Development and Profile Building	51	28/05/2022 to 28/05/2022	https://www.rrce.org/news/alumni-interaction-program-on-career-development-and-profile-building/
8	2021	Placement Preparation – Attitude, Skill and Knowledge	57	05/10/2021 to 05/10/2021	https://www.rrce.org/news/placement-preparation-attitude-skill-and-knowledge/
9	2021	Innovative Skillsets for Industry 4.0 from Fresh Engineering Graduates		05/10/2021 to 05/10/2021	https://www.rrce.org/news/innovative-skillsets-for-industry-4-0-from-fresh-engineering-graduates/
10	2021	Engineers Day 2021		15/09/2021 to 23/09/2021	https://www.rrce.org/news/engineers-day-2021/
11	2021	Career Guidance Programme on Overseas Education Web Expo	97	10/09/2021 to 10/09/2021	https://www.rrce.org/news/career-guidance-programme-on-overseas-education-web-expo/
12	2021	Cognizant's Students Connect and		20/08/2021 to	https://www.rrce.org/news/cognizants-students-

		Mentorship Session on CTS Campus Hiring 2022		20/08/2021	connect-and-mentorship-session-on-cts-campus-hiring-2022/
13	2021	Workshop on Study Abroad Made Easy	57	12/08/2021 to 12/08/2021	https://www.rrce.org/news/workshop-on-study-abroad-made-easy/
14	2021	Prototype Exhibition 2021	57	04/08/2021 to 04/08/2021	https://www.rrce.org/news/prototype-exhibition-2021/
15	2021	Workshop on E-commerce Innovations	87	21/07/2021 to 21/07/2021	https://www.rrce.org/news/workshop-on-e-commerce-innovations/
16	2021	Leadership Talk on Block Chain Technology for Innovative Applications & Services	127	17/07/2021 to 17/07/2021	https://www.rrce.org/news/leadership-talk-on-block-chain-technology-for-innovative-applications-services/
17	2021	Webinar on Japanese Career & Higher Education Opportunities	87	08/07/2021 to 08/07/2021	https://www.rrce.org/news/webinar-on-japanese-career-higher-education-opportunities/
18	2021	Webinar on Effective utilization of VTU subscribed e-resources using RRCE Digital Library powered	164	02/07/2021 to 02/07/2021	https://www.rrce.org/news/webinar-on-effective-utilization-of-vtu-subscribed-e-resources-using-rrce-digital-library-powered/
19	2021	ISE – VTU (Student Project) 2021- 2021		28/06/2021 to 28/06/2021	https://www.rrce.org/news/ise-vtu-student-project-2021-2021/
20	2021	Webinar on Innovative Skillset for Industry 4.0	127	26/06/2021 to 26/06/2021	https://www.rrce.org/news/webinar-on-innovative-skillset-for-industry-4-0/
21	2021	ISE – KSCST (Student Project) 2020-2021		25/06/2021 to 25/06/2021	https://www.rrce.org/news/ise-kscst-student-project-2020-2021/
22	2021	Webinar on IoT based Innovative Applications for Healthcare and IoT for Medical Devices	227	22/06/2021 to 22/06/2021	https://www.rrce.org/news/webinar-on-iot-based-innovative-applications-for-healthcare-and-iot-for-medical-devices/
23	2021	Workshop on How to start a Start up – Legal & Ethical Steps	84	17/04/2021 to 17/04/2021	https://www.rrce.org/news/workshop-on-how-to-start-a-start-up-legal-ethical-steps/
24	2021	FDP on Mobile Application Development for	53	05/04/2021 to 07/04/2021	https://www.rrce.org/news/fdp-on-mobile-application-development-

