

JANUARY 2022



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NEWSLETTER & MAGAZINE

NITWARANGAL

ALUMNI ASSOCIATION



**HONORS /
AWARDS /
DISTINCTIONS**

LEVERAGING THE ALUMNI STRENGTH
CREATING LINK WITH THE ALMA MATER

NURTURING THE STUDENTS
STAYING CONNECTED WITH FRIENDS



NITWAA WISHES YOU
— H A P P Y —
NEW YEAR
2022



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2022





FROM THE NEWSLETTER AND MAGAZINE SUBCOMMITTEE

The Newsletter and Magazine Subcommittee wishes our Alumni and family members seasonal festival greetings and a very happy new year 2022, hopefully free from the corona pandemic which has been causing untold hardship to one and all.

As you all know, the NIT Warangal was first in a class of institutes started by the government of India. In the same spirit, we strive to maintain the primacy of the institution and the alumni play a big role in reinforcing and spreading the image of the institution across India and across the world through their achievements in professional and social lives. The newsletter and magazine is intended to capture the vibrancy of the alumni and create the special bonds between the alumni, who are spread through-out the world and for whom it is really difficult to see the holistic picture of the institutional and alumni activities.

This sixth edition of the Alumni newsletter brings to you Convocation details along with Distinguished Alumni Awards and the Best Performing NITWAA SubCommittees. Also this edition includes Success stories, Articles and various NITWAA Chapter activities.

We hope you find this newsletter and magazine energizing and touch your heart and relive the golden moments you spent at the institute and channel back some of that energy through various concrete initiatives and help the institute grow further in all respects. We also request you to share and broadcast with our Alumni and Batch friends on social media. We have been receiving feedback / suggestions and encourage you to post Articles, Content and Alumni chapter updates to our email nitwaa.newsletter@gmail.com within the limit of 2000 words.

Please do ensure that there is no copyright infringement and also do mention your details (i) Degree (B.Tech, M.Tech, M.Sc. Etc.) (ii) Branch / Department (iii) Pass out Year

Though utmost care has been taken in publishing this newsletter, if there are any factual discrepancies they may be brought to the notice of the Subcommittee.

NITWAA NEWSLETTER & MAGAZINE SUBCOMMITTEE



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Eco Designing Engineer,
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Asst. Professor,
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This newsletter has been designed with the support from Mr. Biju Philipose (BT / EE / 93), Vice President NITWAA. He is the Managing Director of Sepack India Private Limited, Kerala.



FROM SECRETARY'S DESK

Murali Krishna Gunji

BT / CE / 94

Greetings. On behalf of the executive body of NITWAA, we wish you a warm and joyful Diwali wishes!!! Hope you have spent the festive season with near and dear.

The chapter level activities have taken a jump with the start of family get together events. We recently had Pune Chapter meet with families followed by Kolkata and Warangal Chapters. We also had chapter level EC member meet of Mumbai, Hyderabad, Vizag and Bengaluru chapters. Events from other chapters are being planned.

18th Global EC meet was conducted on Oct 9th, 2021 and was a huge success with around 55 members attending through physical and online mode. The Global EC has well remembered the services of erstwhile RECW Principal late Shri Koteswara Rao and has paid rich tributes to the great man !!! Newsletter and Magazine committee was recognised with "Best Performing committee" and the members of the committee were felicitated for their contributions. Global EC has approved the formation of a task force on design and execution of actions needed to attract younger alumni into the folds of NITWAA.

Distinguished Alumni Awards (DAA) for the years 2018, 2019 and 2020 were presented at the institute on October 10, 2021. In total 30 of our great alumni were felicitated by the Institute, and the function was well attended by NITWAA members.

Bengaluru NITWAA chapter has come out with a multi-session program called "Candid Conversations - Your career Matters" to the student community of NIT Warangal. The programme aims at providing expert advice and know-how on latest career options for UG and PG students of Institute. Two sessions were conducted and 1200 students participated and benefitted from the expert knowledge from the very experienced alumni !!! The programme is well appreciated by the students and staff of the institute.

The musical night conducted on Oct 23 2021 around the theme of "Retro 90s Music" was a great success with more than 18 of our alumni musicians participating and 400 global alumni watching the live streaming of the event. We have received around 4000 views on the youtube channel as on the date (17 November 2021). I congratulate the NITWAA cultural committee for devising excellent programmes in entertaining our global alumni.

5 families and one student were helped through the Welfare and Benevolent Committee (WBC). In total, your alumni association NITWAA has provided a financial help of INR 1.1 million in the last 6 months!!! This was possible only because of generous contributions from many of the alumni.

NITWAA Vijayawada and Kerala chapters have donated oxygen cylinders to Kerala hospitals to serve the needy public affected with Covid.

NITWAA has guest houses at Hyderabad and Vizag donated by our great alumni for the usage and benefit of every alumni member. These guest houses are in service for a long time and they need renovation in order to provide better service to the alumni. NITWAA is deciding plans of renovation and will soon come out with an action plan. Request interested global alumni to donate funds for the renovation.

Wish a great bonding among all the alumni and a happy reading of the newsletter !!!

Thanks and Regards
Murali Gunji
Secretary NITWAA

CHIEF PATRON'S NEWS FELICITATION



Prof. NV Ramana Rao Director NIT Warangal and Chief Patron NITWAA has been felicitated by the Government of Telangana (Commissionerate of Collegiate Education and Technical Education Department) and Institute for Academic Excellence (IAE) - Hyderabad on 21st October 2021 at Hotel Taj Krishna Hyderabad for NITW (from Telangana State) having participated in NIRF India ranking 2021 and got ranking.



NITWAA Chief Patron and NITW Director Prof N V Ramana Rao, has been entrusted with the additional charge of post of Director of School of Planning and Architecture (SPA), Vijayawada by the Ministry of Education, Government of India.



Prof N V Ramana Rao, Director of NITW has superannuated from JNTU Hyderabad on November 30, 2021, but will continue as Director of NITW. A Felicitation Program was held in JNTU Hyderabad on November 30, 2021 to mark the occasion in which many Faculty, Alumni, Staff of NITW and JNTU participated.

HOMAGE



Prof. Koteswara Rao
(19 October 1929 - 29 September 2021)
Principal RECW, 22 October 1973 - 31 October 1989



SRINIVAS V ATLURI, (BT / ECE / 78-83)
President, NIT Warangal Americas Alumni Chapter

EULOGY FOR LATE PROF. KOTHA KOTESWARA RAO GARU

Perhaps it is divinely ordained for me to write, a eulogy for the towering personality. How else can I explain it? When so many stalwarts and thousands of alumni know him so closely, yet the opportunity came knocking and I humbly and with all humility will try to reminisce, my association with him and his bigger than life achievements.

True to his last name 'Kotha', he had a
Modern vision of the engineering education.

Professor and Principal by designation,
Came across with a rare princely charm.

Administrator par excellence,
His excellency might be the right salutation for him.

Brisk walker and keen observer around the campus,
But never brusque with any one and kept his cool all the time.

He might or might not be from an affluent background,
But definitely a fluent speaker.

Spotless outfits and genial demeanor were his hallmarks,
Always spot on with his congenial decisions.

I could go on and on.

When I joined the then RECW in 1978, he interviewed me for a couple of minutes, asking me about my choice of the engineering branch and my general interests. I came out of that interview with some shock and awe, not having seen any such person prior to that.

He was a generous person by nature and always pro-student. He advocated for student rights. He knew very well that a lot of students came from a rural background and needed hand holding and careful nurturing.

I met him last in 2009 during the golden jubilee and I had a five-minute conversation with him. We had a hearty talk in those brief five minutes. When I told him that the concept of RECW was the harbinger of globalization, I could see a glow on his face.

After all, for any institution the formative years tend to be really rapid with various and competing priorities and managing the issues through the thick and thin was like a ride on a sword. The tumultuous eighties gave him plenty a challenge and he thoughtfully, forcefully, and cheerfully steered the institute through the storms and helped make it reach the shores of safety.

He got the call from the Creator in his nineties, and he left us with a world much better than he inherited. The best tribute to him could be to continue his sagacious thinking and imbibe some of those special qualities and shape up our own lives.

May his soul rest in peace.

