



ACCREDITED BY NAAC & NBA

THE VISION

To promote societal empowerment and become an institution of excellence in the field of engineering education, research.

THE MISSION

- To develop the students into outstanding professionals through innovative Teaching-Learning process
- To uphold research through long term Academia-Industry interaction
- To inculcate ethical standards and moral values



Education is the most powerful weapon which you can use to change the world

- Dr. A. P. J. Abdul Kalam



Shri. N. Satyanarayana Raju
Chairman



Dr. N. Prasada Raju
Secretary



Mr. N. Kanaka Raju
Treasurer

NEWSLETTER HIGHLIGHTS

Visit of NBA Team for TIER II Accreditation at Program Level

QS I - Gauge E- Learning Excellence

Placement Day Celebrations & Performers' Day (Season I & III)

Inauguration of Technology Incubation Centre and Industry - Institute Linkage



Spotlight News

HIGHLIGHTS AND ACHIEVEMENTS

- The program of CSE got accredited by National Board of Accreditation (NBA) under TIER I for three years up to June 2025
- Bagged QS I - Gauge E - Learning Excellence Award for the best e-learning practices and received the certification from Hon'ble Smt. Smriti Zubin Irani, Union Minister for Women and Child Development, New Delhi on May 12, 2022
- Celebrated Placement Day to recognise the students who have bagged job offers (600+) in MNCs and more than 330+ students are with an average CTC of Rs. 3.2 LPA on May 29, 2022
- Celebrated Performers Day on May 29, 2022 facilitating the best Academic performers in semester III and several academicians and industry experts attended the celebration and appreciated the students
- Signed Memorandum of Understanding with companies viz. Vihaan Electrix, HMI Engineering Services, ImageInnovate, Teck Team Solutions and many more during April 2022
- Inaugurated BuddicaNew Age Skill Development Centre on April 23, 2022 for nurturing new age talents among Engineering graduates (Industry Sponsored Laboratories)
- NSS organised Blood Donation Camp in association with Lions Club on April 8, 2022
- NSS organised a special camp in the nearby villages during March 21-27, 2022 to bring awareness on various social issues and health hygiene
- Inaugurated recording studio in the campus on March 11, 2022 to facilitate e-learning content development
- The Institute offered three four industry driven courses on Induction Motors, Mechatronics, Embedded Design and Python Programming with industry partner on and off the campus during the even semester of the academic year 2021 - 2022
- During the academic year 2021 - 2022, around 100 technical papers were published and 420+ online certification to a tune of 30 hours duration by the students of final year related to the capstone project



Dr. J. Raja Murugadoss
Director



Dr. M. A. Khadar Baba
Principal



NSRIT

Half-yearly Newsletter

VOL. 07



Messages from Director's and Principal's Desk

DIRECTOR'S DESK

I am much delighted to connect with all the stakeholders through this 8th edition of Prasthan, e-newsletter of NSRIT. In the recent days NSRIT is incrementally adding few innovative best practices in the academic eco-system with strong industry-institute engagement. Several best practices are being implemented in the campus by deploying LMS with unique innovative assessment tools and delivery model. I am sure that in the coming years, NSRIT will have its own credential in doing the things differently to promote learner centric environment and walk tall in line with NEP 2020.

- Dr. J. Raja Murugadoss

PRINCIPAL'S DESK

It is a matter of great pride and satisfaction for NSRIT to bring out this edition. The College has made tremendous progress in all areas of academic eco-system. The College has achieved another milestone in getting MoUs with organisations. I am confident that this issue will send a positive signal to all who are interested in Technical education. A News Letter is like a mirror that reflects a clear picture of all sorts of activities undertaken by NSRIT. I congratulate the Editorial Board of this News Letter who has played a wonderful role in accomplishing the task in Record time. Also, my heartfelt Congratulations to all members for their fruitful effort. With Best Wishes.

Dr. M. A. Khadar Baba



Inauguration of NSRIT TBI Centre & Design Space

NSRIT TECHNOLOGY BUSINESS INCUBATOR CENTRE

Dr. Satyanarayana, Director, IIT Tirupati inaugurated the NSRIT Business Incubator Centre as well as visited the augmented industry sponsored multi-disciplinary product development laboratory i.e. Design Space in the very beginning of June 2022. The TBI is on board with few popular IT and Electric Vehicle based companies for all academic and research collaborations.

