



# RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by NAAC & An ISO 9001:2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and Mech

Week: 08.08.21 - 14.08.21

**VOL 26**

**WEEKLY NEWSLETTER**

**ISSUE 2**

•The chairman appreciated the teaching, the non-teaching, the administrative and the other staff of RIT for their sincere efforts, hardwork and team spirit in achieving NBA accreditation for 4 UG Programs.

### Placement

•Uvasri of IV ECE has been selected by Tessolve Semiconductor Internship.

### MOU Signed with Industry

•RIT signed an MoU with Government Arts and Science college, sivakasi on 13 Aug., 21 with a scope of promoting research collaboration between the mathematical departments of both the institutions. Dr.K.Basari Kodi is the MOU's coordinator.



•To create job role for waste water treatment through Tamil Nadu Skill Development Corporation Programme, Department of Chemistry, RIT signed a Memorandum of Understanding between RIT, Rajapalayam and Sugapriya Packaged Drinking Water, Srivilliputhur on 7th July 2021.

•To create the research collaboration, the Department of Chemistry, RIT signed a Memorandum of Understanding between RIT, Rajapalayam and Sri Parasakthi College for Women, Courtallam on 9 July, 2021.

### Faculty

#### Awards, Achievements and Honours

•The following Faculty Members have been promoted from Assistant Professor(SG) to Associate professor cadre w.e.f. 10 Aug., 2021.

- o Dr.S.Vimal, CSE
- o Dr.V.Anusuya, CSE
- o Dr.M.Gomathy Nayagam, CSE
- o Dr.A.Azhagu Jaisudhan Pazhani, ECE
- o Dr.S.Vairaprakash, ECE

•Mr. R. Arun Kumar, AP/Mech delivered a guest lecture titled "Entrepreneurship as Career Opportunity" during the "Online Awareness Program on Entrepreneurship" organized by Seethalakshmi Achi College for Women, Pallathur in association with EDII - IEDP, Alagappa University hub on 13 Aug., 2021

### Reviewer

•P.Venkatesh, AP/ECE reviewed the revised version of the manuscript titled "Enhancing the Absorber frequency bandwidth in GHz regime by applying column network defects" for the Journal of Applied ElectroMagnetics on 9.8.2021

•Dr.A.Azhagu Jaisudhan Pazhani has been nominated as a reviewer for International Journal of Speech Technology,

Springer, ISSN: 1381-2416 / 1572-8110, indexed in ESCI.

•Dr.A.Azhagu Jaisudhan Pazhani reviewed a paper titled on "Smart City Era – Review of Culture and Art and Prospect, Journal of Electrical Engineering and Technology, Springer ISSN 1975-0102 / 2093-7423, Indexed in SCIE.

•Dr.A.Azhagu Jaisudhan Pazhani, ASCP/ECE has been nominated as a reviewer for International Journal of Speech Technology, Springer, ISSN: 1381-2416 / 1572-8110, Indexed in ESCI.

•Dr.A.Azhagu Jaisudhan Pazhani, ASCP/ECE reviewed a paper titled "Design of Hardware Efficient Reconfigurable Merged Partial Cosine Modulated Non-uniform Filter Bank Channelizer and its Power Efficient Implementation using a Novel Approximation Algorithm", Circuits, Systems and Signal Processing, Springer ISSN: 0278-081X / 1531-5878, Indexed in SCIE.

•Mrs.V.SrirengeNachiyar, AP(SG)/ECE reviewed a paper titled "Improving of Heat Spreading in a SiC Propulsion Inverter using Graphene Assembled Films", Special Issue for Advances in Science, Technology and Engineering Systems Journal on 13 Aug., 2021.

•Dr.S.Periyanyagi, Prof. & Head/ECE reviewed two papers titled "Smart Military E-outfit of the Future" and "Detection of Plant Disease using Swarm Intelligence Optimization Algorithm" for IEEE International Conference on Advancements in Electrical Electronics Communication Computing and Automation (ICAECA2021).

### Project Proposal Submitted

•M.Venkatesh Perumal submitted a project proposal entitled "Design and Synthesis of Rapid Accessible Turn-On Organic Fluorescent Chemosensors" under CSR Project Proposal at UGC-DAE Consortium for Scientific Research on 12 Aug., 21.

•C. Revathi and O. Senthilkumar submitted a project proposal entitled "Novel bis Pyridine Carbothioamide Complexes as Multidrug Resistant Anti-Cancer Drugs" under CSR Project Proposal at UGC-DAE Consortium for Scientific Research on 12 Aug., 21

### Faculty Events attended

•Dr. T.Vigneswari, AP(SG)/Physics, Dr. P. Thiruramanathan, AP/Physics, Dr. R. Srinivasan, AP/Physics and Dr. G. Kanthimathi, ASCP/Chemistry attended a 2-day National Level Webinar on "Recent Advances in Nanoscience and Nanotechnology" organized by Rathinam College of Arts and Science, Coimbatore during 12 - 13 Aug., 21.

•Dr. G. Kanthimathi, ASCP/Chemistry attended a webinar titled "Nanoindentation: From Metals, Ceramics, Composites, and Space Sciences" organized by the Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology, Chennai on 13 Aug 2021.

•Dr. N. Revathi, AP (Sr. Gr)/Chemistry attended an international webinar-IV, 2021 on "How Electrochemistry and Vibrational Spectroscopy Work in Industry" and "Rechargeable Li-ion Batteries (LIBs) and Beyond: Chemist's Role Towards Technology Development" organized by the PG & Research Depart-

ment of Chemistry, The American College, Madurai on 14 Aug 2021.

•Mrs.C.Subha AP(SG)/Civil, Mrs.R.Kalaimani AP/Civil & Mrs.A.Leema Margret AP/Civil attended an ATAL FDP on “Technology Trends in Smart City” conducted by Indian Institute of management kashipur during 09 Aug 2021 to 14 Aug., 2021

•Mrs.G.Gnana Priya, AP(SG)/ECE, Mr.P.Gunasekaran, AP/ECE attended a five-day ATAL FDP on “Signal Processing for 5G – Algorithms and Implementation” organized by Indian Institute of Technology, Goa during 09-13 Aug., 2021.

•Dr.S.Vairaprakash, ASCP/ECE attended a 5 day ATAL FDP on “Artificial intelligence in Electronic Design Automation” organized by Gandhi Institute of Technology and Management University, Visakhapatnam during 09-13 Aug., 2021.

•Mr.A.Rameshbabu, AP/ECE attended a 5 day ATAL FDP on “Critical Design Thinking in Engineering and Collaborative Team Learning Strategies for Effective Team Work” organized by M.Kumarasamy College of Engineering, Karur during 09-13 Aug., 2021.

•Dr.B.Deepa Lakshmi ASCP/ECE attended a Webinar on “InnoWAH - Aware Webinar series I - Overview of the Lean Business Canvas Model” organized by IITM PALS, Chennai on 14 Aug., 2021

### Staff Participation

•T. Gayathri, JA/Mech participated in an online quiz on “India” organized by the National Service Scheme of RIT, Rajapalayam during 13-17 Aug., 2021.

### Events Organized

•RIT IIC members attended the national webinar on “Research Innovation and Ranking” organized by Ministry of Education’s Innovation Cell as a part of celebrating one year of National Education Policy 2020 on 11 Aug., 21.

•RIT, in association with Training and Placement Centre, RIT-Alumni Association, and Department of CSE organized a Virtual placement talk on “How to Grab a job in TCS” on 14 Aug., 2021. Around 65 students from different departments actively participate in the talk. The resource person Ms M.Susmitha, Ms. M.Subashini Ms.S. Sujitha. Ms S.Vasuki .Ms.S. Krishnaveni and Ms.C.Jegatha working TCS ( Alumni of Batch 2017-2021) discussed the methods and tricks to get success in a TCS online test and also shared how to prepare for the software company interviews. The talk was coordinated by Mrs.M.SwarnaSudha AP(SG)/CSE and Mrs.B. Vijayalakshmi, AP(SG)/CSE.



•RIT, in association with Training and Placement Centre, RIT Alumni Association and Department of CSE organized a virtual placement talk on “Preparation for Centizen Drive” on 10 Aug., 2021. Around 40 students actively participate in the talk Mr. S. Santhosh (Batch: 2016-2020) Mr. G. Prasanna Kumar and

Ms.K.Raga Priya (Batch: 2017-2021) Software Developers at Centizen explained the test pattern of the online exam and shared their experience of writing the exam.



### Students

#### Students' Participation

•A. Krishna Kumar, IV Mech attended a workshop on "Android App Development using AI" organized by U Can Solution & Tech Fever Tablet on 08 Aug., 2021.

•Lakshmi Priya G, II CSE participated in "Online Quiz on India" organized by RIT on 13 Aug., 2021

•N. Dhiraj, R. Harsha, and K. Muthu Kumar, I CSE attended a webinar on "Student Projects Orientation" conducted by IUCEE on 12 Aug., 2021.

•Harsha R, Pavithra K, Venesha L, Bowyaa L, Karunya V, Divya M K, Sathish Kumar K, Raja Lakshmi RU, Muthu Kumar K, Sarumathi M, Subhiksha G, Ragavi V G, Lakshmi priya G, Keerthana V, Sukumaran G, participated in "Online COVID-19 Awareness Quiz" organized by Vivekananda College, Madurai.

