

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO **COLLEGE OF ENGINEERING & TECHNOLOGY**

Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada Sponsored by: SKPVV Hindu High Schools Committee, Estd: 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice: 0866-2423442, 91777 77855, Fax: 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

INTERNAL QUALITY ASSURANCE CELL



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INTERNAL QUALITY ASSURANCE CELL (IQAC)

| S.No | Name | Designation | IQAC Position |
|------|--|---|---------------------------|
| 1. | Dr.J.Lakshmi Narayana | Principal | Chairman |
| 2. | Dr.A.PathanjaliSastri | Professor & Head, Department of CSE | Coordinator |
| 3. | Dr.A.Rama Devi | Professor, FED | Member |
| 4. | Mrs.P.SriSilpa | Associate Professor, CSE | Member |
| 5. | Mrs.N.V.Mahalakshmi | Associate Professor, CSE | Member |
| 6. | Mr.B.Praveen Kitty | Associate Professor, ECE | Member |
| 7. | Mrs.A.V.Kiranmai | Associate Professor, ECE | Member |
| 8. | Mr.M.Srikanth | Associate Professor, EEE | Member |
| 9. | Mr.RavuriSubba Rao | Secretary & Correspondent, PSCMRCET | Member from Management |
| 10. | Mrs.K.Swati Chandrika | Administrative Officer | Administrative Officer |
| 11. | Mrs.P.Ramani | Manager, Finance | Administrative Officer |
| 12. | Ms.Rachana | Student, 2 nd Year CSE | |
| 13. | Mr.Somayajulu Pola | Technical Architect in Data & Al Platform at Microsoft Global Delivery | Industry Nominee |
| 14. | Mr.A.T.Kishore | CEO, Vidhyasanga Technologies Pvt. Ltd., Bangalore | Industry Nominee |
| 15. | Mr.Kuna Ashok | Embedded Software Engineer, Caterpillar India Pvt. Ltd., Engines Software Division, Diesel Engines. | Industry Nominee |
| 15. | Mr.RitchieShelson | Founder & CEO- Ritchie Media Pvt Ltd | Nominee from Alumni |
| 16. | Mr.SantoshChaluvadi | CEO, Supraja Technologies | Nominee from Employer |
| 17. | Mr.Ch.Sai Pavan (20KT1A0517) | Student | Student Member |
| 18. | Mr.A,Sivananda Kashyap (20KT1A0403) | Student | Student Member |



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The IQAC of PSCMRCET was established in 2017 in accordance with the NAAC guidelines. The IQAC of the Institution has opportunities to get inputs from various stakeholders and brings changes in the whole process to achieve academic excellence. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. The approach of IQAC has always been focused on learner-centricteaching learning process and has designed the policy to assess and evaluate it from time to time. Accordingly, IQAC complements the Teaching and Learning activities and modify after taking the review, suggestions. In order toperceive learning outcomes, the IQAC periodically reviews teaching learning process and suggests gradual and regular expansion, up gradation and addition of the requisite material, equipment, infrastructure etc.

Academic Review

The college follows a comprehensive mechanism of reviewing theteaching-learning processes and learning outcomes:

The Academic and Administrative Audit (AAA) evaluates the fulfilment of institutional parameters of planning, execution and record-keeping ofteaching and learning practices, curricular, and co- curricular activities. With theimplementation of the AAA, there is uniformity in conceptualization of thestructure and methodology of academic and extracurricular routine in everyacademic session. All the departments in the college abide by the institutionalnorms (initiated by the IQAC) such as:

- (a) Timely submission of workload requirement for forthcoming session
- (b) Timely distribution of time table among faculty
- (c) Course completion according to lesson plan; academic and extracurricular workdelegation within the department
- (d) Use of ICT in teaching practiceswhereverapplicable; execution and moderation of internal assessment(s)
- (e) Assessment oflearning-outcome by identifying high performing and low performing students
- (f) Analysis of annual examination results

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The above initiatives have been instrumental in strengthening the competitive spirit oncampus and streamlining the entire process of teaching-learning.

