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Sri Devaraj Urs Education Trust (R-), Kolar
R L JALAPPA INSTITUTE OF TECHNOLOGY

Affiliated to VTU, Belagavi & Recognized by AICTE, New Delhi

Kodigehalli, Doddaballapur - 561203, Bangalore Rural District



SAADHANA - 23

Dreams to reality

e-news letter

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CET College Code : 116

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April - June 2023

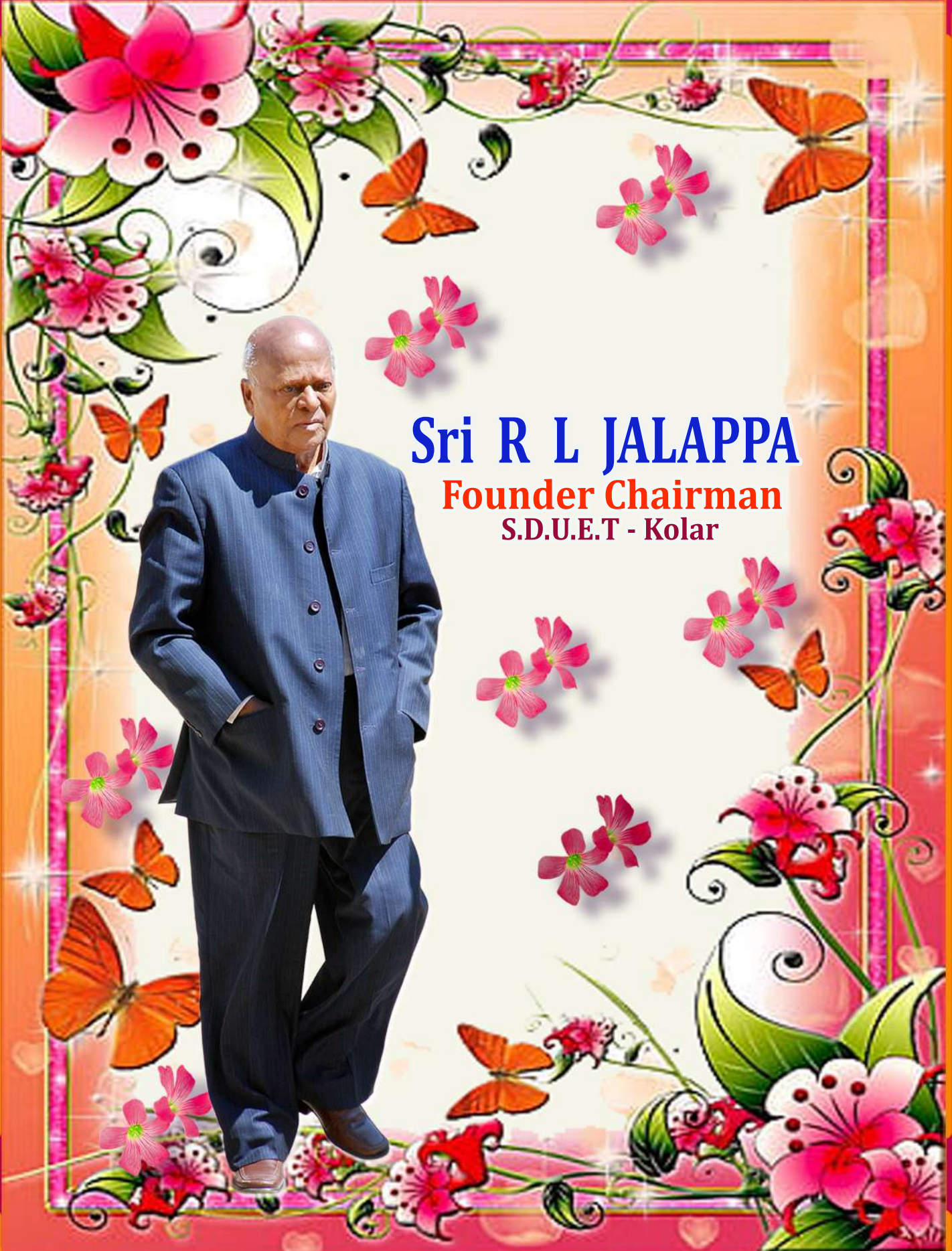


VOL.02, ISSUE.01, JULY 2023



Sri Devaraj Urs Education Trust (R.), Kolar
R L JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)
(Doddaballapur - 561 203, Bengaluru Rural District, Karnataka)



Sri R L JALAPPA
Founder Chairman
S.D.U.E.T - Kolar



Sri Devaraj Urs Education Trust (R.), Kolar

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(Doddaballapur - 561 203, Bengaluru Rural District, Karnataka)



Chairman's Message



Sri. G H Nagaraja
Chairman
S.D.U.E.T - Kolar

Publishing of a quarterly e-news letter to have the information from all the Departments and the institution is a unique initiative.

I appreciate the efforts of the concerned HoDs, staff and the principal, R L Jalappa Institute of Technology in bringing out the e-news letter.

Sri G H Nagaraja
Chairman





Sri Devaraj Urs Education Trust (R.), Kolar

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Vice-Chairman's Message



Sri. J Rajendra

Vice - Chairman

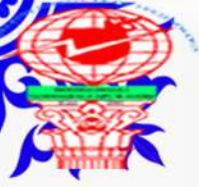
S.D.U.E.T - Kolar

**It is Indeed a great pleasure that R L Jalappa Institute of Technology
Doddaballapur, is brining out a quarterly e - news Letter highlighting the academic,
research and other activities of the Departments.**

- Sri J Rajendra

Vice - Chairman





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Secretary's Message



Sri Hanumantha Raju
Secretary

S. D. U. E. T - Kolar

I am very happy to know that R. L. Jalappa Institute of Technology is publishing quarterly e-news letter covering the news of Academic, Research and other activities of the Departments.

I take this opportunity to congratulate the Principal, all HoDs and concerned staff who are involved in this good initiative. I appreciate the e News Letter team for their wonderful initiative.

Sri Hanumantha Raju
Secretary





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Director HRM Message



Prof. Babu Reddy Nagasandra
Director, HRM

As a Director for HRM, I am excited to announce the launch of our new e-newsletter, which will provide students with valuable information and resources related to career development and job search strategies.

I encourage you to stay engaged with your college's career services office and to take an active role in your own career development. With hard work and dedication, you can position yourself for success in your chosen field.

- Prof. N S Babu Reddy
Director, HRM



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Director (Quality in Academic and R & D)
Message



Dr. Sreenivasa Reddy
Director (Quality in Academic and R & D)

It is indeed my great pleasure and privilege to share that our Institution is bringing out "e-Sadhana" a periodical news bulletin which showcases the achievements of the faculty members and encapsulated excellence / talent of the young minds.