RETIREMENT FUNCTION

The Department of Electrical Engineering has organized a program at NITW to mark the super-annuation of Prof. M. Sydulu (BT / EE / 78, MT / EE / 80, PHD / EE / 93) on 30th October 2021. The program was well attended by his students and well-wishers physically and virtually. Prof. Sydulu was featured in the June 2021 issue of NITWAA newsletter.



Prof. M. Sailaja Kumari (PHD / EE / 08, Prof. Sydulu's student) Head, Department of EE.
Prof. NV Ramana Rao, Director NIT Warangal. Prof. M. Sydulu and Mrs. Usha Sydulu.



Ashwini Tambi
 BT / EE / 97
 Founder Director
 Chief career mentor
 @ CareerAcer Bangalore

A TRIBUTE TO SYDULU SIR

Who is Sydulu Sir?

A step-up transformer in the form of a teacher,
 Or a visionary in the form of a palm-reader,
 Or perhaps a living inspiration for a true learner.

I say none alone, yet more than the sum,
 Sydulu sir is more versatile than any one;
 His feeling and expression is pure,
 He has a solution to your problem, you're sure.

He truly personifies Electrical Engineering,
 With high-voltage lectures for low-impedance listening;
 Is it possible to be out-of-phase with him?
 Or simply oscillate synchronized with him.

Well again, practising palmistry was his choice,
 Why then he is not decoding this art as a science?
 Aah!, like contrast between fate lines and circuit lines,
 Our beloved Sir will re-engineer his own fate twice.

"Parent institution", is how he calls RECW with pride,
 Just a minute of talk will fire up your ride;
 "Keep your expectations low", is his powerful advice,
 There is no parallel to his heavenly words of choice.

Against the rule-book, out of the way and crazy indeed,
 I was adamant, only Sydulu Sir to be my project guide;
 The PS Computer Lab, the late night, and return of the key,
 Feeling of hero and being close to Sir was everyone's envy;
 Project was Digital Simulation, but the thrill was so real,
 Got goosebumps after 24 years, when Sir called me to reveal.

His heart and house are bigger than each other,
 Whether it is now or D2/4 in staff quarter;
 Back then, love and care by Usha didi was a saviour,
 Can we ever forget Sydulu sir as a fatherly figure?

To all the students, of past and present,
 Call him once in a while with an intent;
 Tell him you love him, you follow him,
 Spread his knowledge, as a tribute to him.

I have not seen God, they say he is life-giver,
 I have been blessed by Sir, he is my life-maker.

So who is Sydulu sir?
 The Guru, the life-maker.

19TH CONVOCAATION



The 19th Convocation of the institute for the academic year 2020-2021 was held online on 9th October 2021 in virtual mode. The Chief Guest of the Convocation Shri Dharmendra Pradhan, Honorable Union Education Minister, addressing the 19th NITW convocation 2021 through online mode congratulated the students who received graduation degrees. Dr. K. Kasturirangan, Former Chairman ISRO was the Guest of Honor on the occasion. Dr. N.V. Ramana Rao, Director NIT Warangal and Chairman, Board of Governors presented the details of Convocation. A record number of 1740 of candidates were awarded degrees in this convocation. Out of this, 105 are Ph.D. Degree awardees, 537 are M. Tech. and 215 are other Post Graduate Degree awardees and 883 are B. Tech. Degree awardees. In each branch of Engineering, topper of the B. Tech. class was awarded Roll of Honour Gold Medal, and the Institute Gold Medal (overall topper) was awarded to Ganesh S of Mechanical Engineering.

NEW INFRASTRUCTURE AT NITW

On the day of convocation, the Union Minister Shri Dharmendra Pradhan inaugurated, in virtual mode, the NITW SIEMENS Centre of Excellence, HITACHI Smart Electric Grid Laboratory and laid the foundation for Academic Buildings of Civil and Mechanical Engineering Departments, Major Dhyan Chand Multipurpose Sports Complex.



DISTINGUISHED ALUMNI AWARDS FUNCTION



Distinguished Alumni Award presentation function was organized by NITW on 10th October 2021, the Foundation day of the Institute to felicitate the Award winners for the years 2018, 2019 & 2020 (The list of all awardees was covered in March 2021 issue of the NITWAA newsletter). The Chief Guest of the program was Dr. BHVS Narayana Murthy (BT / ECE / 85), Director General, DRDO – Missiles & Strategic Systems, Hyderabad. Prof. NV Ramana Rao Director NIT Warangal, Prof. N. Selvaraj Dean (International Relations and Alumni Affairs), Prof. CSRK. Prasad Advisor (Corporate Relations and Resource Mobilization), Shri Alapati Prasad President NITWAA graced the occasion. 12 awardees attended the function in person to receive the award. Other awardees joined the function online and Prof. CSRK Prasad received the award on behalf of all of them.

The event was livestreamed on Youtube
<https://www.youtube.com/watch?v=HpeQTS-YdYg>



Shri Anantha Reddy Ch. (BT / MET / 70)



Shri Subba Rao MV (BT / MET / 84)



Dr. Bhaskar T (BT / MET / 90)



Shri P S Subramanyam (BT / ME / 73)



Prof. Seshu Pasumarthy (BE / ME / 84)



Shri Naresh Kumar Dubbudu (BT / ME / 04)



Shri T. Satyanarayana Reddy
(BT / CE / 68, MT / CE / 71, PhD / CE / 98)



Shri Murali Mohan Gade (BT / EE / 02)



Shri A. Narasimha Rao (BT / ME / 82)



Shri A Md Imtiaz (BT / CE / 86)



Shri G. Muralidhar (BT / ECE / 86)



Shri Raghuveer (MSC / PHY / 06)



DAA-VIRTUAL PRESENTATION



Shri Bhaskar M. Gorti (BT / EE / 88)



Dr. Srinivas Veeramasuneni (BT / ME / 86, MT / ME / 88)



Shri P. Dwarakanath (BT / ME / 78)



Shri Pradosh Kumar Rath (BT / MET / 82)



Dr. MS Raghu Chandra Dev (BT / ME / 66)



Shri Mahendran Balachandran (BT / ME / 86)



Dr. Mallik Tatipamula (BT / ECE / 88)



Shri Pidatala Sridhar (BT / CE / 91)



Shri Ramajogaiah Sastry Darivemula (BT / ME / 91)



Shri T. Krishna Prasad (BT / ME / 83)



Ms. Aarti Subramanian (BT / CSE / 89)



Dr. Bathula Balabhaskara Reddy (BT / CE / 90,
MT / CE / 93)



Dr. Srinivasarao Baru (BT / ECE / 81)



Dr. Nag Bhushanam Patibandla (BT / MET / 83)



Shri PRK Murthy (BT / CE / 82, MT / CE / 84)



Shri Venkat Pallela (BT / ECE / 90)



Dr. Y. Madhava Rao (BT / MET / 80)

17TH GLOBAL EC MEETING REPORT

The 17th Global Executive Council meeting and the second EC meeting under the leadership of present executive body (2020-22) was conducted online on June 6, 2021, from 04:00 pm IST to 07:00 pm IST. It was a well-attended meeting across chapters.

The agenda and the items of discussion were circulated well in advance. The meeting started with Condolences and prayers for our Alumni members who have passed away. Chief Patron Prof. N V. Ramana Rao, Director, NITW addressed the gathering listing out developmental activities done by the Institute in teaching, learning and consultancy, R&D Projects, GIAN Courses and MoUs. Dean IRAA Prof. N. Selvaraj said that the Distinguished Alumni Awards (DAA 2021) Notification will be released shortly. The award ceremony will be held on Institute annual day on 10th October 2021. President Shri Alapati Prasad listed out the activities performed since the last EC meeting especially the various initiatives taken during the times of COVID. The Ramagundam chapter formation was approved by EC members.

The action points from the previous EC meeting were also discussed. This included Alumni activities fees, possession of the restaurant in GTDTC, IT Demand note, nitwaa.in development, GTDTC renovation plans & Alumni Convention Centre.

The NITWAA Budget Session FY 2021-2022 meeting was conducted online on 27th June 2021, from 04:00 PM to 07:30 PM IST. It was a well-attended meeting across chapters.

The meeting approved to disburse INR 1.5 Lakhs to the family of Shri. B. Ravi Shankar (BT / CE / 01), NITWAA general budget, NITW Foundation Budget, GTDTC Budget approval for FY21-22, budget deficit to be fulfilled by NITWAA accounts and time bound termed deposits for the funds available to be created.