Review of learning-outcome takes place by evaluating students'interactions in classroom, participation in extracurricular activities, andtheir performance in internal assessment and annual examination. Everydepartment presents a report of students' academic performance during audit. The Programme Assessment Committee at the department level also reviews and regulates the practices of evaluation of students (conducted through internal assessments like unit tests, assignments, mid-term examinations, seminars, and projects.

The following are the Teaching and Learning reforms carried out by IQAC during last five years:

- a) The IQAC at PSCMRCET encourages and ensurescontinual reforms in teaching-learning methodologies. It lays impetus on the adoption student centric learning through ICT, Experiential Learning, and participatory learning in teaching practices.
- b) The teaching-learning has been supported by virtual platforms like Google Classroom, use of NPTEL video-lectures, and learning-by-doing methodologies.
- c) The institution also provides Digital library facilities like INFLIBNET-N LIST andother e-resources provide a repository of articles and e-books for teaching andresearch purposes.
- d) To complement curricular learning, participatorylearning and experiential learning takes place through Educational Tours, Industrial Visits, Community Service Projects, Field Study, Skill-Based Workshops, Pre-Placement Training and Webinars.
- e) Apart from this, capacity building programs are organised by Toast Masters Club, Rotaract Club, NSS, Industry-Institution-Interaction Cell and Entrepreneurship Development Cell (EDC) to enhance the entrepreneurial, leadership and organizationalskills.
- f) We have entered into MoUs with premier institutions and companies to conduct CertificateCoursesand Skill-Enhancement activities to sharpen the skill sets of students.

Quality Initiatives Undertaken in last five years

- 1. Strategic Planning and Academic Calendar for Effective Curriculum Delivery
- 2. Introduction of Add on/Certificate Courses to bridge the curriculum gaps and to hone the skills



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- 3. Special focus on Experiential/Participative Learning
- 4. Online Structured Feedback Mechanism
- 5. Special Programmes for Advanced and Slow Learners
- 6. Mentor-Mentee Programme
- 7. Internal Assessment Mechanism
- 8. Grievance Redressal Mechanism
- 9. Implementation of OBE and evaluation of Attainment of POs & COs
- 10. Focus on Students' Satisfaction & Regular Feedback
- 11. Promotion of Research and Publications
- 12. Platforms for Extension/Outreach activities
- 13. WI-FI Facility with more than 100mbps Internet Speed
- 14. Enrichment of IT infrastructure
- 15. Capability Enhancement Initiatives
- 16. Students' Representation in Administration
- 17. Proactive Alumni Association
- 18. Organization of Seminars/Conferences/Workshops
- 19. Internal and External Academic Auditing
- 20. Environment and Green/Energy Audit
- 21. ISO/NBA/NAAC Certifications
- 22. Framed the Code of Conduct
- 23. Celebrations of National Events/Days/Festivals
- 24. Documentation of Institutional working

INDUSTRIAL VISITS

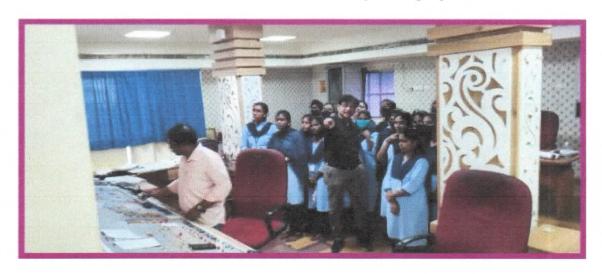
JOCIL Limited, Guntur



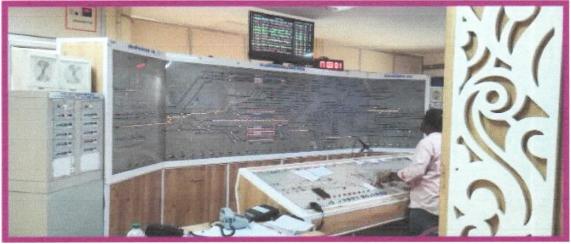
G S Alloy Castings Limited, Ramachandrapuram