DESIGN SPACE

The Design Space is predominantly focusing at present in niche skill areas viz. Robotics, AI, Machine Learning, IoT and few more interdisciplinary core areas where students get exposure in individual and team work in a multi-disciplinary setting. Few companies viz. HMI Engineering Services, Vihaan Electrix and Teck Team Solutions are part of this initiative.





Placement and Performers Day Celebrations

The Institute offered extensive placement training for the students of Class 2022 with various employability skills related to programming, reasoning, verbal, aptitude and other technical areas and offered more than 600 job offers to the students. Almost 100% of the eligible students are placed in addition to non eligible students in Multi National Companies (MNCs) viz. Wipro, TCS, CTS, 5G Test Bed, Infosys, Capgemini and many more in core and IT related companies. Also the Institute offered placement training during Nov. 2021 - Jan. 2022.





Institute - Industry Linkage

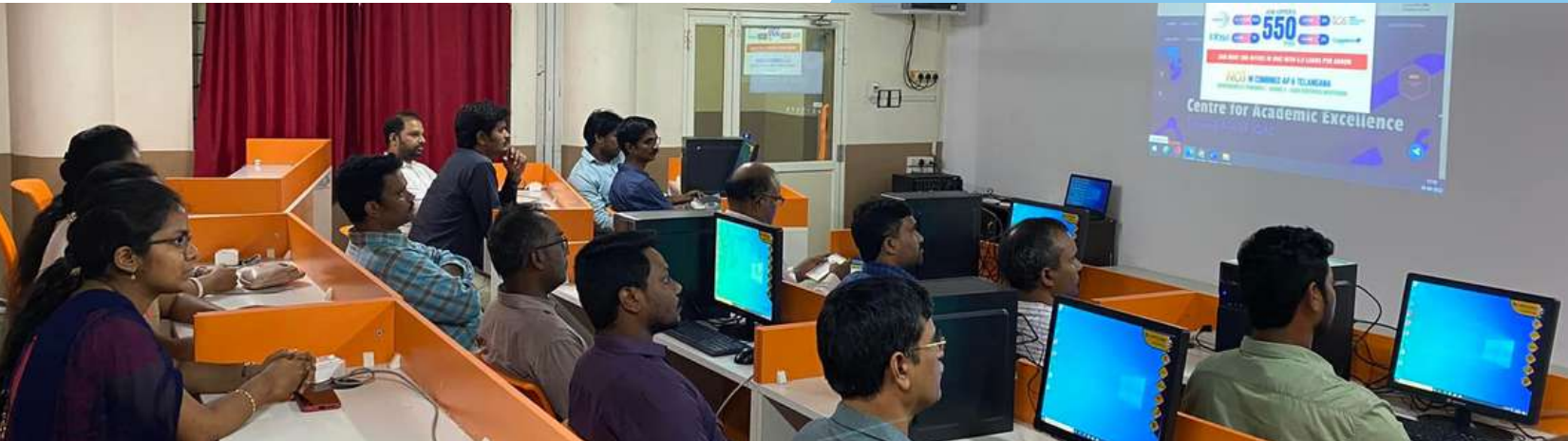
SIGNIFICANT HIGHLIGHT

The Institute has taken a significant move to strengthen the academic act-system with industry partners by providing industry driven courses at industries in association with the following companies. Around 38400 men hours of training is provide during the last six months for the students of second and third year students along with placement training for the final year.

- Centre of Excellence in Maritime & Ship Building (CEMS), Visakhapatnam
- Luca Industries International GmbH, Berlin, Germany
- ECMM, Aachen University, Germany
- AXIOM IO, Hyderabad
- Xtra Curriculum, USA
- Marutham Developers, Chennai
- HMI Engineering Services
- TEck Team Solutions
- Buddica Smart Life
- Image Innovate
- Vihaan Electrix

Recently, the institute offered four industries driven courses viz. Induction Motors, Embedded System, Mechatronics and Python taking the support of Industry experts on and off the campus.