		Innovation			for-innovation/
25	2021	Workshop on IPR and IP Management for start ups	168	27/03/2021 to 27/03/2021	https://www.rrce.org/news/workshop-on-ipr-and-ip-management-for-start-ups/
26	2021	Webinar on Innovative Research Ecosystem & Publishing Papers in High Impact Journals	168	26/03/2021 to 26/03/2021	https://www.rrce.org/news/webinar-on-innovative-research-ecosystem-publishing-papers-in-high-impact-journals/
27	2021	Leadership Talk on IoT Rapid Prototyping	67	17/03/2021 to 17/03/2021	https://www.rrce.org/news/leadership-talk-on-iot-rapid-prototyping/
28	2021	Orientation Session for the Students and Faculty members of the Institute by Innovation Ambassador	118	11/03/2021 to 11/03/2021	https://www.rrce.org/news/orientation-session-for-the-students-and-faculty-members-of-the-institute-by-innovation-ambassador/
29	2021	Leadership Talk on Women Entrepreneurship & Empowerment	78	08/03/2021 to 08/03/2021	https://www.rrce.org/news/leadership-talk-on-women-entrepreneurship-empowerment/
30	2021	Leadership Talk Lean Canvas – A Precursor to Business Model Canvas	78	27/02/2021 to 27/02/2021	https://www.rrce.org/news/leadership-talk-lean-canvas-a-precursor-to-business-model-canvas/
31	2021	Webinar on Recent Innovations and Research Trends in Medical Research	112	04/02/2021 to 04/02/2021	https://www.rrce.org/news/webinar-on-recent-innovations-and-research-trends-in-medical-research/
32	2021	Webinar on Design Validation through Double Diamond Approach	35	13/01/2021 to 13/01/2021	https://www.rrce.org/news/webinar-on-design-validation-through-double-diamond-approach/
33	2021	FDP: Microcontroller and Embedded Systems		06/01/2021 to 06/01/2021	https://www.rrce.org/news/fdp-microcontroller-and-embedded-systems/

PATENTS DETAILS

1. **Dr.Vijayanand S, Dr.J.Amutharaj, Dr. Sobya D, Dr. K. Janaki, Dr.NehaSinghal, Dr T.Subburaj** of RajaRajeswari College of Engineering, Bangalore has filed a patent titled “**Trustworthy Electronic Votingusing Adjusted Block Chain Technology**” with Controller of Patents, Intellectual Property INDIA on **9th August 2021** and Published on **13thAugust 2021**.
2. **Dr J Amutharaj, Dr. S Usha, Dr. J Anitha, Dr. P.Bhuvaneswari, Dr. Kamalraj T, Dr.VijayanandS, Prof. BhagyaLakshmi, Dr. M Gomathynayagam, Dr. I Gethzi Ahila Poornima, Prof.Pallavi C.V., Prof. Niranjan Murthy C, Dr. T Subburaj** filed Innovation Patent Granted on **25th August 2021** titled “**DrylandAgriculture and Yield Gap Analysis by Machine LearningAlgorithms using IoT Sensors**” by IP Australia, AustralianGovernment with Patent Number 2021104029.
3. **Dr J Amutharaj** filed Innovation Patent Granted on **28th April 2021** titled “**An EfficientCoverage Management for Smart IoT Application**” by with Patent Number 202110157 .
4. **Dr.Neha Singhal,** filed “**Intelligent Tracking& Managing System for Water Quality Distribution and Water Consumption Plan Scheduling Using Block Chain**”, Term of Patent:8 years from **8thJune 2021,** Patent number: 2021103216, AUSTRALIANGOVERNMENT
5. **Dr.Neha Singhal** filed “**Internet of Things Based Smart Irrigation System for Water Resource Management**”,Term of Patent:8 years from **21 July 2021,**Patent number: 2021104402, AUSTRALIAN GOVERNMENT.
6. **Dr.Neha Singhal** Published a patent on “**Trustworthy Electronic Voting Using Adjusted Block Chain Technology:**” in Indian patent on **9/8/2021** application number :202141035793A
7. **Dr.Neha Singhal** Published a patent on **APPLICATION NUM: 2021104402** in **AUSTRALIANPATENT, VOL 35,NO 33,** patent on **19/8/2021**

PUBLICATION DETAILS:

International Conference for 2021-2022

1. **Dr. Neha Singhal** “International Conference on Digital Transformation and Intelligence (ICDI2022)” a Conference of ESTCON-2022
2. **Dr. Neha Singhal** “Towards Frequent Item set Mining On Encrypted Cloud Data with Practical Privacy Protection” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
3. **Dr. Neha Singhal** “ Passport: Creating And Verifying Proofs In A Secure And Private Environment” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
4. **Dr. Neha Singhal** “Data Access Control For Cloud Storage With Secure And Expensive Crypt Cloud +” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
5. **Dr. Neha Singhal** “Predictive Analysis For Big Martsales Using Machine Learning Algorithms” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
6. **Dr. Neha Singhal** “Access Control For Time Sensitive Data In A Public Cloud Using Time Factor Together” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
7. **Dr. Neha Singhal** “A Scalable Attribute Based Access Control Scheme With Flexiable Sharing of Access Privileges For Cloud Storage” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
8. **Dr. Neha Singhal** “Optimizing Information Leakage In Multicloud Storage Services” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
9. **Dr. Neha Singhal** “Detection Of Depression In Social Media Messages Using Python Regex” Proceeding in IEEE at ICETEM -2022 RRCE Bangalore.
10. **Dr. Neha Singhal** “Intelligent Traffic Monitoring System” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.
11. **Dr. Neha Singhal** “For Multiauthority Cloud Storage, Secure And Effective Attribute Based Access Control” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.
12. **Dr. Neha Singhal** “Emotion Recognition By Textual Tweets Classification Using Voting Classifier” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.
13. **Dr. Neha Singhal** “Agricultural Crop Recommendations Based On Productivity And Season” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.