E-world Software Development Centre, South Central Railway, Vijayawada







TRAINING PROGRAMMES

Career Guidance



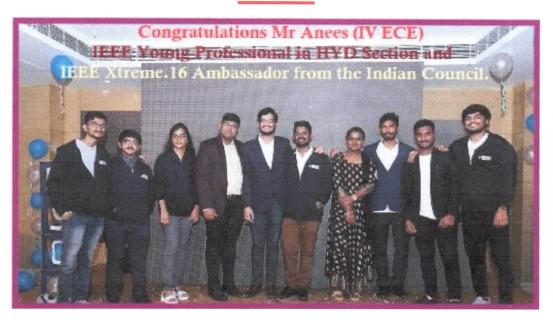
Higher Education



Entrepreneurship



TEEE



PROJECT EXPO











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IQAC

Teaching learning reforms & learning outcomes

- 1. Identification of slow learners and advanced learners
- 2. Research & innovations

INTERNAL QUALITY ASSURANCE CELL (IQAC)

The Institute continuously assesses the student performance and identifies the slow and Advanced Learners

Continuous Monitoring of each and every student

One to one interaction of students and faculty

The Institute has adopted mentoring system which is used to counsel every student by respective mentors

Performance of the students in the exams, viva and various activities

Feedback from the faculty members and mentors



Slow learners are supported through an academic counseling process

Well-designed Learning materials is provided by the course faculty to make their preparations easy to write university exams

Course faculty interacts with each student to get clarify the doubts in a better manner

Remedial classes are conducted to improve knowledge on backlog subjects

Previous year question papers are discussed to make them aware and comprehend the paper pattern

Slow learners are supported through an academic counseling process

Conduct Unit test then special revision classes organized to clarify doubts

Question banks are given to focus on important topics by each course faculty



Students are encouraged with cash prizes given by the management for first three toppers from each program

Encouraged to attend NPTEL, IIT Bombay Spoken tutorials, Coursera etc.

Students are encouraged to publish research papers in National and International journals

Bright and Diligent students are motivated and inspired to get university ranks

Students are encouraged to take up competitive exams like GATE, GRE, TOFEL etc.

Students are encouraged to participate various events like Hackathon, Paper and Poster presentations etc.

Students are encouraged to organize different curricular and co-curricular activities

Students are encouraged to practice coding in Hacker rank, Hacker earth Leet Code etc. platforms

<u>List of Qualified Students (Higher Education)</u> <u>Academic Year 2021-22</u>

| S.No | Roll Number | Name of the Student | Name of the Qualifying |
|------|-------------|--|------------------------|
| | | | Exam |
| 1 | 16KT1A0572 | VIMALA | GRE |
| 2 | 16KT1A0542 | BHAVANA KANITHI | GRE |
| 3 | 16KT1A05B1 | SRI TEJA UPPUTURI | GRE |
| 4 | 16KT1A0510 | ATHUKURI BALA SAI KUMAR | GRE |
| 5 | 10KT1A0538 | GHANTA REVATHI | GRE |
| 6 | 18KT1A0566 | RAKESH BATTINA | GRE |
| 7 | 17KT1A04B6 | RAJESH VANI | GRE |
| 8 | 17KT1A0499 | NAVEEN NAMINENI | GRE |
| 9 | 18KT5A0410 | AKHIL MADIVADA | GRE |
| 10 | 17KT1A0456 | GANASRI TELLAGADDAM | GRE |
| 11 | 18KT1A0215 | G MOHIT | GRE |
| 12 | 18KT1A0235 | R PRAVEEN KUMAR | GRE |
| 13 | 18KT1A0545 | CHINMAYA SRINIVAS PUPPALA | GRE |
| 14 | 18KT1A0589 | NIKHIL SAI | GRE |
| 15 | 18KT1A0235 | RAYANKULA PRAVEEN | GRE |
| 16 | 16KT1A0552 | GOPISHETTY MEGHANA | GRE |
| 17 | 16KT1A0513 | B.RAM CHARAN NAIK | GRE |
| 18 | 18KT1A0518 | JAYASRI VEERA MANASA M. THAMBABATHULA | GRE |
| 19 | 18KT1A0576 | MAYUSHA D | GRE |
| 20 | 16KT1A05C0 | ZILLA, SASANK | GRE |
| 21 | 17KT5A0516 | MADDI, LIKITH | GRE |
| 22 | 18KT1A0585 | SAI MALLIKA KASINIKOTA | GRE |
| 23 | 17KT1A0463 | N V CHAITANYA KUMAR AKULA | GRE |
| 24 | 18KT1A0535 | MEGHANA KONATHAM | GRE |
| 25 | 16KT1A0572 | VIMALA | IELTS |