Institute - Industry Linkage

MOU WITH VIHAAN ELECTRIX & HMI

To strengthen the institute - industry linkage, in research, the institute signed an MoU with Vihaan Electrix and HMI for collaborative research work in EV Technologies and IoT.

COLLABORATIVE RESEARCH CENTRE WITH VIHAAN ELECTRIX





Institute - Industry Linkage

INDUSTRY DRIVEN CURRICULUM

The Institute has taken a significant move in associating industries for curriculum delivery i.e. content beyond syllabi. With this background, the Institute has leveraged the MoU with CEMS, Visakhapatnam and allocated 1st and 3rd Saturday of every month for industrial training. The training was done at CEMS for a period of around 14 weeks. The training was provided by Buddica Smart Life, HMI Engineering Services, Vihaan Electrix, Jain Engineering Services and CEMS in association with their training channel partners viz. Siemens, Kuka, and other major brands in the field of PCB Design, Computer Aided Design and Basic Power Electronics. Around 150 students were trained providing transport facilities from college to the respective location. Subsequent to the training, industry based assessment was carried out to assess the learning outcomes.





HIGHLIGHTS

- The department of Civil Engineering offered an industry driven course on Building Information Modeling in association with the experts from APSSDC during June 2022 for a duration of five days
- During the academic year 2021 - 2022 the department of Civil Engineering took the privilege of offering highest package to a tune of Rs. 10 Lakhs CTC
- Organised enchanting evening on June 08, 2022 to say Bye to the outgoing students of class 2022
- The department extended its maximum support and placed several students in MNCs viz. Wipro, TCS and Byju's
- During June 2022, around 09 technical papers were published by the students of final year pertaining to the outcome of their capstone project

PUBLICATIONS

- Raja Murugadoss, Ali, Optimization of River Sand with Spent Garnet Sand in Concrete Using RSM and R Programming Packages, Journal of Nanomaterials, Volume 2022, Article ID 4620687

- Gokulan Ravindiran, Kalyani Gaddam and Killi Sunil, Experimental Investigation on Reactive Orange 16 Removal Using Waste Biomass of Ulva Prolifera, Advances in Materials Science and Engineering, Volume 2022, Article ID 7323588
- Gokulan Ravindiran, Kalyani Gaddam and Killi Sunil, Removal of Reactive Red 120 in a Batch Technique Using Seaweed-Based Biochar: A Response Surface Methodology Approach, Journal of Nanomaterials, Volume 2022, Article ID 3621807
- T. Dhillip, Ramesh Chandra Bagadi, M. Gopal Naik and Suresh Kumar N, Bi-Directional Causal Analysis using a Novel Coefficient of Causation, Asian Research Journal of Current Science, 4(1): 217-223, 2022; Article no.ARJOCS.824
- I. L. N. Prasad, K. V. G. D. Balaji, Chitti Babu Kapuganti, Ramesh Chandra Bagadi, and T. Santhosh Kumar Extracting Cluster-Level Uncertainty from K-Means Clustering—An Example of Analysis of Uncertainty Inherent to Valuation Methodologies for Multiple Construction Projects, Advances in Information Communication Technology and Computing Proceedings of AICTC 2021, ISBN 978-981-19-0618-3, ISBN 978-981-19-0619-0 (eBook), <https://doi.org/10.1007/978-981-19-0619-0>, Pages 527-554



HIGHLIGHTS AND EVENTS ORGANISED

- The program of Computer Science and Engineering (CSE) is accredited by National Board of Accreditation (NBA) for 3 years under TIER II till 2025
- Organised internal Smart India Hackathon on March 23, 2022 in association with NSRIT ACM Professional Student Body Chapter
- Organised several monthly Codathon with internal and external participants to empower the students on coding skills
- Established Buddica New Age Skill Development Centre, an industry sponsored laboratory to nurture new age talents among students during January 2022
- The department offered an industry driven one credit course on Python in association with its industry partners for the students of second year
- Organised a webinar on Career Path - Thinking on Feb. 02, 2022 taking the support of Mr. Babu, Director, Fresh Works, Hyderabad

NEW RECRUITS

- Dr. R. Srinivas, Professor
- Ms. A. Kamala Priya, Asst. Prof.