NITWAA Society registration is in process and NITW Foundation Trust registration is completed. President has requested the Convenor and Chairman of by-laws committee to complete the recommendations. New NITWAA logo proposal is requested with a unique design. NITWAA Operating Accounts, Accounts summary, Interest earned, Glance of fixed deposits were clearly explained along with NITWAA and NITWAA Foundation Budget for the year 2021 – 2022 were presented with estimated expenditure. GTDTC monthly O&M expenses, available funds, Renovation plans, Accommodation charges, TASK rent, etc. were discussed.

The detailed MOM can be found on the following website.

<https://www.nitwaa.in/downloads>

18TH GLOBAL EC MEETING REPORT



The 18th Global Executive Council meeting was held at NIT Warangal on October 9, 2021. It was a well-attended event conducted in hybrid mode.

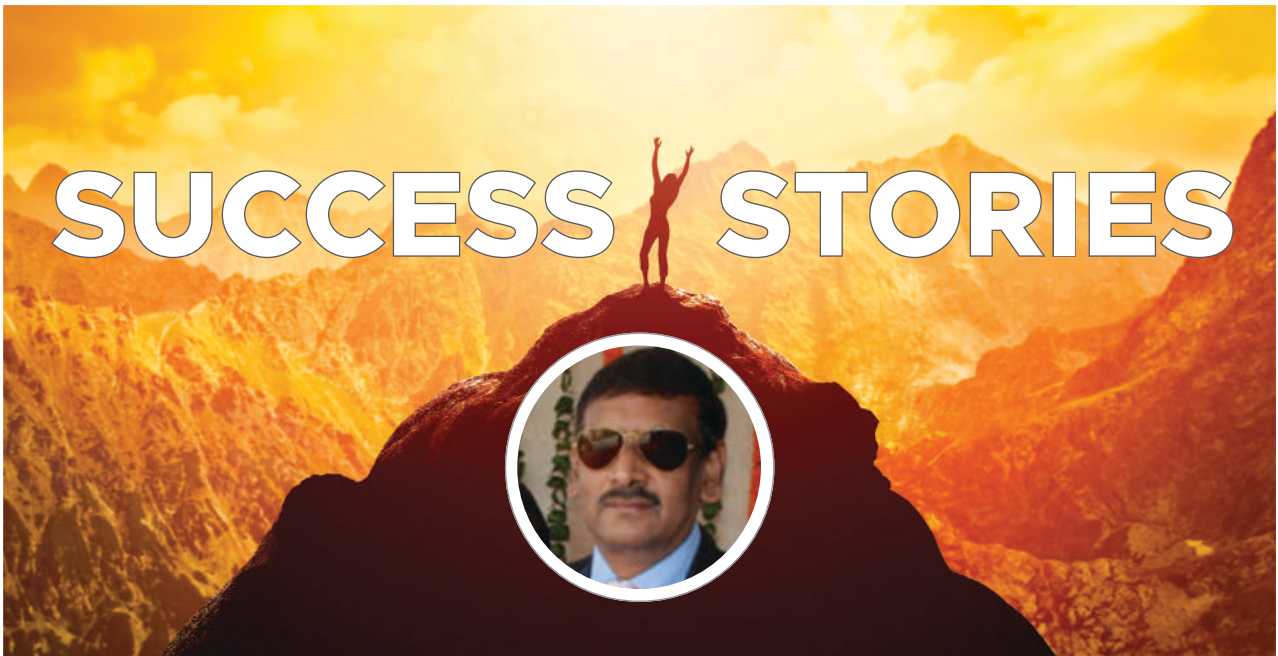
The agenda and the items of discussion were circulated well in advance. The event was arranged on the campus close to coincide with the Foundation day of the Institute (October 10).

The meeting started by paying homage to late Prof. K Koteswara Rao, former Principal of NIT Warangal. Chief Guest Prof. NV Ramana Rao Director, NITW & Chief Patron NITWAA, Prof. N. Selvaraj, Dean, IRAA, NITWAA President Shri Alapati Prasad addressed the members. Quarterly updates were presented by Secretary Shri. G. Murali Krishna highlighting on achievements and areas of improvements focusing on Alumni connect programs.

Various financial approvals were sought from the committee members for the Alumni's needs and get together purpose. Question and answer session was given enough time to resolve queries and brainstorm on them. The Treasurer presented by on NITWAA details from last EC meeting held on 6th June, 2021 highlighting details of current financial position as on 30th September, 2021 of Operative accounts with Statement of Receipts, Expenditure and Balances, Fixed Deposits were presented to the EC and EC has approved the financial positions. Various Chapter Secretaries and committee's Chairmen also presented their contributions.

Detailed MOM can be found out on the following link.

<https://media.almaabaseapp.com/1/alumsite/re-sources/ecm-file/eec5f57f58264150a54a4fa915541f41.pdf>



Dr. Alapati Subhanada Rao

BT / ME / 73

Dr. Alapati Subhanada Rao is a NITW Distinguished Alumni Professional Achievement Awardee for the year 2001. He did his B.Tech from NIT Warangal in Mechanical Engineering (1973) followed by M.E. (Aerospace) from IISc Bangalore (1975). He completed his Ph.D. from Osmania University (2006) while working in DRDO.

Dr. Rao's Professional Experience includes:

- Director, HEMRL, Pune, DRDO; Director, ARDE, Pune, DRDO; Director, GTRE, Bangalore, DRDO; Director General (Aero), DRDO.
- Professor & Director (Research & Constancy)—VNR Vignana Jyothi Institute Engineering and Technology (VNRVJiet), Hyderabad
- Principal, VNVJiet, Hyderabad
- CEO, VIGNANA JYOTHI group of Institutions
- Professor & Director (Advancement, R&D)—Srinidhi Institute of Science & Technology
- He is currently Chief Consultant and Advisor, SKYROOT AEROSPACE, Hyderabad and Professor & Director (Research & Constancy)—VNR Vignana Jyothi Institute Engineering and Technology (VNRVJiet), Hyderabad (2nd stint)

His Notable Achievements:

One of the Key persons responsible for making DRDO self-reliant in Solid Rocket motor Technology, solid propellant & warhead Technologies.

Contributed in Development of Indigenous Tactical and Strategic missile systems (Land & Under Water) and making India strong in Defence.

Honors, Awards

1. First in Andhra University in 12th (PUC) 1967 in group and First name in the selected list for BE in NITW, in 1967
2. Roll of honour, 1973, REC Warangal
3. Roll of honour, Aerospace, 1975, IISc Bangalore.
4. GOLD SHIELD Award for import substitution for Surface to Air Missile SAM-II, 1978.
5. DRDO Scientist of the year 2005 - received from the hands of honourable Prime Minister of India Dr. Manmohan Singh.
6. Spin-off technology award 2006 (GROUP AWARD) - received from the hands of honourable Prime Minister of India Dr. Manmohan Singh
7. Titanium Trophy 2007 (Lab award) - received from the hands of honourable Prime Minister of India Dr. Manmohan Singh
8. DRDO performance Excellence award 2007
9. Path breaking research/Outstanding technology development award 2006 & 2007
10. Special award from DRDO for propellant manufacturing facility at Nasik 2010 (Group award for Nasik Plant) - received from the hands of honourable Prime Minister of India Dr. Manmohan Singh
11. Distinguished Alumni award (2008) IISc Aerospace Dept

12. Distinguished Alumni Award (2001) from NIT, Warangal

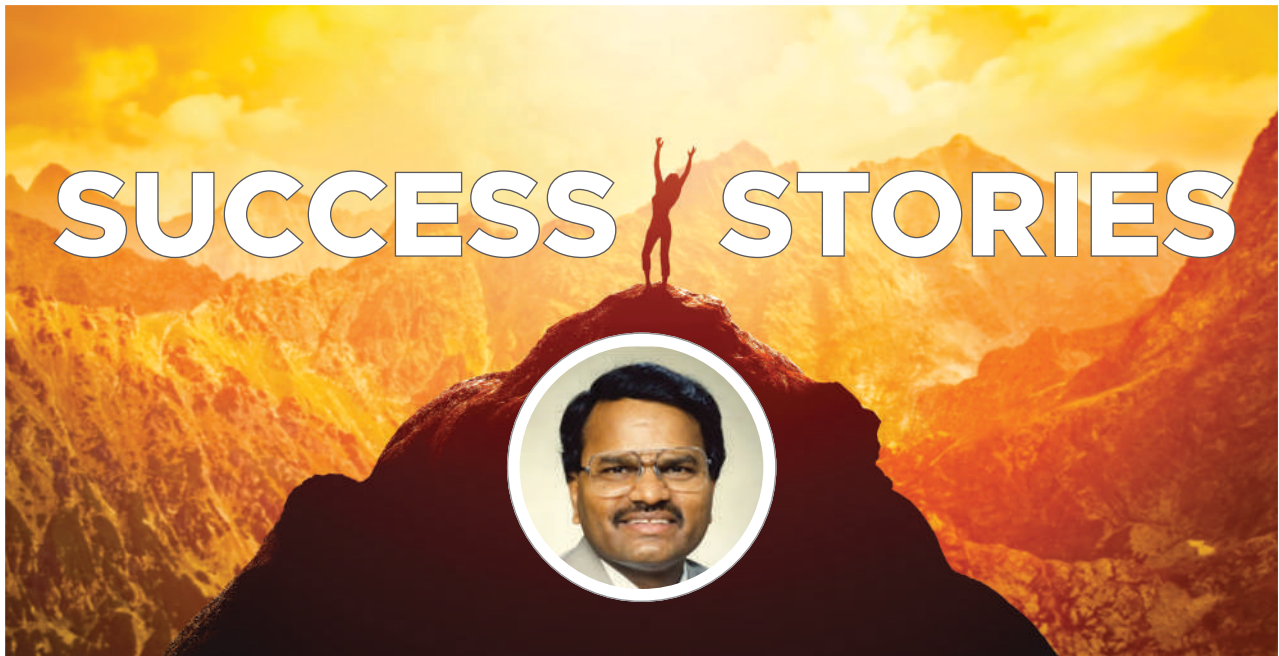
13. Distinguished Alumni award, (2018) from Andhra Loyola College Vijayawada.

He has published 86 research publications in International & National journals, Conferences / Symposia.

NITWAA Activities:

1. Founder Executive Committee member of RECWOSA, Hyderabad.
2. Presently EC member of NITWAA
3. Examiner M.Tech Projects in early days 1980s

Email - subhaa9@yahoo.com



Dr. Ramana G Reddy

BT / MET / 73

Department of Metallurgical and Materials Engineering
The University of Alabama, Tuscaloosa, USA

Dr. Ramana G Reddy is a NITW Distinguished Alumni Professional Achievement Awardee for the year 2016. He did his B.Tech from NITW (1973) and went on to complete M.Tech in Metallurgical Engineering from IIT Mumbai (1975) followed by Ph.D. Metallurgy from the University of Utah (1980).

Dr. Reddy is an ACIPCO (American Cast Iron Pipe Company) Endowed Professor of Department of Metallurgical and Materials Engineering (MTE), The University of Alabama, Tuscaloosa, Alabama. His academic administration and research work experiences include: Department Head of the MTE and Associate Director of Center for Green Manufacturing at The University of Alabama; Professor and Chairman, Department of Chemical and Metallurgical Engineering, The University of Nevada, Reno; and Visiting Researcher at the Lawrence Berkeley Laboratory, University of California, Berkeley; Indian Institute of Technology, Bombay; Argonne National Laboratory, Chicago; and National Renewable Energy Laboratory, Golden, CO, USA.

Professor Reddy has over 39 years of teaching and research experience in the field of Chemical and Materials engineering. He has conducted projects involving thermodynamics and kinetics of metallurgical reactions; electro chemical processing of materials, plasma processing of materials, energy efficient and environmental cleaner technologies, ionic liquids, fuel cells and energy storage.

As the Head of the MTE Department, Dr. Reddy has implemented highly successful educational and research program with a concerted effort to recruit undergraduate and graduate students. In 2008, the Department of MTE successfully received the ABET accreditation for full six-years. The MTE department received 2007 national ranking of #1 materials engineering in productivity.

Dr. Reddy has published over 423 research papers and 26 books (4 CDs) including one undergraduate student textbook in thermodynamics. He has also delivered more than 301 invited lectures and research presentations in 26 nations. He is the recipient of 5 USA patents.

As an Endowed Chair Professor in the college of engineering and administrator of many research projects (funding from including NSF, DOE, DOD, Industries), Dr. Reddy advised and worked with over 114 graduate students, research scholars and visiting scientists. For his outstanding contribution to the field, the two materials societies recognized him with their highest award as a Fellow of ASM (American Society for Metals) International and Distinguished member of the SME (Society for Mining, Metallurgy & Exploration). Dr. Reddy's Google scholar citations for his scholar and scientific research are above 7062, H-index 42 and i10-index 114.

Dr. Reddy is an Editor-in-chief of Journal for Manufacturing Science & Production and Associate Editor of Journal of Phase Equilibria and Diffusion. Dr. Reddy has served in many leadership positions within the College of Engineering, University and other national and international organizations. Chair/member of more than 44 professional societies committees, 68 technical sessions, and 26 public and universities committees; consultant to more than 21 industries, federal institutions and Universities; taught 12 continuing education/short courses. He has successfully organized 42 national and international symposia including the National Science Foundation 2003 NSF Design, Service, and Manufacturing Grantees and Research Conference and most recently Carbon Dioxide Reduction. He was appointed as the University of Alabama Coordinator for the National Space Science and Technology Center (NSSTC) and NASA, and served as Council Member for the Alabama State Committee for Department of Defense – EPSCoR (Established Program to Stimulate Competitive Research) programs.

Honors and awards include: National Dean's list, Phi Kappa Phi, Tau Beta Pi Society, Who's Who in Technology Today. Several of his students received outstanding research awards. He has received the Service Award and the Best Research Paper Award, TMS (The Minerals, Metals & Materials Society). Dr. Reddy also received the Research Award from J. Manufacturing Society. He is the recipient of the Eminent Engineer of the Tau Beta Pi Society and also the TMS Extraction & Processing 2002 Distinguished Lecture Award, the 2005 Milton E. Wadsworth Award for Extractive Metallurgy of SME-AIME, the 2006 ATA Award for Excellence in Engineering, ATA, Chicago, USA, 2006 Henry Krumb Lecturer, SME. He is the recipient of the 2009 EPD/TMS Science Award, TMS Educator Award, TMS Distinguished Service Award 2012, SEC Faculty Achievement Award, 2019, Mineral Industry Educator Award, AIME (The American Institute of Mining, Metallurgical and Petroleum Engineers), 2020 and Burnum Distinguished Faculty Award, UA, USA 2020.

Dr. Reddy is a Distinguished Member (Fellow) of SME and a Fellow of ASM International.

INTERNET OF THINGS FOR REHABILITATIVE CARE



Dr. Maheshwaram Satish,
Asst. Prof. Department of ECE
NITW



Shantosh Kumarasurier,
BT / EE / 23

The term “Internet of Things” (IoT) was first coined in a presentation by Kevin Ashton to executives in Procter & Gamble. Kevin was working on supply chain optimization and wanted to attract the senior management’s attention to RFID by titling the presentation “Internet of Things”.

IoT can make all objects become connected and smart within a network in the absence of human interactions. In simple terms, any object that is connected to the internet for transferring data or monitoring can be called an IoT device. IoT has made its way into every industry including that of the healthcare vertical. Many countries in the world are facing an increased stress on its healthcare infrastructure due to rapidly increasing aging population and life expectancy. This can be ascribed to the significant strides in medical and public health research. While the need for medical care has increased over the past decade, the hospital-centric model of providing care has remained the norm. For example, the management of chronic conditions requires a visit to

hospital by the patient for the healthcare practitioner to monitor the disease progression and tailor the treatment cocktail based on the clinical observation. The current process excludes the patients and does not give them an active role in their medical journey. However, the additional stress put on the healthcare infrastructure and reduced availability of in-person consultations during COVID-19 pandemic has accelerated the need for remote medical care to fill the gap. IoT-based smart rehabilitation systems are emerging as the solution to mitigate the problems associated with aging populations and shortage of health professionals in addition to the challenges posed by COVID-19.

Therefore, it is an utmost necessity to develop and test cost-effective and user-friendly systems for the eldercare. Remote monitoring with the aid of non-invasive wearable sensors and actuators measuring physiological signals offer an efficient yet cost effective solution that allows the elderly to avoid expensive and unnecessary visits to healthcare facilities.

Telerehabilitation

Remote delivery of rehabilitation services such as physio and occupational therapy via telecommunication is known as telerehabilitation. It gives access to rehabilitation services to those who are unable to receive care at healthcare centre with the physical presence of therapists.

Cardiac Telerehabilitation

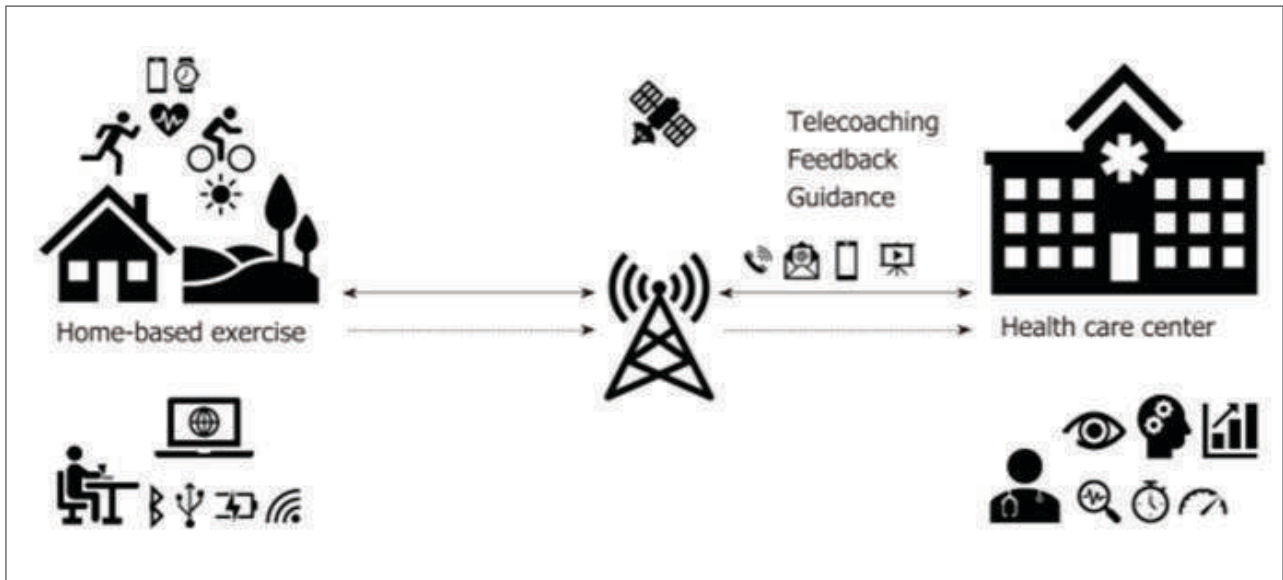


Fig. 1: SAPHIRE system for cardiac telerehabilitation

For chronic heart disease, rehabilitation is one of the most important tools to significantly reduce the heart risk factors and improve the patient's quality of life, primarily through lifestyle changes. Rehabilitation during inpatient care is generally effective and efficient, but the quality of rehabilitation is limited when it's done post discharge as outpatient care. Scheduling conflicts, difficulty in reaching healthcare centres and a reluctance to be part of group therapy sessions are seen as the main reasons why patients opt not to join supervised and controlled-phase rehabilitation programs. Hence, at home exercise regime with transtelephonic ECG could prove to be a better alternative to outpatient visits that results in a similar quality-of-life improvement that is similar to those observed during the standard outpatient cardiac rehabilitation.

The SAPHIRE system (2009) is an example of a cardiac telerehabilitation system is shown in Fig. 1, which consists of a touch screen attached to a bicycle and wireless sensors that monitor the electrocardiogram (ECG), oxygen saturation level and blood pressure in real time. At the hospital, caregivers can remotely connect and customize the patient's exercise based on the results of previous exercise tests. During rehabilitation session, the patient's health can be monitored, and exercise can be stopped if abnormal sensor readings are recorded.

Neurological Telerehabilitation

The ideal rehabilitation method for those with neurological conditions such as cognitive impairment is the stimulation of the brain through various environmental interactions. Remote neurological rehabilitation techniques have not yet been clearly defined and have no concrete rationale due to it being in at its nascent stage. Research on human-computer interfaces has improved the effectiveness of virtual reality (VR). VR consists of simulations on a dedicated machinesuch as a PC with specific graphics characteristics of that of a real environment. Machines can be connected to devices such as smart gloves, smart glasses, robotic arms and robotic legs. Such intelligent devices can be used in 3D environment simulations to enhance immersiveness in virtual environments.

Positive results of VR for rehabilitation have been an impetus for its large-scale adoption. Performing an exercise in a controlled environment such as in a laboratoryin front of a computer avoids the unnecessary risks associated with performing the same exercise in the real environment. It also creates a simulated experience related to the patient's condition. The level of difficulty can also be optimised as per the neurological condition of the patient. Treatment that is tailored to the needs of the patient's particular medical condition improve the effectiveness of the treatment and often shortens the duration of treatment. Virtual reality has been shown to be used to assess and rehabilitate specific disorders due to brain damage and cognitive impairment.



Fig. 2: One step TeleRehab system

Rehab@Home framework (2015) is an example of a remote rehabilitation system used to perform rehabilitation at a home setting for post stroke recovery. The framework is made up of a tablet, a server, and an instrument insole that is wirelessly connected to a web graphical interface and the progress of rehabilitation is automatically analysed post the evaluation test.

Another example is the “One-Step TeleRehab” System (2019) shown in Fig. 2. It consists of an iPad and motion sensors that the patients wear on their arms and legs. The iPad has a video which teaches what kind of exercises to do and how to do the exercises. At the same time, it also captures a video of the patient doing the exercise. The patients are trained on the system when in hospital and when they are discharged, they are given a system to bring back home. With the video and data from the system therapists can remotely monitor the progress and adjust the exercises as and when required.

Advantages and Disadvantages

Remote rehabilitation has several advantages and disadvantages.

Advantages include the home remote rehabilitation systems being inexpensive when it’s used only to monitor or evaluate patients undergoing corrective treatment. The ability to stay in touch via telecommunication technology and the cost and need of travel being eliminated enables patients with serious medical conditions to get access to the required medical care hence democratising it for all.

Disadvantages include the loss of in-person interaction with the healthcare professionals may pose a problem. In addition, the platform needs to be optimised and tailored to the needs and conditions for each patient according to the type and stage of illness, which may be expensive. There is also limited flexibility in using various medical devices appropriate to the patient’s differing and ever-changing needs.

Discussion

Remote monitoring systems are expected to evolve into dedicated monitoring and treatment platforms. Data obtained from these systems needs to be integrated into electronic patient records as outpatient care is increasingly shifting to personalized remote care. Data exchange between all participating systems is paramount to implementing such a networking solution. The first steps have been taken, but we are still far away from a fully functional and a large-scale adoptable model, and this can be attributed to the lack of infrastructure, systems and legislature.

Conclusion

Over the last few decades, we have been hit by numerous pandemics, most recently COVID 19. Prior to COVID 19, there was an Influenza A (H1N1) epidemic, AIDS, Ebola in West Africa, and the Zika virus. The need for remote rehabilitation as a permanent health solution is highlighted by the potential for newer pandemics, the ability to follow physical distance protocols and the provision of quality medical care. The advantage of telerehabilitation is the convenience of being able to provide care from a remote location at a small cost. Research into remote rehabilitation practices remains necessary, especially in areas that require close contact with the patient for physical examination. There is a need for continued research in the domain of practicing telerehabilitation especially in specialities in which intimate patient contact is needed for a physical exam. It is high time for us to not only implement but also advocate the need of these services and make telerehabilitation an important aspect of the healthcare vertical.

CHAPTER NEWS



MIDDLE EAST CHAPTER



Middle East Chapter hosted our first couple, Director Prof. NV Ramana Rao and Mrs. Jyothi for lunch at Dubai on 15th October 2021.

HYDERABAD CHAPTER



Hyderabad Chapter has organized a get-together on 07th November 2021.

HYDERABAD CHAPTER



NITWAA former secretary Shri Seshgiri Rao trained R & D Centre Quality Circles at R & D Center NMDC Ltd.

KERALA CHAPTER COVID ACTIVITY



Supplied oxygen concentrators and cylinders at Dharmagiri hospital, Kothamangalam and government hospital Muvattupuzha.

MP CHAPTER



Family get together by MP Chapter on 31.10.2021

KOLKATA CHAPTER



NITWAA, Kolkata chapter arranged a get-together of its members on 10th September 2021 at Outram Club in the evening. The meet was attended by members both physically and virtually.

MUMBAI CHAPTER



Get-together on 26 September 2021

PUNE CHAPTER GET TOGETHER EVENT





NITWAA Pune Chapter Get together on 25 sep 2021 at The Pride, Shivaji Nagar

It was a much awaited get together event for Puneites that too post Covid, where Covid has recorded more number of cases in waves 1 and 2. Despite the scars that Covid left on NITWAA members, they tried to bring back the get-going spirit of the Life. More than 40 people gathered in the City's naval point The Pride, Shivaji Nagar. They cherished the memories of college days and other events held by NITWAA. The event started with a nice song from Rajnigandha sung by spouse of an Alumni, Mrs Meenakshi.

The President of Pune Chapter Mr Sanjeev Kulkarni welcomed the members giving a brief introduction cum background. Mr Seshu Mangalapalli, Secretary of Pune chapter hosted the event along with the fun filled game Dumb C.

The National President, Mr Alapati Prasad who traveled from Vijayawada addressed the gathering explaining the activities taken up during this tenure. He explained about the charity done during covid with the help of many fellow alumni, The GTDTC activities and their high level future plan etc.

Mr G Murali Krishna, The National of Secretary of NITWAA, who traveled from Hyderabad to attend this event explained about the Secretariat role in making this event success, the WBC activities, how the budget increased this year from around ₹10 lakh to ₹33 lakhs.

Pune Chapter felicitated Mr Iyer, the senior most member, who traveled all the way from Chennai for this event. Mr Iyer who is also the Chairman of WBC, explained its activities and processes in detail. The Chapter also felicitated a couple of members who actively participated in the event.

The event ended after a gala lunch.

VIJAYAWADA CHAPTER



Supply of oxygen concentrators and oxygen cylinders

VIJAYAWADA CHAPTER – LECTURE



Vijayawada Chapter of NITWAA (in association with The Institution of Engineers (India) and Andhra Loyola Institute of Engineering and Technology) has organized Dr. K. Koteswara Rao Memorial Lecture on 7th October 2021. Shri Murali Mohan Gade (BT / EE / 02) Scientist F, DRDL delivered a talk on "Guidance and Control of Missile Systems".

VIZAG CHAPTER



EC meeting on 17 September 2021

WARANGAL CHAPTER - TEACHERS DAY CELEBRATIONS



Senior Teachers of the institute were felicitated on September 5, 2021 on the occasion of Teachers day at NIT Warangal.

NEW TEAM FOR THE TERM 2021-23

In the Annual General body Meeting held on 03 October 2021, it was unanimously resolved to continue Er Chandragiri Sreenivas and Prof A. Venu Vinod as President and Secretary respectively. The Election Officer Prof. Puli Ravi Kumar (PhD /ME / 07, Mechanical Engg. NITW) announced the resolution in the Warangal Chapter EC meeting on 10th October 2021 in the presence of National EC members.



Prof. A VENU VINOD
SECRETARY



Sri. CHANDRAGIRI SRINIVAS
PRESIDENT

WARANGAL CHAPTER - FAMILY GET TOGETHER



Get together on 3rd October 2021



Warangal chapter organized a Family get-together on 03 October 2021 at NITW. 50 families attended the event.

Chief Patron NITWAA Prof. NV Ramana Rao Director NITW, Shri Alapati Prasad, President NITWAA, Shri Murali Krishna Gunji, Secretary NITWAA attended the event. Shri Shankar Naik (BT / CE / 91) MLA Mahabubabad graced the occasion.

The program began with introduction by participants. Musical event, jokes, anecdotes by participants were the main attractions. The event was streamed live on youtube.

It was a big success.

Youtube link: https://www.youtube.com/watch?v=xgaePa_pMNk

WARANGAL CHAPTER



Warangal chapter organized annadanam on 12th September 2021 to about 70 casual labor of NITW Hostels.

HONORS / AWARDS / DISTINCTIONS / IN NEWS



Shri ALAPATI PRASAD
BT / CE / 78

Shri Alapati Prasad, President NITWAA has been honored with Certificate of Appreciation by The Institute of Engineers (India) on the occasion of 54th Engineers' day.



Dr. AMARJOT SINGH
BT / ECE / 11

Dr. Amarjot Singh has made it to the prestigious and elite "MIT Technology Review Innovators Under 35 Asia Pacific". Dr. Singh is the CEO of Skylark Labs USA.



Prof. K. ANAND KISHORE
PhD / CHE / 14

Prof. K. Anand Kishore, Department of Chemical Engineering, NIT Warangal and Joint Secretary NITWAA has been selected for the "The Engineer of the Year Award-2021" (For Teaching) by the Institution of Engineers (India) Telangana State Centre.



Dr. SOJAN LAL
MT / CSE / 93

Principal, Mar Baselios Institute of Technology and Science (MBITS), Kothamangalam Kerala. Dr. Sojan Lal has been elected as Member of the Institution of Engineers (India) Kerala State Center representing the Computer Division.



Shri CHANDRAGIRI SRINIVAS
BT / CE / 91

Er Chandragiri Srinivas, President Warangal Chapter, DEE (Panchayat Raj, Government of Telangana) has been presented the Melvin Jones Fellow Award by the Lions Club International Foundation for his dedicated humanitarian services.



Dr. M. HEERALAL
MT / CE / 03 , PhD / CE / 13

Associate Professor Department of Civil Engineering NIT Warangal has been awarded The Best Teacher Award-2021 by Lions Club of Warangal for outstanding services in the academic field.

PATENTS BY ALUMNI



Dr. R VIJAY

BT / CHE / 90, MT / CHE / 93

Scientist-F ARCI Hyderabad has been granted a US patent for the work "A method of producing high performance lithium titanate anode material for Li-ion battery applications".



Shri VENKAT PULLELA

BT / ECE / 90

Venkat Pullela has been granted a patent for the development "System and Method of Flow State in Stateful Applications.



Prof. GVR PRASADA RAJU

PHD / CE / 2001

Rector JNTU Kakinada has been appointed as Vice Chancellor of JNTU Kakinada Attachments area.



Shri V RAJANNA

MT / CSE / 94

Shri V Rajanna, Senior Vice President and Regional Head TCS Hyderabad and former Chairman CII Telangana received special recognition from Government of Telangana for his contribution to the growth of the IT Industry in Telangana.



Prof. SRIKANTA PAL

BT / ECE / 90

Dr. Srikanta Pal Professor, Department of ECE, BIT Mesara, was conferred with APJ Abdul Kalam Teachers Excellence Award - 2020

NIT FACULTY IN WORLD RANKINGS



Prof. D. SRINIVASACHARYA

MSC / MATHS / 88, PHD / MATHS / 96

Prof. D. Srinivasacharya Professor Department of Mathematics NIT Warangal has been listed in the top 2% of researchers by Stanford University.



Prof. VT SOMASEKHAR

BT / EE / 87

Prof. VT Somasekhara Professor Department of Electrical Engineering NIT Warangal has been listed in the top 2% of researchers by Stanford University.



Shri SHANKAR SHIVARATRI
BT / MET / 94

Shri Shankar has been elected as the IEI Committee member (Metallurgical and Materials Division) Telangana State Chapter. He is working with DNV India as Sr. Inspection and Product Assurance Manager.

BACK TO COLLEGE



Shri SRINIDHI ANANTHARAMAN
BT / CE / 81

Managing Director Geodesic Techniques, Bangalore
Shri Srinidhi is a technocrat entrepreneur who has enrolled in NITW as a PhD student in Civil Engineering in 2021 at the age of 62 years.



Chandragiri Srinivas, President Warangal chapter has been declared as the Best Chapter President.



Dr. Sriram, Secretary Vijayawada chapter has been declared as the Best Secretary



Welfare and Benevolent Committee has been declared as the Best Committee.



Newsletter and Magazine Subcommittee has been declared as the Best performing subcommittee.

ALUMNI SHINE IN UPSC CIVIL SERVICES EXAM 2020



SUBHANKAR BALA
BT / ECE / 17, All India rank 79



KAVALI MEGHANA
BT / EE / 16, All India rank 83



MVNV LAKSHMI SOWJANYA
BT / CSE / 11, All India rank 127

CANDID CONVERSATIONS - YOUR CAREER MATTERS



The online event conducted by the Bangalore chapter on career guidance to the NITWAA students was held on 3rd July on the topic 'Are you in control of your career?' and 4th September 2021 on the topic 'How do you navigate your career crossroads?' from 11 am onwards. The event facilitates active experienced guidance and inputs to students on career-related aspects. This event is aimed at the students of our college NITW and is open to all the recent pass out Alumni.

It is the "Bond at Base" initiative spanning over several episodes that will be conducted at regular intervals. Will be shortly expanded to include speakers from multiple domains and multiple engineering streams. It was a well-attended event across batches of students. The event was held through the WebEx platform & there was live streaming on YouTube too.

The event was highly appreciated by the viewers and feedback was received just after the event was over on what went well and what they expect from future sessions.

Wait for more such sessions.

The YouTube link for Candid Conversations

<https://www.youtube.com/channel/UCF3fnJaevjJpVxSTb18uw>

Reunions



1978 Batch reunion at Las Vegas during 5-6 November 2021.



1990 Batch reunion at Bhubaneswar and Gopalpur, Orissa 1-3 October 2021.



2000 Mechanical Batch reunion at Dallas USA during 21-24 October 2021



1979 & 80 batch reunion at Chandigarh and Amritsar, 16-18 October 2021

1983 BATCH

1978-83 ECE Batch Virtual Meet

The 1978-83 ECE batch virtual meet took place on October 31st (Through Google Video meet).

It was exciting to see the majority of the batchmates again and hear their respective journeys since leaving the RECW in 1983.

Each one had a success story but obviously took a different path and went through many triumphs and tribulations in reaching the pinnacles.

It sure was an eclectic and enjoyable experience. All agreed to continue the virtual meets at regular intervals.

The following batchmates were present on the call.

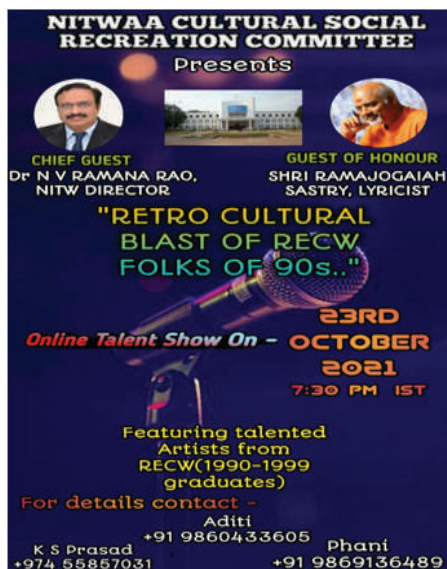
Srinivas V Atluri (USA), Ramana Rao Rayavarapu (Canada) , Sreerangam G. (USA), Jayachandra Babu Avula (USA),

Balan Ramanathan (Malaysia), Suman Kumari Boppana (Australia), Padma Chakravadhanula (India), Narender Beera (India),

Bhaskaran S. (India), Charles Dominique (India), Krishna Mohan N.V. (India), Ramakrishna P. (India)

Narendra D.S (India), Manohara Rao R. (India), Edmund K. (USA) could not join the call due to last minute issues but conveyed their

Best wishes to the batch.



RETRO CULTURAL BLAST FROM THE PAST

NITWAA Cultural Sub-Committee, under the aegis of NITW Alumni Association organized an online musical show on October 23rd, 7:30 pm - 10:00 pm IST. The program featured talented performers, mainly from the erstwhile RECW batches between 1990-99 and was titled "Retro Cultural Blast of the 90s".

The event was kick-started by host for the evening, Mr. NasySankagiri (BT / ME / 86)– Member and Mr. K S Prasad (BT / CE / 79) - Chairman, NITWAA Committee for Culture, Social and Recreational Activities. Brief introductory speeches by Mr. Alapati Prasad (BT/CE/78) -President, NITWAA and Mr. G Murali Krishna (BT / CE / 94) - Secretary, NITWAA was followed by lighting of the ceremonial lamp by Prof. N V Ramana Rao – Chief Patron NITWAA & Director, NIT Warangal.

Next came the highlight of the evening. Mr. Ramajogaiah Shastry (BT/ME/91), eminent Telugu lyricist graced us with his presence. Mr. Shastry reminisced about the days he spent as a RECW student and his passion for music. He was delighted with an audio clip of his from 1989 that was played during the program.

Mr. Shatrughan Singh (BT / CE / 92), was the compere for the evening. He regaled the online audience with anecdotes from the 90s college days and appreciated each performer with lovely words and "shero-shayari"

The initial item was a dance performance by Ms. Spurthi Diddi (daughter of Rajkumar Diddi (BT / CHE / 95)). Thereafter followed 1.5 hours of musical, instrumental and stand-up comedy items by incredibly talented performers from 1990-99 batches. The evening ended with a golden performance by senior alumni from 1970s batches.

Vote of thanks was delivered by Ms. Aditi Bhattacharya (BT / ECE / 94), Convenor - Cultural Activities. Key members of this committee, Mr. Dilip Sahoo (BT / CE / 91), Mr. Mahendran Devendran (BT / ME / 93), Mr. Phani Krishna (BT / CHE / 13) and Mr. Ramakrishna Tammineni (BT / MET / 99) monitored the event from start to finish. The creative content was delivered by Mr. Venugoud Amaragani (3rd year ECE student) and Mr. Sandeep (BE / MET / 21). The technical expertise was provided by NITW Technical Committee (Mr. Ranjith of NITWAA)

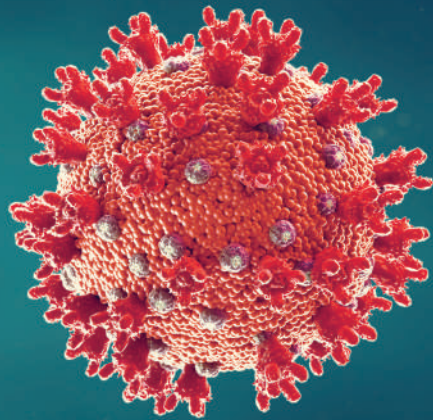
The online musical show was a grand success and helped bring together NITW/RECW alumni from across the globe, who said they felt virtually transported back to the NITW Auditorium. As on date (31st October 2021), the Youtube video for the event has 3.5k+ views and growing!

Youtubelink :<https://www.youtube.com/watch?v=85mzOpl-JcA>

NIT Warangal Alumni 1996 Batch Help During Wave 2 of COVID -19

Not all of us can do great things.
But we can do small things with great love”

Mother Teresa



Phani Kanth Raparla
BT / ECE / 96



Madhu Mathew
BT / ME / 96



Mythili Jammalamadaka
BT / CSE / 96



Pamula Kishore
BT / CE / 96

As India was impacted by wave 2 of COVID-19, medical supplies and equipment were in short supply. In the last week of April 2021, a group of friends from NIT Warangal alumni batch of 1996 in USA, felt that people of Indian origin from across the world can help India in its hour of need with good quality medical supplies. The group realized that hospital beds were not available easily for patients in India. Care in a hospital setting was moreover very costly. Patients needed oxygen supplies outside of hospital settings for all such reasons. Oxygen Concentrators (OC) in smaller settings, including home care, could help keep patients out of hospitals and reducing the burden on hospitals.

A few larger initiatives were already in place and helping the big cities and organizations. The group hence wanted to help smaller organizations who were struggling to get aid and could help patients much more easily without overheads. To prevent misuses such as hoarding and profiting, the group reached out to friends and families for references of trusted and verifiable destinations for donated equipment. Social media was leveraged efficiently. Beneficiaries were thus identified across India who met the criteria of smaller organizations across India and those who would help patients free of charge.

The first hurdle to sending OC's was to solve the procurement challenge. OC's were in short supply. Regulations in USA prevent purchasing OC through retailers in bulk supply. This was solved by reaching out to Durable Medical Equipment organizations in the USA through industry contacts. A sourcing process was put in place for procuring OC's while adhering to USA regulations. The process spanned multiple states and enabled OC's to be acquired from warehouses in California.

The next challenge was figuring out how to ship to India. The team partnered with another group of IIT alumni which had volunteers on the ground in Delhi for receiving shipments and forwarding to various addresses in India. The NITW alumni team helped the IIT alumni in procuring units, and the IIT group in turn helped in anchoring distribution from Delhi.

Parallely, around \$130,000 (Rs 95 Lakhs) funds were raised through donations. Thus, OC units were secured for medical care organizations as well as families in need, such as recovering parents. Volunteers of **Drishti Foundation USA** stepped in to help anchor order processing, publicizing the need for donations, collecting donations and tracking shipment destinations. Drishti Foundation USA volunteers also helped with PPE and other medical equipment separately for parts of Andhra Pradesh.



Key highlights

- \$130,000 worth of 127 Oxygen Concentrators were shipped to India in 4 batches. The shipments included donations worth \$56,000 for medical care organizations.
- The team also helped an IIT alumni group secure another \$150,000 worth of OC's, for a total of \$280,000 (Rs 2 crores 7 lakhs) worth of aid to India.
- These included 5L and 10L OC's of 93% concentration specification.
- 500+ services hours were put in a period of 5 to 6 weeks, from the end of April to the 1st week of June
- Units were sent to various addresses in India in 37 cities and towns across 13 states.
- The units reached 88 families and more than 21 medical care organizations including hospitals in cities to towns.

The care organizations receiving help were from Andhra Pradesh, Bihar, Telangana, Maharashtra, Tamil Nadu, Uttar Pradesh and Haryana.

LAPTOPS TO STUDENTS

In response to the appeal by Director NIT Warangal many alumni have donated laptops to the Institute to be given to economically weak students. Some students in and around Warangal have collected the laptops at the institute (as mentioned in the March 2021 issue). For other students across the country, who cannot reach the institute, NITWAA took the responsibility of sending the laptops to them.

HELP TO STUDENT



NITWAA has extended financial help (Rs. 49,000/-) to Mr. Ajay Jummidi, (MSC / CHM / 22)

DONATION OF BOOKS



On Institute foundation day 10th October 2021, books were distributed to students. B.Tech 1980 (pass out) batch has donated Rs.1 lakh worth of books.

HELP TO FAMILY



Shri Murali Krishna Gunji handed over a cheque for Rs. 1.5 lakhs to the family of late Shri G. Sreenivas (BT / ECE / 93) who passed away in 2017. The amount was contributed by his classmates.

FROM TINSEL TOWN



New Movie "Ram Asur" featuring Abhinav Sardar (BT / MET / 00).

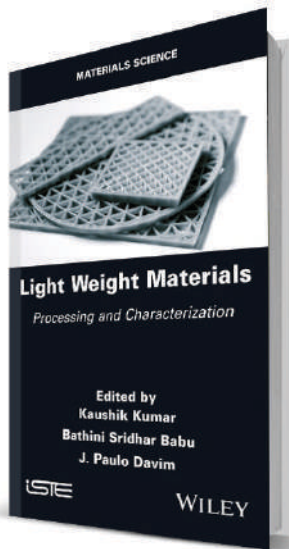


New Movie (Telugu) 'Raja Vikramarka' featuring Karthikeya Gummakonda (BT / CHE / 14)

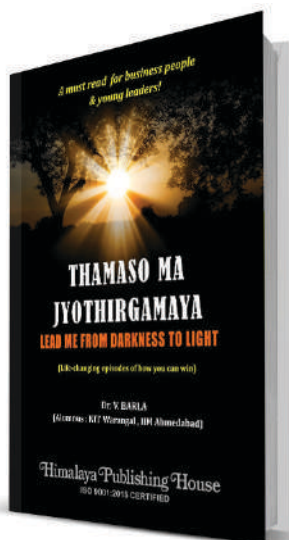


At prerelease function of Ram Asur

BOOKS BY ALUMNI



Dr. Kaushik Kumar
(BT / ME / 90)
Associate Professor
Department of Mechanical Engineering
BIT Mesra



Prof. Venkat Barla
(BT / MET / 80)
Founder, International Institute of Technology
& Management, Hyderabad
Professor and Director - BBS
Madras Christian College

PLANTATION PROGRAM AT NITW



On 2nd October 2021, Tree Plantation was held in the campus. Prof. NV Ramana Rao Director NITW and Dr. Tarun Joshi, Police Commissioner Warangal graced the occasion.

CLASSMATE COUPLES



BT / EE / 93

W. L. Ryan Perera

Vice President of Asia Content & Subsea Networks,
India & the Subcontinent, Ciena, Mumbai

Chandima Perera

Mumbai



BT / CHE / 73

Buchiramaiah

Geeta Bai



Katragadda Raghavendra Rao
BT / ME / 73

POEM

LIFE

It is a batch of pristine love
 It is a batch of brotherhood
 you ask for variety you get it
 there are intelligent
 there are lazy carefree
 there are dandies
 there are professional formal and shabby sprouting
 beards for first time. It is our batch
 There are stout fellows merry jovial fellows
 Can you beat that
 Each one a gem
 Aspiring to shine in the world
 Making a mark
 Some as academicians some managers some leaders
 Contributing and paying back to society
 Unity, one for all: all for one is the hallmark
 Live and let live is the motto
 Yonikers sharing walks notes excursions
 Evolving features contending
 With evolving opportunities for attention!
 Life has never been more full: sailing
 So fall into dire things:
 Newly acquired moustaches firing
 Imagination bell-bottoms and jeans hippie-cuts and side burns all
 Army-cuts moon shaved are there
 There; Mehta with his musical band is there
 Prasad and drama troupe are there
 Darling batch of pedagogue
 One's success is every ones
 One's misery is every ones'

OBITUARY



Prof. K. Venkatapathi Raju
Retired Professor Department
of Mathematics, NITW
Left us on 19-10-2021



Late Sri Prem Kumar
BT / ECE / 83
Left us on 15-09-2021



Sri PV Sudhakara Rao
BT / ME / 69
Retd Chief Engineer, Nellore
Left us on 15-09-2021



Sri V Rajasekhar
BT / MET / 90
DGM, Vizag Steel Plant
Left us on 21-09-2021



Sri Thiruchelvam
BT / ME / 89
Asian Development Bank, Mongolia
Left us on 23-09-2021

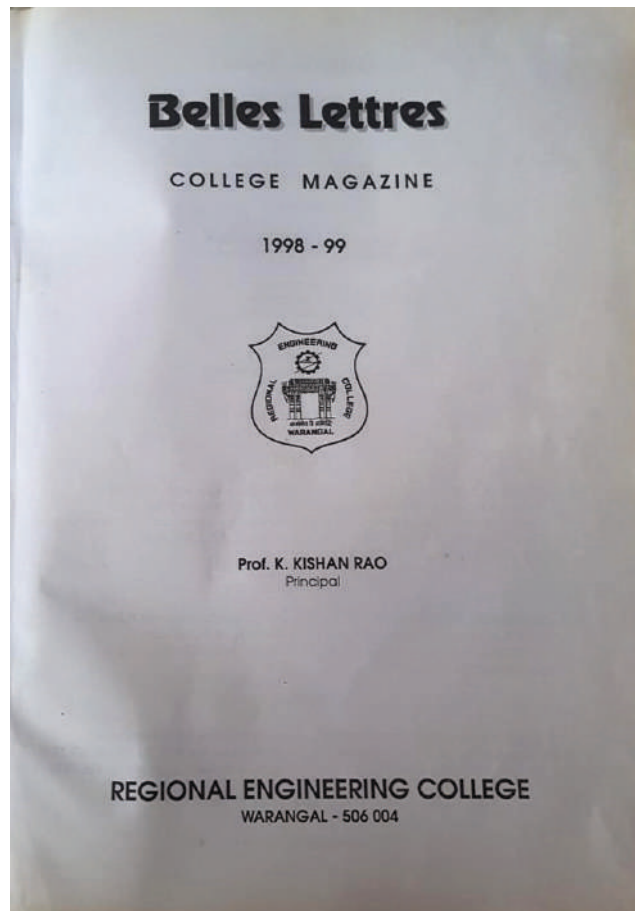


Sri Y. Narasimha Rao
BT / CE / 77
Retd. SE Water Resources Department,
Govt. of AP
Left us on 20-10-2021



Sri B. Shyam Babu
MT / CE / 86
Retd. Chief Engineer Panchayat Raj Engineering
Department (PRED), Govt of Karnataka
Left us on 25-10-2021

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