It is quite enthralling to make a note that, a numerous value based activities have been found very significant throughout in attaining pinnacle of perfection and professionalism in all the aspects.

Hearty congratulations to the editor in chief and editorial team for their determined efforts in bringing out this in a short stint of time.

Wishing you a joy of reading...

-Dr. Sreenivasa Reddy,
Director(Quality in Academics and R&D)





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Principal's Message



Dr. P Vijayakarthish
Principal

I am delighted that the idea of bringing out an e-newsletter. We conceived less than a month ago has become a reality today ! the credit goes to all the editorial committee members and the Department coordinators who have put in their best efforts to collect the information and present in the best possible way in a very short period. The enthusiasm shown by each one of them is commendable.

Through this e-newsletter, Sadhana, we intend to collect information at the department and Institutional levels, such as aactivities conducted, student and faculty achivements, Research Paper publications, Research activities, and visitor's information etc., present it beautifully and Share it with all the stakeholders. We expect this will boost competitiveness among the Departments to be more activities in all aspects and try to perform better than the other Departments.

I am thankful to the Management for their support and wishes for this venture.

- Dr. P Vijayakarthish
Principal





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Vice - Principal's Message



Dr. Shiva Prasad K M
Vice - Principal

I am very proud to share that we have conducted lot of successful events and initiatives over the past few months. I am proud of the work that our community accomplished by bringing the news letter and the positive impact we have had. Keep up the good work.

Our Institution is having the excellence track of the results and success streak of the placements in reputed MNCs. It is a place of advancing knowledge and transforming lives with affordable fee structure with quality education with good infrastructure for for better living, pollution free environment with lavish green campus.

- Dr. Shiva Prasad K M
Vice-Principal



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Vision:

" To be a premier institution by imparting quality technical education, professional training and Research".

Mission:

Mission 1:

" To provide an outstanding Teaching, Learning and Research environment through Innovative Practices of Quality Education".

Mission 2:

" To train the students to have Professional career in the Industry, Higher Education and encouraging them to be Entrepreneurs ".





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Congratulations

It's a matter of great pleasure and pride that the below student
Have been successfully placed in

FUTURENSE



Ms. Mangala Srujana
1RL19CS056



**Hearty congratulations from the
Management, Principal, HoD's & Staff of RLJIT**





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**It's a matter of great pleasure and pride that the below student
Have been successfully placed in**



Mr. Shaik Shoib Rehman
1RL19CS090



**Hearty congratulations from the
Management, Principal, HoD's & Staff of RLJIT**



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Have been successfully placed in



Ms. Yashaswini M R
1RL19ME029



Sacha Engineering Pvt Ltd.,



Mr. Raj Varun
1RL19CS111



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Management, Principal, HoD's & Staff of RLJIT





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Have been successfully placed in

accenture
High performance. Delivered.



A N V Thukaram Rao
1RL19CS001



Mr. Abhinav Pavan
1RL19CS002



Ms. Aiswarya U
1RL19CS003



Ms. Amrutha A N
1RL19CS005



Mr. B Manojkumar
1RL19CS011



Ms. Bhavana K C
1RL19CS012



Ms. C B Manogna
Reddy
1RL19CS016



Ms. Chaithra P
1RL19CS017



Mr. Chandan M C
1RL19CS018



Ms. Chandana Yadav C
1RL19CS019



Ms. C Bhavana
1RL19CS020



Ms. Deepthi S
1RL19CS021



Ms. Dharani R
1RL19CS022



Ms. G Madhumitha
1RL19CS027



Mr. Harshavardhan S
1RL19CS031



Ms. K Vaishnavi
1RL19CS039



Ms. Lakshmi B
1RL19CS046



Ms. Mangala Srujana
1RL19CS056



Mr. Manjunath U R
1RL19CS057



Ms. Kunduru Mounika
1RL19CS060



Ms. M Jaya Sai
1RL19CS062



Ms. P Sai Susmitha
1RL19CS068



Ms. Prabhodana K
1RL19CS076



Ms. S Mehathaj
1RL19CS092



Ms. Sudeep K V
1RL19CS094



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Have been successfully placed in

accenture

High performance. Delivered.



Mr. Bharathsimha C
1RL19EC008



Ms. Chamanthi Aswini
1RL19EC011



Ms. C Anusha
1RL19EC012



Ms. D Sindhu
1RL19EC015



Mr. Darshan Gowda L
1RL18EC016



Ms. E Drakshayani
1RL19EC019



Ms. K Navyasree
1RL19EC022



Ms. K Sandhyarani
1RL19EC023



Ms. K Sandhyarani
1RL19EC024



Mr. Malle Brahma
Kumar
1RL19EC027



Ms. Monisha L
1RL19EC028



Mr. P Siddarath
1RL19EC035



Mr. S R Nikhilkumar
1RL19EC038



Ms. Sandhya B
1RL19EC039



Mr. S Sai Bhargav
1RL19EC042



Ms. T Thriveni
Sri Reddy
1RL19EC047



Mr. Varshith D P
1RL19EC050



Mr. Srinivas M R
1RL20EC401



Ms. Keerthana H S
1RL19ME013



Ms. Jahanvi K
1RL18CS148

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Management, Principal, HoD's & Staff of RLJIT



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Have been successfully placed in

 **ALLSEC TECHNOLOGIES**
BUILDING LASTING RELATIONSHIPS
A **QUEST** COMPANY



A N V Thukaram Rao
1RL19CS001



Mr. Abhinav Pavan
1RL19CS002



Ms. Aiswarya U
1RL19CS003



Ms. Amrutha A N
1RL19CS005



Mr. B Manojkumar
1RL19CS011



Ms. Bhavana K C
1RL19CS012



**Ms. C B Manogna
Reddy**
1RL19CS016



Ms. Chaithra P
1RL19CS017



Mr. Chandan M C
1RL19CS018



Ms. Chandana Yadav C
1RL19CS019



Ms. C Bhavana
1RL19CS020



Ms. Deepthi S
1RL19CS021



Ms. Dharani R
1RL19CS022



Ms. G Madhumitha
1RL19CS027



Mr. Harshavardhan S
1RL19CS031



Ms. K Vaishnavi
1RL19CS039



Ms. Lakshmi B
1RL19CS046



Ms. Mangala Srujana
1RL19CS056



Mr. Manjunath U R
1RL19CS057



Ms. Kunduru Mounika
1RL19CS060



Ms. M Jaya Sai
1RL19CS062



Ms. P Sai Susmitha
1RL19CS068



Ms. Prabhodana K
1RL19CS076



Ms. S Mehathaj
1RL19CS092



Ms. Sudeep K V
1RL19CS094



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Mr. Bharathsimha C
1RL19EC008