HIGHLIGHTS AND EVENTS ORGANISED

- The department of ECE has signed series of MoU with few of the companies viz. HMI Engineering Services and Teck Team Solutions to augment its Design Space laboratory for multi-disciplinary product development
- The department offered an industry driven course on "Embedded Systems" taking the support of its industry partner
- Organised a one day workshop on Machine Learning and Deep Learning using Python on April 23, 2022 in association with HMI Engineering Services for the students of ECE
- During the academic year 2021 - 2022 the department of ECE took the privilege of offering highest package to a tune of Rs. 10 Lakhs CTC along with the department of Civil Engineering and also placed few students in 5G Test Bed, core ECE



NEW RECRUITS

- Ms. E. Manemma



Hostel Day Celebration

HIGHLIGHTS AND EVENTS ORGANISED

- The department of EEE has signed a series of MoUs with companies like Vihaan Electrix and HMI Engineering Services to enter into collaborative research work on Electric Vehicle Technology (EV)
- Offered an industry driven course on Induction Motors in association with Centre of Excellence in Maritime and Ship Building (CEMS) for the students of second and third year
- Organised Hostel Day on April 22, 2022



Placement Day Celebrations



NEW RECRUITS

- Mr. R. Srinu, Assistant Professor
- Ms. S. Yamini, Assistant Professor
- Mr. K. Naveen, Assistant Professor





HIGHLIGHTS AND EVENTS ORGANISED

- The department of Mechanical Engineering offered an industry course on Mechatronics in association with its industry partner Centre of Excellence in Maritime and Ship Building (CEMS) for the students of second year
- Organised a one-day workshop on solar desalination on April 30, 2022 with Dr. Lousik, Puducherry
- Organised a webinar on Career Opportunities with Mr. Ankil Goyal on April 15, 2022 in association with ASME and SAE students chapters
- Organised a webinar on Battery Thermal Management on March 12, 2022 with Ms. Amrutha, TCS, in association with SAE Professional student body chapter
- Placed all the eligible students in IT based as well as core companies with best-in-class CTC

NEW RECRUITS

- Mr. G. Siva Sai Ram





HIGHLIGHTS AND EVENTS ORGANISED

- The department of Freshman Engineering organised the Performers Day (Season I) for the students admitted during the academic year 2021 in the very beginning of June 2022 and Dr. Satyanarayana, Director, IIT Tirupati felicitated the students along with parents for their best academic performance
- Celebrated International Women's Day on March 08, 2022 and Dy. Comdt. Alaknanda Mallam, Coast Guard, Dist. HQ, Vizag addressed the students and also series of Women Alumni Talk for a week by FEM Flora
- NSS organised
 - Blood Donation Camp in association with Lions Club on April 8, 2022
 - A special camp in the nearby villages during March 21 -27, 2022 to bring awareness on various social issues and health hygiene
 - Organised several commemorative/other events bringing awareness on social issues viz. World Water Day

- Celebrated National Science Day on February 28, 2022





HIGHLIGHTS AND EVENTS ORGANISED

- The department of MBA has successfully come out with the first batch of students admitted during 2020 under Autonomous Governance of NSRIT during June 2022
- Organised a seminar on Corporate Relations March 05, 2022 taking the support of Mr. Niranjana Kumar, Head Consultant
- The Institute felicitated Mr. D. P. Varma, faculty of MBA and TPO for his best performance in placements



Inauguration of Recording Studio



Falication of TPO for best performance

ADMISSIONS
2022 - 2023

Meritorious Scholarship Schemes for Admission 2022 - 2023

EAPCET BASED MERIT SCHOLARSHIP

LESS THAN 10000

- 100% Hostel Fee Concession
- Hi-end Laptop
- Rs. 50,000/ worth Online Certification Course
- Academic Scholarship*

10001 - 20000

- 100% Hostel Fee Concession
- Rs. 50,000/ worth Online Certification Course
- Academic Scholarship*

20001 - 25000

- 100% Hostel Fee Concession
- Rs. 50,000/ worth Online Certification Course

• Conditions apply

ACCREDITATION & RECOGNITION



CSE - Accredited by NBA (TIER II)