| 26 | 18KT1A0553 | | IELTS |
|----|------------|----------------------------|-------|
| 20 | 1811140333 | CHANDANASREE SUNKARA | |
| 27 | 16KT1A05B1 | SRI TEJA UPPUTURI | IELTS |
| 28 | 14kt1a0465 | M ZAIN MUNNISA BEGUM | IELTS |
| 29 | 17KT1A0499 | NAVEEN NAMINENI | IELTS |
| 30 | 18KT1A0566 | RAKESH BATTINA | IELTS |
| 31 | 18KT1A0545 | CHINMAYA SRINIVAS PUPPALA | IELTS |
| 32 | 18KT1A0589 | NIKHIL SAI | IELTS |
| 33 | 18KT1A0235 | PRAVEEN KUMAR | IELTS |
| 34 | 10KT1A0208 | BALLUEPALLI TANUJA | IELTS |
| 35 | 16KT1A0552 | GOPISHETTY MEGHANA | IELTS |
| 36 | 12KT1A0568 | NANDIPATI HARSHA SAI DURGA | IELTS |
| 37 | 12kt1a04a2 | PRASANNA TELLURI | IELTS |
| 38 | 18kt5a0406 | PAVAN RAGHAVENDRA SAI | IELTS |
| 39 | 18kt1a0412 | D DHANYA NIKITHA | IELTS |
| 40 | 17KT1A0457 | MANIKANTA PRAVEEN T | IELTS |
| 41 | 18KT1A0203 | HARIKA.V.S.D.N.L.A | GATE |

Academic Year 2020-21

| S.No | Roll Number | Name of the Student | Name of the Qualifying |
|------|-------------|----------------------------------|------------------------|
| | | | Exam |
| 1. | 17KT1A04A7 | CH.RAMA CHANDRA PRABHU | GATE |
| 2. | 18KT5A0114 | CHARAN SERU | GATE |
| 3 | 17kt1a0246 | NARESH VEERAMSETTY | GATE |
| 4 | 16KT1A0469 | SRAVANTHI STL | GATE |
| 5 | | MADUPALLI SRI LAKSHMI CHARITA | GATE |
| 6 | 17KT1A0426 | KAVYA GOLI | GRE |
| 7 | 16kt1A05b6 | VINEETHA CHOWDARY VEMULAPALLI | GRE |
| 8 | 15x41A0538 | MEGHANANA MUPALLA | GRE |
| 9 | 16KT1A0530 | OMKAR AVINASH DURGASI | GRE |
| 10 | 16KT1A0526 | ASWIN DUTT DAMMALAPATI | GRE |
| 11 | 13kt1a0532 | MARY ANUSHA CHALAMALASETTY | GRE |
| 12 | 17KT1A0414 | LAKSHMI KAVYA REDDY BATHULA | GRE |
| 13 | 17KT1A0462 | AKHIL BOLLU | GRE |
| 14 | 17kt1a0456 | GANASRI TELLAGADDAM | GRE |
| 15 | 18kt5a0410 | AKHIL MADIVADA | GRE |
| 16 | 17KT1A0497 | M YAMINI | GRE |
| 17 | 16kt1a05b6 | VINEETHA CHOWDARY VEMULAPALLI | IELTS |
| 18 | 15x41a0538 | MEGHANANA MUPALLA | IELTS |
| 19 | 16KT1A0530 | OMKAR AVINASH DURGASI | IELTS |
| 20 | 11kt1a0510 | | IELTS |
| 21 | 16KT1A0542 | KANITHI BHAVANA | IELTS |
| 22 | 17KT1A0414 | LAKSHMI KAVYA REDDY BATHULA | IELTS |
| 23 | 17KT1A0497 | MUNAGA YAMINI | IELTS |