#### Industrial Visit, IPT

•M. Thojesh Nandha, M. Nalliraj Madhavan, S. Ramhari Prasad and H. Prasaana Venkatesh, IV Mech along with Mr. G. Prabu Ram AP(SG)/Mech visited “Rajapalayam Mills Limited” to learn the fundamental concepts of Total Quality Management (TQM), Total Productive Maintenance (TPM), and the Kaizen Quality System, as well as how to implement them in an Industrial Environment during 10-11 Aug., 2021.



#### Online Quiz

•Muthu Rani M M, Nandha Kumar B, Rajakeerthana J, Rakesh-kannan R, Senthilkumar S, Solai Priyadarshini A, Sri Varshini T, Ugesh V R, Vishnuram P and Vinodh S III EEE attended Quiz series -IV on “Digital Electronics” conducted by IEEE Student branch of K.Ramakrishnan College of Engineering, Tiruchirappalli on 09 Aug., 2021.

•Muthu Rani M M, Nandha Kumar B, Rohini M I, Senthilkumar S, Sri Varshini T, Vishnuram P, Muthu Ganesan S, Raj Kumar R and Vinodh S III EEE attended Quiz series -11 on “Power System” conducted by IEEE Student branch of K.Ramakrishnan College of Engineering, Tiruchirappalli on 13 Aug., 2021.

•Rakeshkannan R, Rohini M I, Senthilkumar S, Solai Priyadarshini A, Sri Varshini T, Ugesh V R, Vishnuram P, Muthu

Ganesan S, Raj Kumar R and Vinodh S III EEE attended Quiz series on "Electric Vehicle" conducted by IEEE Student branch of KPR Institute of Engineering and Technology, Coimbatore on 14 Aug., 2021.

#### Online Courses

- M. Thojesh Nandha, IV Mech completed an online course on "Six Sigma Yellow Belt" offered by 6Sigma Study.
- Ms.A.Sushma, II ECE completed an online course on "Machine learning with MATLAB" and "MATLAB Onramp" offered by MathWorks on 10 Aug., 2021.
- Ms.M.Shrinithimeena, II ECE completed an online course on "Image Processing with MATLAB" offered by MathWorks on 10 Aug., 2021.
- Mr.M.Sathis Kannan, III ECE completed an online course on "NDG LINUX Unhatched" offered by Cisco on 10 Aug., 2021.
- J. Gnanaguru Vignesh, I CSE completed an online course on "Game Development using PyGame" offered by GUVI on 08 Aug., 2021.
- Sarumathi, I CSE completed an online course on "The Complete C Programming Course for Beginners" offered by Udemy on 08 Aug., 2021.
- A.Sakthiswathi and K. Sophiasree, II CSE completed an online course on "Problem-solving, Data Structures and Algorithms through Python" organized by M.S Amphisoft Technologies and supported by the Commonwealth of Learning, Canada in the period from April to June.
- Pavithra K, completed online courses "Process Mining Fundamentals Course for Students-celonis, Cybersecurity Essentials-cisco, Microsoft AI Fundamentals-Microsoft, Network Virtualization concepts-VMWare, Deep learning in MATLAB, Image Processing in MATLAB, Maths Onramp in MATLAB, Automation 360 RPA essentials"
- Bowyaa L, completed online courses "Process Mining Fundamentals Course for Students-celonis, Cybersecurity Essentials-cisco, Microsoft AI Fundamentals-Microsoft, Network Virtualization concepts-VMWare, Machine Learning with MATLAB".
- Venesha L, completed online courses "Machine learning Onramp - Mathworks, Image processing Onramp - Mathworks, Process Mining Fundamentals Course for Students - Celonis, Basics of Managing Money - Prime5C, Microsoft AI Fundamentals and Microsoft Azure - Microsoft, Network Virtualization concepts-VMWare".
- Joe Alan, and Sathish Kumar K, I CSE completed an online course on "Image processing onramp" offered by MATLAB on 08 Aug., 2021.

#### Chief Editors:

Dr.L.Ganesan, Principal  
Dr.S.Rajakarunakaran, Vice-Principal  
Heads of all Departments

#### Editors:

Dr.K.Vijayalakshmi, Professor & Head/CSE  
Dr.M.Anish Alfred Vaz, AP (SG)/ Eng.  
Faculty In-charges of all Departments  
Mr.S.Sankara Chockalingam, CSE/Lab Tech.

#### Compilers:

Mr.M.Saravana Kumar, Civil/Lab Tech.  
Mr.M.Chandrasekar, CSE/Lab Tech.  
Mr.I.John Britto, EEE/Lab Tech.  
Mr.S.Muthujothi, ECE/Lab Tech.  
Mr.C.Pandimuneeswaran, MECH/Lab Tech.  
Mrs.V.Prabha, Physics/Lab Tech.