Ms. Chamanthi Aswini
1RL19EC011



Ms. C Anusha
1RL19EC012



Ms. D Sindhu
1RL19EC015



Mr. Darshan Gowda L
1RL18EC016



Ms. E Drakshayani
1RL19EC019



Ms. K Navyasree
1RL19EC022



Ms. K Sandhyarani
1RL19EC023



Ms. K Sandhyarani
1RL19EC024



Mr. Malle Brahma
Kumar
1RL19EC027



Ms. Monisha L
1RL19EC028



Mr. P Siddarath
1RL19EC035



Mr. S R Nikhilkumar
1RL19EC038



Ms. Sandhya B
1RL19EC039



Mr. S Sai Bhargav
1RL19EC042



Ms. T Thriveni
Sri Reddy
1RL19EC047



Mr. Varshith D P
1RL19EC050



Mr. Srinivas M R
1RL20EC401



Ms. Keerthana H S
1RL19ME013



Ms. Jahanvi K
1RL18CS148

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Have been successfully placed in



Ms. C B Manogna Reddy
1RL19CS 016



Ms. Chandana Yadav C
1RL19CS 019



Ms. Dharani R
1RL19CS 022



Ms. K Vaishnavi
1RL19CS 039



Ms. Srujana
1RL19CS 056



Mr. Prashanth Kumar
1RL19CS 077



Ms. S Muskan
1RL19CS 085



Mr. Shaik Shoaib Rehman
1RL19CS 090



Ms. Shreya
1RL19CS 091



Ms. S. Mehathaj
1RL19CS 092



Mr. Sudeep K V
1RL19CS 094



Ms. T Sai Kavya
1RL19CS 096



Ms. Tejaswini S
1RL19CS 098



Ms. Thabitha Sheeba
1RL19CS 099



Mr. Darshan Gowda L
1RL19EC 016



Ms. Navyashree K
1RL19EC 022



Ms. Kavitha K
1RL19EC 024



Ms. Shwetha Padaki
1RL19EC 040



Mr. S Sai Bhargav
1RL19EC 042



Ms. T Thriveni Sai Reddy
1RL19EC 047



Mr. Varshith D P
1RL19EC 050

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Congratulations!



It's a matter of great pleasure and pride that the below student



Ms. Chaithanya
1RL19CS008



Ms. Chandana yadav C
1RL19CS019



Ms. Dharani
1RL19CS022



Ms. Madhumitha
1RL19CS027



Mr. K Nikhil
1RL19CS040



Ms. Niharika
1RL19CS042



Mr. M Veda Siva Sai Kumar
1RL19CS055



Ms. Srujana
1RL19CS056



Mr. P Chandra Shekar
1RL19CS079



Mr. Sree Harsha
1RL19CS086



Ms. Mehathaj
1RL19CS092



Mr. T Upendra Reddy
1RL19CS097



Mr. Gattu Sainath
1RL18CS030



Mr. Golla Sudarshan
1RL18CS034



Mr. Keerthi Chandra
1RL18CS051



Mr. Pavan Kumar A
1RL18CS086



Mr. Aravind
1RL18ME030



Mr. Harsha Vardhan Reddy
1RL19ME008



Mr. Bayappu Reddy
1RL19ME020



Ms. C Anusha
1RL19EC012



Mr. C Shankar Kumar Reddy
1RL19EC014



Ms. E Drakshayani
1RL19EC019



Mr. Malle Brahma Kumar
1RL19EC027



Mr. Likith Kumar Reddy
1RL19EC033



Mr. Y Naresh Kumar Reddy
1RL19EC053

Has been successfully placed in



As Associate - Career Counselling

Hearty congratulation from the :- Management, Principal, HoD's & Staff of RLJIT

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Congratulations!

It's a matter of great pleasure and pride that the below students



Ms. G Charishma
1RL19CS 025



Mr. Rajashekar Reddy
1RL19CS 038



Ms. Nelluri Manasa
1RL19CS 067



Mr. P Gari Tejaswar Reddy
1RL19CS 073



Mr. Roshan Sab B
1RL19CS 084



Ms. Shreya
1RL19CS 091



Mr. Zafeer Mehadi
1RL19CS 110



Mr. K Vamshi Krishna Reddy
1RL19EC 025

Has been successfully placed in



AS SOFTWARE ENGINEER

Hearty congratulation from the

Management, Principal, HoD's & Staff of RLJIT





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CONGRATULATIONS



It's a matter of great pleasure and pride that the below students



Ms. Konduru Indu Asitha
1RL19CS043



Ms. Nelluri Manasa
1RL19CS067



Ms. T Lakshmi Vaishnavi
1RL19CS101



Ms. T Thriveni Sai Reddy
1RL19EC047



Mr. Varshith D P
1RL19EC050

Has been successfully placed in



TuringMinds **Ai**

As Associate System Engineer

Hearty congratulation from the
Management, Principal, HoD's & Staff of RLJIT



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T O P P E R

Toppers of First semester for the Academic Year 2022 - 23

DEPARTMENT OF ALLIED SCIENCES

PHYSICS CYCLE (CSE STREAM)



Mr. Vadde Sreekanth
1RL22CD056
Total : 687
SGPA : 9.00 / 10



Mr. Rishabreddy
1RL22CI046
Total : 673
SGPA : 9.00 / 10



Ms. Sahana K
1RL22CD044
Total : 653
SGPA : 8.85 / 10

PHYSICS CYCLE (EEE STREAM)



Mr. Mahammad Thaheer
1RL22EC052
Total : 629
SGPA : 8.45 / 10



Ms. Harshitha C
1RL22EC020
Total : 604
SGPA : 8.05 / 10



Ms. Harshitha N
1RL22EC021
Total : 598
SGPA : 8.00 / 10

CHEMISTRY CYCLE



Ms. Deepthi R Gowda
1RL22CS026
Total : 714
SGPA : 9.65 / 10



Ms. Harshitha C S
1RL22CS043
Total : 699
SGPA : 9.60 / 10



Mr. Bukkapatnam Subhash
1RL22CS017
Total : 671
SGPA : 9.25 / 10





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TOPPER

Toppers of the III semester for the Academic year 2022 - 23

Department of Electronics & Communication Engineering



Mr. G Praveen Kumar
1RL21EC037
Marks : 741 / 800
SGPA 9.61 / 10



Ms. Yashaswini B S
1RL21EC122
Marks : 751 / 800
SGPA 9.50 / 10



Ms. R Nikitha
1RL21EC089
Marks : 747 / 800
SGPA 9.38 / 10

Department of Computer Science Engineering



Ms. Lekhana S
1RL21CS125
Marks: 722/800



Ms. Chilamakuri Kusuma
1RL21CS024
Marks: 718/800



Mr. Manodarshan
1RL21CS066
Marks: 702/800

Department of Mechanical Engineering



Mr. Naveenkumar Y M
1RL21ME005
Marks: 678/800



Mr. Nithish K
1RL21ME007
Marks: 637/800



Mr. KIRAN K
1RL22ME404
Marks: 631/800

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T O P P E R

Toppers of the VIII semester for the Academic year 2022 - 23

Department of Electronics & Communication Engineering



Ms. Sandhya B
1RL19EC039
Marks : 469 / 500
SGPA 9.83 / 10



Ms. Batta Sivajyothi
1RL19EC007
Marks : 468 / 500
SGPA 9.67 / 10



Ms. T Thriveni Sai Reddy
1RL19EC047
Marks : 452 / 500
SGPA 9.67 / 10

Department of Computer Science Engineering



Ms. Konduru Indu Asitha
1RL19CS043
Marks: 473/500



Ms. Tejaswini S
1RL21CS098
Marks: 472/500



Mr. Shaik Shoiab Rehman
1RL21CS090
Marks: 463/500

Department of Mechanical Engineering



Ms. Keerthana H S
1RL19ME013
Marks: 462/600
SGPA 9.66 / 10



Mr. Sathya Kishore
1RL19ME030
Marks: 460/600
SGPA 9.30 / 10



Mr. Mahendra Varma
1RL20ME400
Marks: 459/600
SGPA 8.90 / 10

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TECHNICAL FEST

Our college students won cash prizes in 18th Karnataka State Level ISTE Student Convention jointly organized by Indian Society of Technical Education (ISTE) and also associated with Visveswarya Technological University, Belgavi, which is a technical Fest organized in Vemana Institute of Technology.



Mr. Abhishek, VI semester Department of CSE won First prize in code debugging event and won Rs. 2000/- Cash prize amount with Certificate.



Mr. Abhishek, VI semester Department of CSE won Second prize in poster making event and won Rs. 1000/- cash prize with Certificate.



Ms. Ruchitha Ram, VI semester Department of CSE and **Mr. Darshan Gowda L**, VIII semester ECE won First Prize in Minute to win event and received Rs. 2000/- cash prize with Certificate.





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NSS UNIT

- The NSS unit has organized "Vana Mahotsava" at RLJIT Campus, Doddaballapur on 5th June 2023. The program was inaugurated by Dr. P Vijayakarthish, Principal RLJIT & Dr. M. Sreenivasa Reddy Director (Quality in Academic and R & D) at 2.00p.m.

Prof. BabuReddy N S, Director HR&M, RLJ Group of Institutions, Dr. Shiva Prasad K M, Vice Principal RLJIT, All HoD's, NSS officer Mr. Shashidhar S N, Teaching and Non-Teaching staff and around 50 Student volunteers part in the event.



* The NSS unit has organized a "international Yoga Day" on 21st June 2023 at 11:30 AM in Dr. A P J Abdul Kalam Seminar Hall, RLJIT campus, Doddaballapur. The Program was inaugurated by Sri. J Rajendra, vice chairman Sri Devaraj Urs Educational Trust and Dr. P Vijay Karthik, Principal R L Jalappa Institute of Technology, Doddaballapur.

Dr. m Sreenivasa Reddy, Director (Quality in Academics and R & D), Dr. Shiva Prasad K M, Vice - Principal, RLJIT, All HoD's NSS officer Mr. Shashidhar S N, All Teaching and Non-Teaching staff and around 100 students actively took part in the event.



INTERNAL QUALITY ASSURANCE CELL (IQAC)

* IQAC organized One Day workshop on " Overview of Mobile Technology " presented by Sanjay K Nagendra, Senior Consultant, SARD division, SONY india Software Center Private Limited Bengaluru, on 3rd April 2023.



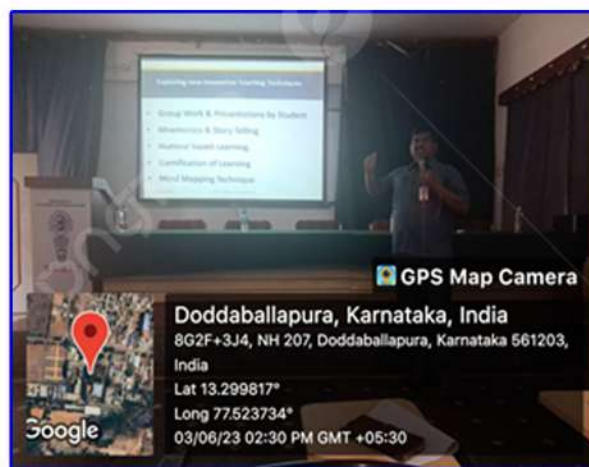


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* IQAC organized One Day workshop on “ **Innovative Teaching Methodology** ” presented by **Dr. P Vijaya Karthik**, Principal, RLJIT on 3rd June, 2023



* IQAC conducted “ **Academic audit** ” on 20 June, 2023 with external member, **Mr. Gowtham B** Assistant Professor Department of Civil Engineering, Sai Vidhya Institute of Technology, Bengaluru.



EXTERNAL NAAC MOCK INSPECTION (VISIT)

With the help of RLJIT NAAC committee we conducted the second round NAAC documents Verification by External NAAC expert **Dr. Murugan B S**, Kumarasamy College of Engineering, Tamilnadu on 24/06/2023 Saturday.

The expert thoroughly checked all the soft and hard copies of all the concerned criterions of NAAC and suggested to do final corrections as per the NAAC requirements. He also evaluated and declare The Institutional grade with B as on 24 / 06 / 2023.

He also expressed his feeling that institution can get A grade with external peer committee if we work hard together towards all criterions.





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FAREWELL FOR 2022-23 PASSED OUT STUDENTS

On 29/5/2023 the department of E & CE organized a farewell party for 2022-23 outgoing students.



PROJECT EXHIBITION

Project Exhibition was conducted on 12th May, 2023 for VIIIth Semester Electronics and Communication Engineering students. For this event Dr. P. Vijayakarhik, Principal, Dr. K. M. Shivaprasad, Vice-Principal, Prof. N. S. Babu Reddy, Director (HRM) were present. Four innovative projects were identified and appreciation certificates were issued for the students.



INDUSTRIAL VISIT

* An industrial Visit was organised for the sixth semester students of Electronics and Communication Engineering of R L Jalappa Institute of Technology, in collaboration with UNDP. The visit was conducted in SAP Labs, White Field Bengaluru.