14. Dr. Neha Singhal “Detecting Fake Accounts on social media” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.
15. Dr. Neha Singhal “Fire Detection And Extinguishing Robot ” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.
16. Dr. Neha Singhal “Heart Disease Prediction Using ML ” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore.
17. Dr. Neha Singhal “Crime Prediction By State ” Proceeding in IEEE at ICETEM – 2022 RRCE Bangalore

National conferences for 2021-2022

1. Dr. NEHA SINGHAL ” Military Border Security Robot using IoT technology” in virtual 4th national conference on VLSI communication and signal processing (NCVCS-2021) ON 18 August 2021.


International Journals and Conference Publications:

1. S.Sridhar, J.Amutharaj, PrajoonaValsalan, B.Arthi, S. Ramkumar, S. Mathupriya,T. Rajendran,YosefAsratWaji, “A Torn ACL Mapping in Knee MRI Images Using Deep Convolution Neural Network with Inception-v3”, Journal of Healthcare Engineering, a Special Issue on Explainable Artificial Intelligence for Medical Applications, Vol. 2022,Hindawi Publications,2022 <https://doi.org/10.1155/2022/7872500> Scopus Indexed
2. Sridhar S K, J. Amutharaj, “Optimization of Smart Mobile Device Work Time Using an Optimal Decision Tree Classifier and Data Caching Technique in on Premise Network”, International Journal of Computer Networks and Applications (IJCNA), 8(6), PP: 702-718, 2021, DOI: 10.22247/ijcna/2021/210720. Scopus Indexed
3. M.B. Sudhan, M. Sinthuja, S. Pravinth Raja, J. Amutharaj,G. CharlynPushpaLatha, S. Sheeba Rachel, T. Anitha, T. Rajendran, YosefAsratWaji, “Segmentation and Classification of Glaucoma Using U-Net with Deep Learning Model” Journal of H
4. Healthcare Engineering, a Special Issue on Explainable Artificial Intelligence for Medical Applications, Vol. 2022,Hindawi Publications, 2022 <https://doi.org/10.1155/2022/1601354>
5. Sridhar S K, Dr. S. Jeyabalan, Dr. J. Amutharaj, “Optimization of Smart Mobile Device Work Time using Composite Offload Decision Algorithmic Approach”, International Journal of Computer Science and Engineering (IJCSE), 12(4), PP: 899-909, 2021, DOI: 10.21817/indjse/2021/v12i4/211204119. Scopus Indexed
6. Dr. J. Amutharaj,” Artificial Intelligence –Based security Protocols to Resist Attacks in Internet of Things” Hindawi Wireless Communication and Mobile Computing, Vol2022 ,<https://doi.org/10.115/2022/1440538>.
7. Dr. T.Subburaj, Sandesh M S, Vijetha. S “Vision Based Malware Detection” International Journal of Research And Analytical Reviews(IJRAR). E-ISSN: 2348-1269, P-ISSN: 2349-5138, vol: 9, Issue: 4, October 2022
8. Dr. J. Amutharaj , Chandana P, Deepashree S Rannore ”Coronavirus Detection Using Machine Learning” International Journal of Research And Analytical Reviews(IJRAR). E-ISSN : 2348-1269, P-ISSN: 2349-5138, vol: 9, Issue: 4, October 2022
9. Dr. J. Amutharaj, Dineshkumar M, Anusha k, Geethana. R” An IOT Framework For Heart Disease Prediction Using MDCNN Classifier” International Journal of Research And Analytical Reviews (IJRAR). E-ISSN: 2348-1269, P-ISSN: 2349-5138, vol: 9, Issue: 4, October 2022
10. Dr. J.Amutharaj, Divya V, Harshitha M ” Prevention of Wild Fire By Early Fire And Smoke Detection” International Journal of Research And Analytical Reviews(IJRAR). E-ISSN: 2348-1269, P-ISSN: 2349-5138, vol: 9, Issue: 4, October 2022