SPORTS DAY

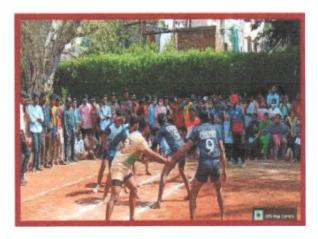












TEACHERS DAY









NSS Activities



















Women's Day





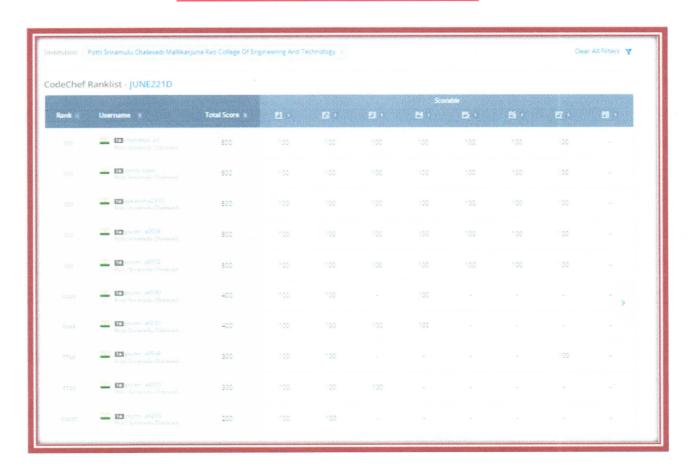


Rotract Club Activities





CODECHEF RANKINGS



Chaitanya paidi, RAAVI VAMSI SRINIVAS, Aakansha, MOHAMMAD SHAMA, RANGA MOHANA SWETHA, Bhavana Kandikattu solved 8 out of 9 problems and they achieved 300 rank out of 20197 participants.

AICTE -INTERNSHALA



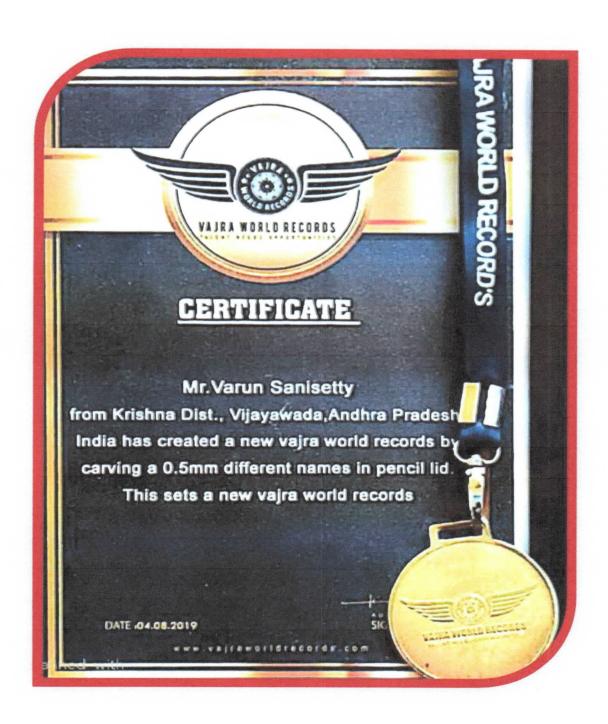


With INTERNSHALA CEO Sarvesh Agarwal, AICTE Chairman Prof Anil D Sahasrabudhe along with Dr K Nageswara Rao receiving the award and token of appreciation

Mr. S. Varun **16KT1A0591** Achieved a place in "**INDIA BOOK OF RECORDS**" for making the smallest Indian map (4mm * 4mm) on pencil lead on July 24th 2019.



Mr. S.Varun **16KT1A0591** Achieved a place in "VAJRA WORLD RECORDS" by carving a 0.5mm different names in pencil lid.



G.Harinadh 17KT1A0587 has secured gold medal in 4th National **kungfu** championship NISKIN CUP 2019.



PARTICIPATION CERTIFICATE







CERTIFICATE OF APPRECIATION

RAMADEVI AMARA

Humanities and Social Sciences for being recognized as NPTEL DISCIPLINE STAR JUL-DEC 2021

Devendra galibal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras