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INDUSTRIAL VISIT

“ INDIAN INSTITUTE OF ASTROPHYSICS ”

*An industrial Visit was organised for the fourth semester students of Electronics and Communication Engineering of R L Jalappa Institute of Technology, Doddaballapur to the “Gauribidanur Radio Observatory”.





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SDP/FDP CONDUCTED

* A five day workshop on “Latest trends in active phase array antenna technology for Radar application” is organized by Department of E&CE, in association with IETE Student chapter from 13th June, 2023 to 17th June, 2023. In the department of E&CE Under the supervision of Dr. Anilkumar C, HoD, Department of E&CE.

The Dignitary Dr. Veersingh Gangwar, Scientist – F, DRDO - LRDE, Dr. P Vijaykarthik, Principal, RLJIT, Dr. Shiva Prasad K M, Vice- Principal, Dr. Anil Kumar C , HOD, Department of E&CE, RLJIT



* A five day workshop on “Entrepreneurship and Innovation Career” is organized by Department of E&CE, in from 26th June, 2023 to 1th July, 2023. In the department of Electronics and Communication Engineering under the supervision of Dr. Anilkumar C, HoD, Department of E&CE.



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**





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ACHIEVEMENT

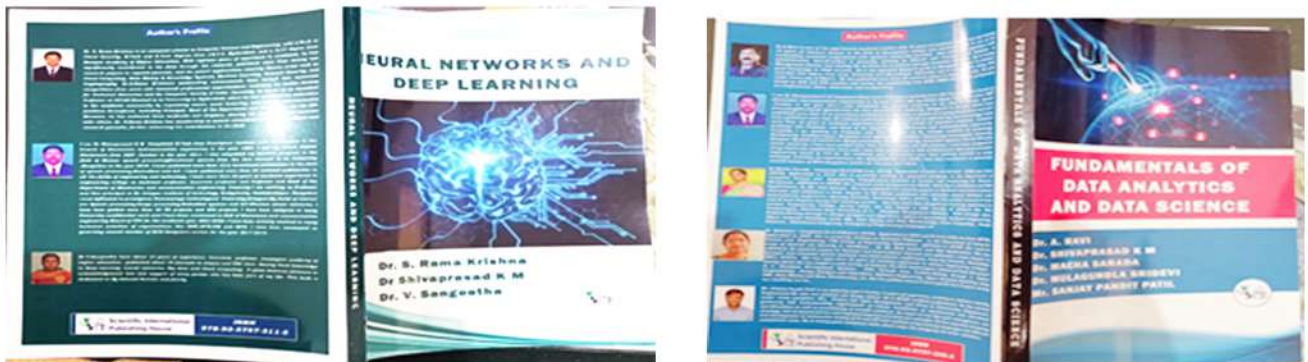
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENT

Book Published

Dr. Shivaprasad K M has published two books titled

- * Fundamental of Data Analytics and Data Science
- * Neural Network and Deep Learning



Reviewer

- * **Dr. Anil Kumar C** has reviewed an article for AICTE sponsored IEEE International Conference on Networks, Multimedia and Information Technology. Which was organised at Nitte Meenakshi Institute of Technology, Bengaluru.

Publication of Paper

- * **Prof. Shilpakala V**, has published a research paper titled “Neural Network based Alphabet Recognition at higher frequency of 60GHz.

Patents Filed

- * **Dr. Shivaprasad K M**, has registered a design patent entitled “ Biosensor device to detect lung cancer using Machine learning” dated on 09/03/2023
- * **Dr. Anilkumar C**, has filed a Canadian Patent on “ Python model for Electric Vehicle Energy Consumption”
- * **Dr. Anilkumar C** has published a Indian Patent on “An online energy management system for industrial microgrid using hybrid deep learning”.

MOU's

- * MoU was signed by **Mr. Nagesh**, Training Head, Entuple Technologies with the Department of Electronics and Communication Engineering.





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DEPARTMENT OF ELECTRONICS ELECTRONICS AND COMMUNICATION ENGINEERING

FDP/SEMINARS/WORKSHOPS ATTENDED

SL No.	NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
1	Dr. Anil Kumar C	FDP On "Innovation in Engineering Arena Connected with Industry 4.0"	Department of Mechanical Engineering, R L Jalappa Institute of Technology, Doddaballapur	17 th to 21 st April, 2023	R L Jalappa Institute of Technology, Doddaballapur
2	Dr. Shivaprasad K M				
3	Dr. Madhuchandra G				
4	Dr. Harish S				
5	Mrs. Shilpakala V				
6	Mr. Vijaykumar				
7	Mr. Nandish N				
8	Ms. Aarthi V				
9	Mr. Manjesh N				
10	Mrs. Lavanya Vaishnavi D A				
1	Dr. Madhuchandra G	FDP on "Introduction to Internet of Things (IOT)"	SJCIT, Chikkaballapur.	18 th to 24 th May, 2023	VIRTUAL MODE
2	Dr. Anil Kumar C				
3	Dr. Harish S				
4	Mrs. Lavanya Vaishnavi DA				
1	Mrs. Shilpakala V	National level seminar on "Innovation and IPR"	Sri Venkateshwaara College of Engineering Bengaluru	30 th June 2023	VIRTUAL MODE

Mrs. Lavanya Vaishnavi D A has completed a MOOC course on "The complete MATLAB course for wireless communication engineering" in UDEMY on 18th June 2023.





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Student Achievements



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ms. Divyashree M A (1RL20EC008), Mr. K Karthikeya (1RL20EC009), Mr. Uppu Pavan sathish (1RL20EC023) won First Place Hackathon-2023, organized by Department of CSE, RLJIT on 28-06-2023.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACTIVITIES CONDUCTED:

FAREWELL FOR 2022-23 PASSED OUT STUDENTS

On 29/5/2023 the department of CS&E organized a farewell party for 2022-23 outgoing students. The event was cherished by Mr. Pranav Sathish a well-known Keyboardist in Kannada film Industry.



HACKATHON

On 28/6/2023, the department of CS&E organized a event called Hackathon, which is a platform for students to demonstrate their project ideas and explore their coding skills. Around 50 members from various colleges registered for the event.





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FACULTY ACHIEVEMENTS

Dr. P Vijayakarhik, Principal, RLJIT was selected as a Reviewer in the AICTE sponsored international conference on “Applications of AI, ML, DL Big data on Recent Societal issues (ICARSI-23) during 21st and 22nd April 2023.