11. [Dr. J. Amutharaj](#) , [Devraju G](#), [Nithish Kumar E](#) ” [Indian Sign Language To Speech Conversion For HSI People](#)” International Journal of Research And Analytical Reviews(IJAR). E-ISSN: 2348-1269, P-ISSN: 2349-5138, vol: 9, Issue: 4, October 2022
12. [Dr. J. Amutharaj](#) , [Jeyashree N](#), [Nandhini R](#) “[AI Based Assistant For Unsighted, Hearing, Impaired And InArticulate](#)” Journal of Research And Analytical Reviews(IJAR). **E-ISSN: 2348-1269, P-ISSN: 2349-5138, vol: 9, Issue: 4, October 2022**
13. [Dr. Neha Singhal](#) “Fire Detection and Extinguishing Robot” at UGC JOURNAL- 2022 at RRCE Bangalore.
14. [Dr. Neha Singhal](#) ” [Covid-19 Monitoring and Detecting Band](#)” International Journal of Innovative Science and Research Technology, Volume 6, Issue 7, July – 2021, ISSN No:- 2456-2165
15. [Dr. Neha Singhal](#) [NehaSinghal](#) ”[Multi Functionality Robot Navigation with Improved Performances](#)” International Journal of Advance Science and Technology, IJASR VOL.29.NO6, ISSN:2005-4238 2020 (SCOUPS INDEXED)

CONFERENCE, SEMINARS AND FDP'S ATTENDED BY FACULTY MEMBERS

Mr.Dineshkumar M Completed NPTEL Online Certification on “**Introduction to Machine Learning**” during **Jul-Sep2022**.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
DINESHKUMAR M
for successfully completing the course


Introduction to Machine Learning

with a consolidated score of **47** %


Online Assignments	15/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **2034**

Jul-Sep 2022
(8 week course)




Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur




Indian Institute of Technology Kharagpur

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Roll No: NPTEL22CS97S13152681

To validate the certificate 

No. of credits recommended: 2 or 3

STUDENT ACTIVITIES AND ACHEIVEMENTS

ACADEMIC YEAR: 2021-22

Sl.No	USN	Student Name	List of Activities participated / Completed	ORGANIZED BY
1	1RR18IS001	AKASH N	Selected & Nominated for National Level "Smart India Hackathon, 2022".	RRIC,Bangalore
2			Online Session How "NASA With Deep Learning".	TechLearn
3			Online Course on "ML Bootcamp for Beginners 2021: Intro" .	learnmall.in
4			Presented a paper titled "Heart Disease Prediction using Hybrid ML Algorithms".	RRCE,Bangalore
5	1RR18IS002	ALSABAH AFSHI	Internal Hackathon for Smart India Hackathon, 2022".	RRIC,Bangalore
6	1RR18IS005	BINDUSHREE K	Nominated for VTU Funding Projects	RRCE,Bangalore
7	1RR18IS006	C SAI KIRAN	Selected & Nominated for National Level "Smart India Hackathon, 2022".	RRIC,Bangalore
8			Online Course "Basics of Finance".	HP LIFE
9			Online Course "Starting a Small Business".	HP LIFE
10			Presented a paper titled "Heart Disease Prediction using Hybrid ML Algorithms".	RRCE,Bangalore
11	1RR18IS007	CHAITRA K	First in the "Prototype Project Exhibition"- INNOVATE 2022	RRIC,Banagalore
12			ICETEMT -2022 "Procturing System (AI - Based)"	RRCE,Bangalore
13			"Python Course From The Absolute Befinner + Code"	Udemy
14			"C++ Course For Beginners"	Udemy
15			"JavaScript,Bootstrap, & PHP Certification for Beginners"	Udemy
16			"Learn Java Programming: Classes & Objects " by	Udemy
17	1RR18IS010	CHANDU SHRINIVAS S	Presented a paper titled "Heart Disease Prediction using Hybrid ML Algorithms."	RRCE,Bangalore
18			Online Course "Effective Leadership"	HP LIFE
19	1RR18IS011	DEEPASHREE S	Online Skill Development Program on "Full Stack Web Development"	Tequed Labs.
20	1RR18IS012	DEVARAJU G	ICETEMT -2022 "Indian Sign Language To Speech Conversion For HSI People".	RRCE,Bangalore
21			Online Course "Presenting Data"	HP LIFE
22			Online Course "Inventory Management"	HP LIFE
23			Online Course "IT fo Business Success"	HP LIFE
24			Online Course "Effective Presentations"	HP LIFE

25	1RR18IS013	DIVYA V	KSCST “Forest Fire & Smoke Detection To Avoid Air Polution In the Forest”	KSCST
26			Online Skill Development Program on “Data Science”	Tequed Labs
27			Online Course on “Big Datat 101”	IBM Developer Skills Network
28			Participated “Capacity Building Workshop”	SVYM,Mysuru
29	1RR18IS015	GEETHANA R	Participated Internal Hackathon for Smart India Hackathon,2022”.	RRIIC,Bangalore
30			Online Course on “Java Programming”	Great learning
31	1RR18IS016	HARSHITHA M	Online Course on “Full Stack Web Development”	Tequed Labs
32			Appreciated “Digital India” by National Level Initiative of Govt. Of India	BBMP PU College for Girls
33	1RR18IS018	JAYASHREE N	Won second prize in “Innovate 2022 ”Prototype Project Exhibition”	RRIIC,Bangalore
34			Graduate Rotational Internship Program	The Sparks Foundation
35	1RR18IS019	K C VINAYKUMAR	Online Course “Effective Leadership”	HP LIFE
36			ICETEMT -2022 “IOT Based Vehicle Tracking System”	RRCE,Bangalore
37	1RR18IS020	KARTHIK S	Internal Hackathon for Smart India Hackathon, 2022”.	RRIIC,Bangalore
38			Innovate 2022 ”Prototype Project Exhibition”	RRIIC,Bangalore
39			Online Course on “Effective Presntation”	HP LIFE
40			Online Course on “Effective Leadership”	HP LIFE
41			Online Course “Business Email”	HP LIFE
42			ICETEMT -2022 “Face Recognition for ATM Transaction”	RRCE,Bangalore
43	1RR18IS021	KAVYA K	ICETEMT -2022 “IOT Based Vehicle Tracking System”	RRCE,Bangalore
44	1RR18IS023	MAHESHWARI B	Online Skill Development Program on “Artificial Intelligence & Machine Learning”	Tequed Labs
45	1RR18IS024	MEGHA R	Online course on “Introduction to statistical Analysis”	Great learning
46	1RR18IS025	MONICA H P	Online course “Base and Advance SAS”	Eduvercity
47			ICETEMT -2022 “Prognostic & Taxonomy of Cardiac Arhythmia (AI - Based)”	RRCE,Bangalore
48	1RR18IS026	NANDINI R	Internal Hackathon for Smart India Hackathon, 2022”.	RRIIC,Bangalore
49			Won 2 nd Prize in Innovate 2022 ”Prototype Project Exhibition”	RRIIC,Bangalore
50	1RR18IS027	NIKHILA S	Internal Hackathon for Smart India	RRIIC,Bangalore

			Hackathon, 2022”.	
51			Online Webinar “Innovative Career Opportunities”	RRIC,Bangalore
52			Won 2 nd Prize in Innovate 2022 ”Prototype Project Exhibition”	RRIC,Bangalore
53			Cryptocurrencies complete practical course on crypto trading	Udemy
54	1RR18IS029	NITHISH KUMAR E	The complete NFT courses: Became an NFT Creator & Investor	Udemy
55			Learn World Press Now: WordPress for Beginners	Udemy
56			ICETEMT -2022 “IOT Based Vehicle Tracking System”	RRCE,Bangalore
57			Online Courses”Python & Data Analyttics ”	DSC LEAD
58	1RR18IS030	PALLAVI S	Online Courses”Python & Data Analyttics ”	GDG,Ranchi
59			Online Courses”Python & Cyber Security ”	DSC LEAD
60			Internal Hackathon for Smart India Hackathon, 2022.	RRIC,Bangalore
61			Innovate 2022 ”Prototype Project Exhibition”	RRIC,Bangalore
62	1RR18IS031	PAVAN G	ICETEMT -2022 “Face Recognition For transaction”	RRCE,Bangalore
63			Online Course “Business Email”	HP LIFE
64			Online Course “Business Communications”	HP LIFE
65			Online Course “Effective Presentations”	HP LIFE
66	1RR18IS032	POORNIMA R	ICETEMT -2022 “Prognostic & Taxonomy of Cardiac Arrhythmia (AI - Based)”	RRCE,Bangalore
67			ICETEMT -2022 “Prognostic & Taxonomy of Cardiac Arrhythmia (AI - Based)”	RRCE,Bangalore
68	1RR18IS034	PREETHI S	Online Skill Development Program on “Artificial Intelligence & Machine Learning”	Tequed Labs.
69	1RR18IS035	R VIDYA DHARE	ICETEMT -2022 “Fetal health Status Prediction Using ML Algorithm”	RRCE,Bangalore
70			Online Course “Effective Presentations”	HP LIFE
71			Online Course “Effective Leadership”	HP LIFE
72	1RR18IS036	RAJSHEKAR K G	ICETEMT -2022 “Indian Sign Language To Speech Conversion For HSI People”	RRCE,Bangalore
73			HP LIFE Online Course “Business Email”	HP LIFE
74			Won 3 rd Prize in Innovate 2022 ”Prototype Project Exhibition”	RRIC,Bangalore

75	1RR18IS039	RESHMA GOWDA	Internal Hackathon for Smart India Hackathon, 2022".	RRIC,Bangalore
76			Online course on "OOPS in Java"	Great learning
77			Online course on "Introduction to statistical Analysis"	Great learning
78			Online course on "Cloud Foundations-Advanced"	Great learning
79	1RR18IS041	SAHANA S	ICETEMT -2022 "IOT Based Early flood detection & Alarming system for Disaster Mgmt"by RRIC	RRCE,Bangalore
80	1RR18IS042	SANDESH M S	ICETEMT -2022 "Vision Based Malware Detection"	RRCE,Bangalore
81			Innovate 2022 "Prototype Project Exhibition"	RRIC,Bangalore
82			Online course " Google Analytics for beginners"	Google Analytics Academy
83	1RR18IS043	SANJANA R	Won first prize in Innovate 2022 "Prototype Project Exhibition"	RRIC,Bangalore
84			ICETEMT -2022 "Procturing System (AI - Based)"	RRCE,Bangalore
85	1RR18IS044	SHABARISH M	ICETEMT -2022 "Face Recognition For transaction"	RRCE,Bangalore
86			Internal Hackathon for Smart India Hackathon, 2022".	RRIC,Bangalore
87			Online Course "Presenting Data"	HP LIFE
88			Online Course "Effective Leadership"	HP LIFE
89			Online Course "IT fo Business Success"	HP LIFE
90			Online Course "Effective Presentations"	HP LIFE
91			Innovate 2022 "Prototype Project Exhibition"	RRIC,Bangalore
92	1RR18IS045	SHILPA V G	Online Course on "Python 101 for Data Science"	Cognitive Class
93			Online Course"The Fundamentale of Digital Marketing"	Google
94			ICETEMT -2022 "Fetal health Status Prediction Using ML Algorithm"by RRIC	RRCE,Bangalore

95	1RR18IS047	SUKHI M S	ICETEMT -2022 “Fetal health Status Prediction Using ML Algorithm”by RRIIC	RRCE,Bangalore
96	1RR18IS048	SUSHMITHA C N	Participated & selected Best paper : ICETEMT -2022 “Procturing System (AI Based)	RRCE,Bangalore
97			Won first prize in Innovate 2022 ”Prototype Project Exhibition”	RRIIC,Bangalore
98			Online Course “Presenting Data”	HP LIFE
99			Online Course “Effective Leadership”	HP LIFE
100			Online course “How to create an animated promo video in PowerPoint “	Udemy
101	1RR18IS049	THEJASHREE S	ICETEMT -2022 “IOT Based Early flood detection & Alarming system for Disaster Management”	RRCE,Bangalore
102	1RR18IS050	TRUPTHI K V	ICETEMT -2022 “IOT Based Early flood detection & Alarming system for Disaster Management”	RRCE,Bangalore
103	1RR18IS051	VIJETHA S METI	ICETEMT -2022 “Vision Based Malware Detection” by RRIIC	RRCE,Bangalore
104			Online Course “Business Email”	HP LIFE
105			Online Course “Business Communicationsl”	HP LIFE
106			Online Course “Effective Presentations”	HP LIFE
107			Online Course “Effective Leadership”	HP LIFE
108			Innovate 2022 ”Prototype Project Exhibition”	RRIIC,Bangalore

ACADEMIC YEAR 2021-22: NPTEL Enrolled / Completed:

SL.NO	USN	NAME	EVENT NAME	DATE AND DURATION	ORGANIZING BY
1.	1RR19 IS025	NIVEDITHA V	Introduction To Internet of Things	JAN -APRIL 2022	Under SWAYAM Organized By IISC Bangalore
2.	1RR19 IS036	SHALINI K	Introduction To Internet of Things	JAN -APRIL 2022	Under SWAYAM Organized By IISC Bangalore

Sponsored Projects funded by Govt. Funding Agencies during ACADEMIC YEAR 2021-22

Sl. No	Academic year	Title of the Project	Name of the Supervisor	Funding Agency	Sanctioned Amount
1	2021 - 22	Forest Fire and Smoke Detection to avoid Air Pollution	Dr. J. Amutharaj	KSCST	5000/-
2	2021 - 22	Face Recognition system for ATM Transaction	Dr. J. Amutharaj Ms. Priyanka S	KSCST	5000/-
3	2021 - 22	Corona Virus Detection using Machine Learning	Dr R Balakrishna	VTU	5000/-
4	2021 – 22	AI based Assistant for Unsighted, Hearing Impaired and Inarticulate	Dr Neha Singhal	VTU	5000/-

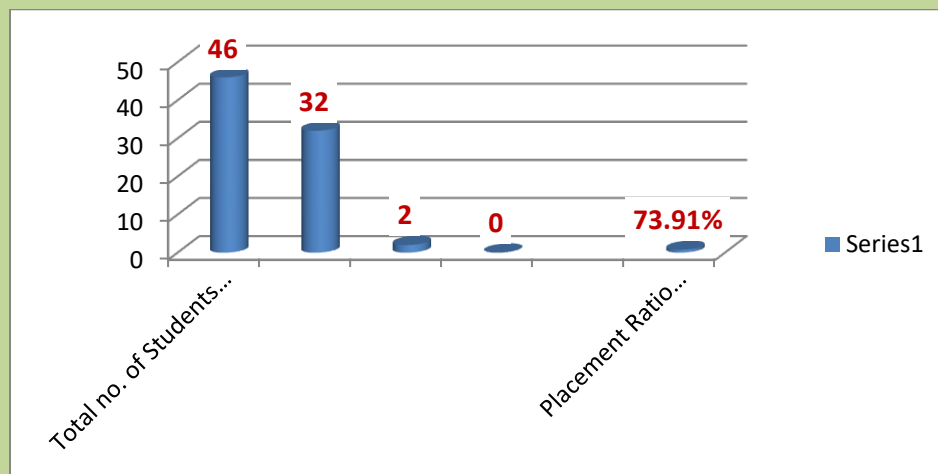
Sports Achievement:

- Brinda S (1st sem) secured Winner in 100 meter – Girls athlets
- Kullala Jayakrishna (1st sem) secured Runner in 100 meter –Boys athlets
- Brinda S (1st sem) secured 3rd Prize in Shotput –Girls
- A R Shalini(6th sem), Brinda S(1st sem) , Kavya K(8th sem) and Divyashree M L(4th sem) secured Winner in Relay Girls on college sports day.
- Sacheth N(4th sem), Preetham (1st sem) , Kullala Jayakrishna (1st sem) and Ranjith kumar G (1st sem) secured Winner in Relay Boys on college sports day.
- Niveditha V (6th sem) and Brinda S (1st sem) secured Runner up in Badminton –Girls on college sports day .
- Dept.of ISE secured Runner up in Throwball (Boys & Girls)
- Dept.of ISE secured Runner up in Kabaddi Girls

Placement & Higher Studies Details:

- ❖ Total no. of Students (N) :46
- ❖ Total no. of Placed (X) : 32
- ❖ Total no. of students admitted to Higher studies (Y) : 02
- ❖ No. of students turned Entrepreneurs (Z) : -Nil-
- ❖ **Placement Ratio ($N/X+Y+Z$):73.91%**

Placement Statistics



PLACEMENT DETAILS OF 2022 PASSED OUT BATCH

SL.NO	USN	NAME	COMPANY NAME	PACKAGE
1.	1RR18IS001	AKASH N	MINDTREE	4 LPA
2.	1RR18IS002	ALSABAH AFSHI	TCS	3.36 LPA
3.	1RR18IS003	ANUSHA K	FACE	3.6 LPA
4.	1RR18IS005	BINDUSHREE K	SAKEN TECHNOLOGIES CAPGEMINI WIPRO HEXAWARE	5 LPA 4 LPA 3.5 LPA 4 LPA
5.	1RR18IS006	C SAI KIRAN	CAPGEMINI SONATA	3.65 4 LPA
6.	1RR18IS009	CHANDANA P	CAPGEMINI HCL	4 LPA 3.65 LPA
7.	1RR18IS010	CHANDU SHRINIVAS S	STRATOAGENT	3.2 TO 3.6 LPA
8.	1RR18IS011	DEEPASHREE S RANNORE	COGNIZANT	4 LPA
9.	1RR18IS012	DEVARAJU G	WIPRO	3.5 LPA
10.	1RR18IS013	DIVYA V	CAPGEMINI	4 LPA
11.	1RR18IS014	FAISAL AHMED	NTT	NTT
12.	1RR18IS015	GEETHANA R	FACE CAPGEMINI	3.6 LPA 4 LPA
13.	1RR18IS018	JAYASHREE N	CAPGEMINI	4 LPA
14.	1RR18IS021	KAVYA K	TATA ELXSI	4 LPA
15.	1RR18IS023	MAHESHWARI B	CAPGEMINI	4 LPA
16.	1RR18IS025	MONICA H P	TCS	3.36LPA
17.	1RR18IS026	NANDINI	QUALITEST	4 LPA
18.	1RR18IS031	PAVAN G	6D TECHNOLOGIES	4 LPA
19.	1RR18IS032	POORNIMA RAVICHANDRARAO	INFOSYS	3.6 LPA
20.	1RR18IS034	PREETHI S	CAPGEMINI	4 LPA
21.	1RR18IS035	R VIDYA DHARE	QSPIDER,REVATURE	4 LPA
22.	1RR18IS036	RAJSHEKHAR K G	STRATOAGENT	3.2 LPA
23.	1RR18IS038	RASHMI N	SASKEN TECHNOLOGIES AGILE POINT	5 LPA 3.5 LPA
24.	1RR18IS041	SAHANA S	6D TECHNOLOGIES	4 LPA
25.	1RR18IS042	SANDESH M S	HEXAWARE TECHNOLOGIES	4 LPA
26.	1RR18IS043	SANJANA R	AGILE POINT SOFTWARE LIMITED	3.5 LPA
27.	1RR18IS044	SHABARISH M AITHA;	CAPGEMINI	4 LPA
28.	1RR18IS045	SHILPA V G	CAPGEMINI	4 LPA
29.	1RR18IS047	SUKHI M S	HCL	3.65 LPA
30.	1RR18IS048	SUSHMITHA C N	WIPRO	3.5 LPA
31.	1RR18IS049	THEJASHREE S	CAPGEMINI	4 LPA
32.	1RR18IS051	VIJETHA S METI	CAPGEMINI	4 LPA



Class Toppers in the Even Semester Examination of AY 2021-2022:

Sl. No	Semester	Name of the Student	% of Marks
1	IV	ANUSHA MAHESH	85.6
2		MUDASIR HASHMAT WANI	85.1
3		MANASA J	82.3
1	VI	DEEKSHITHA M	82.00
2		MONISHA K G	81.44
3		DHAWALASHREE B K	81.33
1	VIII	ALSABAH AFSHI	93.20
2		POORNIMA R	93.00
3		DEEPASHREE S	92.20

DEPARTMENT FUNDING DETAILS

Sponsored Projects funded by Govt. Funding Agencies during Last Six Academic Years 2016 – 2022

1.	2021 - 22	Forest Fire and Smoke Detection to avoid Air Pollution	Dr. J. Amutharaj	KSCST	5000/-
2.	2021 - 22	Face Recognition system for ATM Transaction	Dr. J. Amutharaj Ms. Priyanka S	KSCST	5000/-
3.	2021 - 22	Corona Virus Detection using Machine Learning	Dr R Balakrishna	VTU	5000/-
4.	2021 - 22	AI based Assistant for Unsighted, Hearing Impaired and Inarticulate	Dr Neha Singhal	VTU	5000/-

Editorial Board

- ❖ Dr. Neha Singhal, Associate Professor & Head Dept. of ISE, RRCE
- ❖ Mr.Dineshkumar M, Assistant Professor, Dept. of ISE, RRCE
- ❖ Mr. Sanjay S & Ms. Niveditha V, 4th year B.E, Dept. of ISE,RRCE