Call for Book Chapters/Research Papers for Edited Book
To be published with ISBN under IIP International Publishers, USA & India

**Futuristic Trends in
Network & Communication Technologies**



Series Editors:

- Dr. Murali G**
Professor & Head
Department of Computer Science and Engineering
R. L. Jalappa Institute of Technology,
Doddaballapur, Bengaluru, Karnataka, India.
- Dr. Rekha M S**
Assistant Professor
Department of Computer Science
Doddaballapur, Bengaluru, Karnataka, India.
- Dr. Nisha K S**
Asst. Prof
Department of Engineering and Technology
Nitte Meenakshi Institute of Technology,
Bengaluru, India.
- Dr. Nisha Kishore**
Asst. Prof. in ECE
Department of ECE
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Important dates:
Final submission date: 30th April 2023
Final submission date: 30th April 2023
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Final submission date: 30th April 2023

IIP Series
www.iipseries.org

Dr. Murali G, Professor and Head of CS&E has been recognized as a Research Paper editor in IIP series.

Prof. Rekha M S was represented as a faculty coordinator for making students to participate in International Project Innovation Challenge for the students and young professionals-IEEE YESIST 1: Kaushalya Open House Project Expo-2023 organized by Nitte Meenakshi Institute of Technology, Bengaluru on 4th May 2023.

Prof. Rekha M S was represented as a faculty coordinator for making students to participate in 18th Karnataka State level ISTE Student Convention jointly organized by Indian Society of Technical Education (ISTE), associated with Visveswaraya Technological University, Belgaum which is a technical Fest Organized in Vemana Institute of Technology, Bangalore on May 6th 2023.





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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

ACHIEVEMENT

FDP/SEMINARS/WORKSHOPS ATTENDED

Name	Title	Name of the Organizer	Date	Venue
Prof. Rekha M S Prof. Pooja B M	AICTE-VTU Joint teachers Training programme on "Introduction to Internet of Things (IoT)"	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli Chikkaballapur	17 th to 21 st April 2023	VIRTUAL MODE
Prof. Pooja B M Prof. Darshana A	Innovation in engineering arena connected with industry 4.0	R. L. Jalappa Institute of Technology, Doddaballapur.	17 th to 21 st April 2023	VIRTUAL MODE
Dr. P Vijayakarthish Prof. Rekha M S Prof. Pooja B M	AICTE-VTU Joint Teachers Training Programme on "Robotics & Artificial Intelligence"	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli	24 th to 28 th April 2023	VIRTUAL MODE
Prof. Pooja B M	AICTE-VTU Joint teachers Training programme on "Introduction to Cyber Security"	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli	22 nd to 26 th May, 2023	VIRTUAL MODE
Prof. Pooja B M	AICTE-VTU Joint teachers Training programme on "Smart Materials & Systems"	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli	29 th May to 2 nd June, 2023	VIRTUAL MODE
Prof. Pooja B M	AICTE-VTU Joint teachers Training programme on "Fundamentals of Data Science & Analytics"	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli,	5 th to 9 th June 2023	VIRTUAL MODE
Prof. Pooja B M	AICTE-VTU Joint teachers Training programme on "Electronics Circuit design using Lab View"	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli,	12 th to 16 th June, 2023	VIRTUAL MODE
Prof. Deepak B L Prof. Pooja B M Prof. Darshana A Prof. Praveen S R Prof. Yashwanth	One day National Level Seminar on "Innovation and IPR"	SVCE, Bangalore	30th June, 2023	VIRTUAL MODE





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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING PUBLICATIONS

SL No.	Name of the Faculty	Paper Title	Paper published in International Journal / Conference	Journal Name
1	Dr. P Vijaya Karthik	Intelligent Chat Bots: An AI Based Chat Bot for Better Banking Applications.	International Conference	IEEE
		Implementation of 3- Level Security System Using Image Grid Based Authentication System	International Conference	IEEE
		Pc Automation Using Hand Gestures	International Conference	IEICRICCMEE
		Real Time Facial Emotion Recognition using Deep Learning and CNN	International Conference	IEEE
		Intelligent Digital Gram Panchayath System for Providing E-Services Schemes for Common People	International Conference	ICRICCM
		IoT Based Smart Home Automation		BIOGECKO
2	Dr. Murali G	IoT based solar powered Agribot for Modern Agricultural Applications	International Journal	Section A-Research paper, European Chemical Bulletin (Q3 Journal)
3	Dr. Manjunath B N	Identification of Plant Leaf Disease	International Journal	IJRAR
4	Dr. Manjunath B N & Prof. Rekha M S	Software flaw using a Supervised Machine Learning Algorithm to Predict Bugs	International Journal	IJRAR.ORG
		Study of Blended learning of Artificial Intelligence in Cyber Security	International Conference	ICICIC-2023
		IPv4-IPv6 Impact on IoT	International Conference	ICICIC-2023
5	Prof. G M Anand Reddy	Cyber Threat Intelligence Sharing: Enhancing Collective Defense against Advanced Cyber Attacks	International Journal	IJARASEM
6	Prof. Basavaraj S Pol	Detecting of phishing websites using Machine Learning	International Journal	IJRAR
7	Prof. Vinay Kumar Y B	Rainfall Prediction Using Machine Learning	International Journal	IJRAR
		Empirical Analysis for Crime Prediction And Forecasting Using Machine Learning And Deep Learning	International Journal	IJRAR
8	Prof. Manju Bhargavi D	Detection of Autism Spectrum Disorder Using Machine Learning	International Journal	IJRAR
9	Prof. Pooja B M	Effective Heart Disease Prediction Using Neural Networks	International Journal	IJRAR
10	Prof. Deepak B L	Real time image segmentation for self-driving cars using deep Learning	International Journal	IJRAR
11	Prof. Veena K	Smart Agriculture using Internet of Things: A Survey	International Journal	IJCRT
		Pests Detection Using Convolution Neural Networks	International Journal	JECA
		An Automated Fertilizer Intimation System using Colorimetry Principle	International Journal	CEJ
12	Prof. Iliyz Pasha	Electrocardiographic Analysis of Heart Diseases Using Deep Learning	International Journal	IJRAR
13	Prof. Suma	Hate Speech Detection in Social Media	International Journal	IJRAR
14	Prof. Darshana A	Prediction of Heart Disease by Machine Learning and Deep Learning	International Journal	IJRAR
15	Prof. Praveen S R	Amazon Product Sentiment Analysis based on online reviews	International Journal	IJRAR



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

STUDENT ACHIEVEMENTS

Satya Tulasi Jalandhar C H, M. Harsha Vardhan Reddy, Ranjith Kumar T R, Manohar B (Team 1) with project title “AGRI NEWS” and P. Hema Sathwika, A. Sireesha, C. Hema Krishna Chaitanya, Heena Khanam K(Team 2) with project title “JAN SANKALP”, VI Semester, Dept. of CS&E presented their projects in International Project Innovation Challenge for the students and young professionals- IEEE YESIST 12: Kaushalya Open House Project Expo-2023 organized by Nitte Meenakshi Institute of Technology, Bengaluru on 4th May 2023.

They received the participation certificates for their excellence in presenting their ideas.



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DEPARTMENT OF MECHANICAL ENGINEERING

ACHIEVEMENT

ACTIVITIES CONDUCTED:

FDP CONDUCTED

One Week Faculty Development Program on Innovation in Engineering Arena Connected with Industry 4.0 from 17th to 21st April, 2023 by the department of mechanical engineering. The session started with inaugural function at 10:30 am in Mechanical seminar hall. The resource persons were Dr. Srishail Kakkere an industrialist, **Dr. M Sreenivasa Reddy**, Professor of ME, RLJIT, **Dr. Vijay Kumar S**, Associate Professor of ME, NMIT Bangalore, **Dr. Batluri Tilak Chandra**, Assistant Professor of ME, SSIT, Tumkuru, **Dr. Ashwin Gowda**, Assistant Professor of ME, VTU, Muddenahalli, Dr. Narayana B Doddapattar, Former Principal Cambridge Institute of Technology, Dr. Sunil S, Associate Professor and Head of ME, SVCE Bangalore, Prof. Srinivasa Chari, Assistant Professor of ME, AIT Bangalore.

Convenors of the program were Dr. Hanumanthe Gowda & Dr. Sunil Kumar K and Co- Convenor **Dr. Kumaraswamy J.**





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DEPARTMENT OF MECHANICAL ENGINEERING

PROJECT EXHIBITION

Department of Mechanical Engineering organized project Exhibition for 8th semester on 23rd May 2023.



MOU'S

- * MOU with ARRAY PACKAGING AND POWER TOOLS
- * MOU with ELEMECH ENGINEERING SOLUTION.
- * MOU with SRINIKA INDUSTRIES
- * MOU with FASER ENGINEERING.





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DEPARTMENT OF MECHANICAL ENGINEERING

FAREWELL FOR 2022-23 PASSED OUT STUDENTS

Department of Mechanical Engineering organized ROYAL USTAVA, farewell for 8th semester on 30th May, 2023.



INDUSTRIAL VISIT

Awareness program on Food processing and Packaging AICTE activity points program for 8th semester students on 13th May 2023



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DEPARTMENT OF MECHANICAL ENGINEERING



ACHIEVEMENT



FACULTY ACHIEVEMENT



Mr. Harish R S under the guidance of **Dr. M Sreenivasa Reddy** successfully defended his Ph.D. viva voce on the topic "Evaluation of Mechanical & Tribological Properties of AI Based Hybrid Composites" on 15/06/2023 registered in VTU.



Dr. Kumaraswamy J

Reviewer

1. Dr. Kumaraswamy J served has reviewed 4 papers for Materials Today: Proceedings, Elsevier.
2. Dr. Kumaraswamy J has reviewed 4 papers for the MDPI journals in the period 2022–2023 Materials and Sustainability journals.
3. Dr. Kumaraswamy J served as a reviewer for Evergreen Journal.
4. Dr. Kumaraswamy J served as a reviewer for IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC-2023) organized by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad, 16th to 17th June-2023.

Session Chair

1. Dr. Kumaraswamy J for being a Session Chair in Two Days National Conference on Emerging Trends in Engineering, Technology and Management from 26th -27th April 2023 in Cambridge Institute of Technology, Bengaluru.
2. Dr. Kumaraswamy J selected as Research supervisor from Visvesvaraya Technological University.

Research Publication

1. The citations for Published Research Journal Papers of Dr. Kumaraswamy J have reached 350, with an H-index of 11 and an I-index of 13.
2. Dr. Kumaraswamy J et al. "Solid Particle Erosion Performance of Multi-layered Carbide Coatings (WC-SiC-Cr₃C₂)". Evergreen Journal, Volume 10, Issue 2, June 2023, Page No. 1-6. <https://doi.org/10.5109/6781079>, (Indexed by Web of Science, Scopus and impact factor 3.60).

Patents Filed

1. Dr. Kumaraswamy J et al. filed a Design Patent "Agricultural Machinery to Remove Excess Water from Crop Field".
2. Dr. Kumaraswamy J et al. filed a Design Patent "Water Filtration and Cooling System".
3. Dr. Sunil Kumar K sixth patent has been accepted, published in Indian patent office "Artificial Intelligence based technique for fault alarms and poor performance analysis in hybrid electric vehicles based on hydraulic technology". Waiting for the grant. Publication number- 202341035297. 2023

Invited talks:

1. Dr. Sunil Kumar K delivered an invited talk on "Classroom to Corporate" for the 3rd year students as a part of alumni series talk conducted on 13/05/2023 at RLJIT, Doddaballapur.
2. Dr. Sunil Kumar K delivered an invited talk on "Process Design and Development" at Cambridge Institute of Technology-NC, Bangalore on 07/06/2023.





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DEPARTMENT OF MECHANICAL ENGINEERING



ACHIEVEMENT



FDP/SEMINARS/WORKSHOPS ATTENDED

Sl. No	NAME	TITLE			
1	Dr. M Sreenivasa Reddy.	FDP On "Innovation in Engineering Arena Connected with Industry 4.0"	Department Of Mechanical Engineering R L Jalappa Institute Of Technology, Doddaballapur	17 th to 21 st April 2023	R L Jalappa Institute of Technology, Doddaballapur
2	Dr. Hanumanthe Gowda				
3	Dr. Suchendra K.R.				
4	Dr. K G Srinivas				
5	Dr. Sunil kumar K				
6	Mr. Raghavendra Prasad				
7	Dr. Lokesh Yadhav B R				
8	Dr. Harish R S				
9	Mr. Vinay A N				
10	Mr. Nagesh H C				
11	Dr. Gowri Shankar T.P				
12	Mr. Lakshminarayana T H				
13	Mrs. Shilpa T V				
14	Dr. Kumarswamy J				
1	Dr. Gowri Shankar	Teachers Training Program "Introduction to Internet of Things (IoT)"	VTU Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur - 562101	17 th to 21 st April 2023	VIRTUAL MODE
2	Mr.Lakshminarayana T H				
1	Dr. Kumarswamy J	FDP On "Robotics & Artificial Intelligence"	VTU Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur - 562101	24 th to 28 th April 2023	VIRTUAL MODE
2	Mr.Lakshminarayana T H				

DEPARTMENT RESEARCH SCHOLARS DETAILS

* **Prof. Arun R**, Department of Mechanical Engineering, Sai Vidhya Institute of technology, Rajanukunte enrolled to Ph.D. program under VTU, Belagavi under the guidance of **Dr. Hanumanthe Gowda** research topic on Evaluation of Mechanical and Tribological properties of as-cast and heat treated Al-Si-Mg alloy based Boron carbide reinforced composite in May 2023.

STUDENT ACHIEVEMENTS

Students **Prakash P K**, **Keerthana**, **Yashaswini M R**, **Vinay kumar B** of 8th semester mechanical Engineering won best project award under the category of design engineering under the guidance of **Dr. Hanumanthe Gowda** in state level student level exhibition competition organized by Department of mechanical engineering and department of robotics and artificial intelligence, Bangalore institute of technology Bengaluru, in association with BIT-IWS Student Forum held on 8th May 2023.





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ACTIVITIES CONDUCTED:

INDUCTION PROGRAMME

The II phase of the induction for the II semester students was scheduled from
Date. 25/05/2023 to 27/08/2023.

Day-1: Inauguration and Personality Module sessions (25 / 05 / 2023, Thursday)

The inauguration of the induction program was conducted on 25th May 2023. The inaugural session started with invocation and lighting the lamp at 10:00AM in E&CE Seminar hall. The dignitaries present was Dr. M Sreenivasa Reddy, Director (Quality in Academics & R&D), RLJIT,

Dr. P Vijayakarthish, Principal, RLJIT, Prof. Babureddy N S, Director HRM and Professor Thirumalesh, Head, Department of Allied Sciences, RLJIT. All the heads of the other departments, first year staff and students were present.

After the formal inauguration the Principal Dr. P Vijayakarthish, presented a talk on basic concepts and applications of Artificial Intelligence and Machine learning. In the afternoon session. Prof. Babu reddy N.S., Director HRM and Placements took a session on "Importance of placement training and personality development".



DEPARTMENT OF ALLIED SCIENCE ENGINEERING



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DEPARTMENT OF ALLIED SCIENCE ENGINEERING

ACTIVITIES CONDUCTED:

INDUCTION PROGRAMME

Day-2: Personality, Familiarisation and Proficiency modules (26 / 05 / 2023, Friday)

On 26/05/2023, the session started with welcome address by the head of the department. The session continued with a talk on "Career Goals – an overview" by Dr. M Sreenivasa Reddy, Director (Quality & Research and Development), RLJIT, Doddaballapur. Next the session continued by Dr. Thirumalesh, HoD of Allied Sciences, on an orientation program on 2022 scheme and VTU regulations. The session concluded with the vote of thanks by Prof. Thirumalesh.



Day-3: Personality Module III and IV (27 / 05 / 2023, Saturday)

On 27/05/2023, the session started with welcome address by the head of the department. The session continued with "Activities on personality development and soft skills" by training and placement department. The session concluded with the vote of thanks by Dr. Thirumalesh.





Sri Devaraj Urs Education Trust (R.), Kolar

R L JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

(Doddaballapur - 561 203, Bengaluru Rural District, Karnataka)



ACHIEVEMENT

DEPARTMENT OF ALLIED SCIENCE ENGINEERING

FACULTY ACHIEVEMENT



Mr. Thirumalesh is provisionally awarded the degree of Doctor of Philosophy (Ph.D) in “Physics” for the thesis entitled “**Studies on Effects of Shock Wave Impacts on Structural Changes Poly Vinyl Alcohol**” under the guidance of **Dr. H M Somashekarappa**, Retired Professor & Head, Centre-in-charge, USIC & CARRT, Mangalore University.

FDP/SEMINARS/WORKSHOPS ATTENDED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Ms. Kavya S R	FDP On “Advanced Functional Materials for Science & Engineering -2023 (AFMSC)”	Department of Chemistry, Don Bosco Institute of Technology, Bengaluru.	15 th to 19 th April, 2023	VIRTUAL MODE
Mrs. Hemalatha B R Mrs. Meenakshi H Mrs. Aruna R Mrs. Reshma S R Mr. Shashidhar S N Mr. Madhu N R	FDP on “Introduction to Internet of Things (IOT)”	VTU, VIAT, Muddenahalli, Chikkaballapur.		VIRTUAL MODE
Mrs. Sujatha V Mrs. Hemalatha B R Mrs. Meenakshi H Mrs. Aruna R Mrs. Reshma S R Ms. Kavya S R Mr. Shashidhar S N Mr. Madhu N R	FDP On “Innovation in Engineering Arena Connected with Industry 4.0” nternet	Department of Mechanical Engineering R. L. Jalappa Institute of Technology Doddaballapur	17 th to 21 st April, 2023	R. L. Jalappa Institute of Technology, Doddaballapur
Mrs. Hemalatha B R Mrs. Aruna R Mrs. Reshma S R	IP Awareness/training program under National intellectual property awareness mission”	Intellectual property office, India	11 th May, 2023	VIRTUAL MODE
Ms. Kavya S R	Webinar on “ Latest Research in Applications of Green Nano materials, Molecular Spectroscopy & Study of Organometallic compounds”	Kaohsiung Medical University (KMU) & Educare Taiwan	19 th May, 2023	VIRTUAL MODE
Mrs. Sujatha V Ms. Kavya S R	FDP on “Polymer Composites for Engineering Applications (PCEA-2023)”	Department of Chemistry, B.M.S. College of Engineering Bengaluru	22 nd to 26 th May, 2023	VIRTUAL MODE
Mrs. Sujatha V Mrs. Hemalatha B R	Webinar on “Higher study opportunities and latest research in Nano medicine applications, Neutrophil inflammation and Micro- Electro Mechanical Systems”	Chang Gung university (CGU) & Educare Taiwan	26 th May, 2023	VIRTUAL MODE
Mrs. Sujatha V Mrs. Hemalatha B R Mrs. Meenakshi H Mrs. Aruna R Mrs. Reshma S R Mr. Shashidhar S N Mr. Madhu N R Mr. Mahesh Kumar K L	Workshop on “Scientific Communication for Researchers”	Research & Development Centre, B. M. S. College of Engineering, Bengaluru	29 th May to 2 nd June, 2023	VIRTUAL MODE
Mrs. Hemalatha B R Mrs. Meenakshi H Mrs. Aruna R Mrs. Reshma S R Mr. Shashidhar S N Mr. Madhu N R Mr. Mahesh Kumar K L	National level seminar on “Innovation and IPR”	Sri Venkateshwara College of Engineering, Bangalore		VIRTUAL MODE

PAPERS PRESENTED

NAME	TITLE	NAME OF THE ORGANIZER	DATE	VENUE
Mrs. Hemalatha B R Mrs. Aruna R	“Hamilton’s Graph theory and it’s Applications”	Rajshree Institute of Management and Technology Bareilly.	12 th and 13 th May, 2023	VIRTUAL MODE