

TECHNICAL MAGAZINE

MECH MANTRA



JULY TO DECEMBER 2019
VOLUME : 09

Department of
MECHANICAL ENGINEERING

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IV year, ME

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III year, ME

Mr. D Ravi Teja

II year, ME

ESSAGES



Chairman's message

It gives me great happiness to note that the Department of Mechanical Engineering, NEC is bringing out the volume- 08 of the Department technical magazine, “Mech Mantra”. From the first edition, I understand that this magazine is intended to bring out the hidden literary talents in the students and also to inculcate leadership skills among them. The newsletter has served as a platform for the students to share their knowledge and ideas. I expect the contributions to this magazine to be of high standard and quality. I wish all the success for this venture.



Vice Chairman's message

I feel extremely delighted to observe that the department of Mechanical Engineering is coming out with a magazine this year also with the dedicated and committed efforts of the faculty and the students of the Editorial Board. The activity depicts the commitment and involvement of students and their thirst for knowledge.

I congratulate the efforts of the members of the Editorial Board in bringing out the volume-08 of the magazine. It is because of their selfless and untiring efforts that we see the magazine enriched with variety of articles.



Principal's message

The magazine of the department is the reflection of the creativity of the students, involved in multifarious activities. It speaks about their imaginative creativity through the medium of a language given in literary and artistic shape.

I feel gratified to see that the department is doing its best in carrying out the mission of grooming the students as such professionals who are not only competent enough to combat the challenges in their life but also become good human beings with moral excellence and social sensitivity



HOD's message

I feel privileged in presenting the volume-08 of our department association magazine. I would like to place my sincere and heartfelt thanks to all those who have contributed to make this effort a success. My special thanks to the Management, for their guidance which enabled us to bring out this volume-08.

The magazine has a variety of articles endowed with different subjects contributed by the students of our department and their participation in various activities round the year.

I extend my gratitude to the entire team of the Editorial Board for their constant exertion, revision and support in bringing out the magazine in the present form.

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WIND TURBINE

Power generation from wind is the function of the wind speed. Wind power is produced by the conversion of wind energy such as using wind turbines to generate electricity, windmills for mechanical power, and wind pump for water pumping. So the wind power has been proved the potential source of generating of wind.



Vetcha Manikanta,
IV Year ME

SPIN BROOM MACHINE

When compared to other sweeping machines our spin broom machine is easy to handle and more space can be clean in less time. This provide the best service to clean the roads. This cleaning equipment have been introduced to offer the modern solution for easy and quick sweeping. By using this device the labour cost and cleaning time will be reduced.



Shaik Janibasha

IV Year ME

FABRICATION OF MULTI PURPOSE MACHINE

Industries are basically meant for production of useful goods and services at low production cost, machinery cost and low inventory cost. So in this project we have proposed a machine which can perform operations like cutting, grinding, drilling at one place simultaneously.

The machine perform multi-purpose operations at a time with required speed and this machine is automatic which is controlled or operated by motor which is run with the help of current.

In this machine, two shafts are used. On one shaft bevel gear mechanism is introduced for transmission of power at two locations.



Balagani Mahesh
III Year ME

MOTORISED QUICK RETURN MECHANISM PISTON

The main aim of our project is to fabricate crank and slotted lever mechanism. All industries want high work output in less time. So, we are preparing in that way it produce required amount of work in less time. And also we are decide to fabricate less weight and occupy small area. This mechanism is purpose is to convert rotary motion into reciprocating motion. We think that to utilize this motion into any required work. And in this mini project we mentioned main parts only. So, the main parts are slotted lever and type spur gear used. The fabrication of crank and slotted lever mechanism requires only less time. so the fabrication do not take more time and the fabrication process is also very important. Mainly we focus on slotted lever length and diameter of the spur gears. These are main components; these can make performance of the mechanism. Finally, we fabricated crank and slotted lever mechanism by our own hands. so, all are helps to do the project in in time and mechanism is fabricated.



**Budide Sundar Raju,
II Year ME**

FACULTY PUBLICATIONS:

- Dr..B.Venkata Siva professor published a Journal paper entitled **“Effect of modifier oxides on spectroscopic and optical properties of Pr³⁺ doped PbO-Ro₂O₃-WO₃-B₂O₃ glasses (with Ro₂O = Sb₂O₃, Al₂O₃, and Bi₂O₃)”** Journal of Luminescence (Accepted for Publication LUMIN_2020_938-Elsevier Publisher, IF-3.28, SCI Indexed).
- P.Sravani Assistant professor published a Journal paper entitled **“Experimental investigation on a diesel engine performance and emission characteristics with exhaust gas recirculation (EGR) system fuelled with cotton seed oil and tyre oil biodiesel”** International journal of analytical and experimental model analysis, Vol XII, Issue VII, August-2019.
- Dr.B.Venkatasiva professor published a Journal paper entitled **“Influence of modifier oxides on spectroscopic features of Nd₂O₃ doped PbO-Mo₂O₃-WO₃-B₂O₃ glasses(with Ro₂O₃ = Sb₂O₃, Al₂O₃, and Bi₂O₃)”** Journal of Luminescence (Accepted for Publication LUMIN_2020_938-Elsevier Publisher, IF-3.28, SCI Indexed).
- Dr.B.Venkatasiva professor published a Journal paper entitled **“Experimental Studies of Mechanical Properties and Tribological Behaviour of Aluminium Composite Reinforced With Coconut Shell Ash Particulates”** Int. J. Materials Engineering Innovation, 2019, Vol. 9, No.2, pp. 140-157. Inderscience Publishers-Scopus indexed-SNIP-.326,Cite Score-.36
- Dr.D.Jagadish professor published a Journal paper entitled **“Aerodynamic Performance of Micro Aerial Wing Structures at Low Reynolds Number”**,INCAS BULLETIN, Volume 11, Issue 1/ 2019, pp. 107 – 120 (P) ISSN 2066-8201, (E) ISSN 2247-4528.
- Dr.D.Jagadish professor published a Journal paper entitled **“BEM Prediction of Wind Turbine Operation and Performance”**, International Journal Of Renewable Energy ResearchVassishta Bhargava et al., Vol.8, No.4, 2019.
- K. Ayyappa Swamy Assistant professor published a Journal paper entitled **“The Numerical analysis Of Bubble Growth And Bubble frequency In Nucleate Boiling Using Nanofluids”**, in the International Journal of Mechanical and Production Engineering Research and Development, no.9, Issue 3, Jun 2019, pp.1259-1274.
- Dr.Suneel Donthamsetty professor HOD-ME and Penugonda Suresh Babu professor published a Journal paper entitled **“Investigations on Hardness, Machinability and Electrical Conductivity of A356 Nanocomposites Reinforced with Sic Nanoparticles (Synthesized through Stir casting allied Ultrasonic Assisted Cavitation)”**, International Conference on Advances in Material Science & Mechanical Engineering (ICAMSME 2020), 7th to 9th Feb 2020, N.B.K.R. Institute of Science & Technology (Autonomous), Vidyanagar, Nellore Dist,

INVESTIGATION ON MECHANICAL PROPERTIES OF A356 NANOCOMPOSITES FABRICATED BY ULTRASONIC ASSISTED CAVITATION

Suneel Donthamsetty* and Nageswara Rao. D

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Abstract: This paper presents mechanical properties of A356 matrix nanocomposites fabricated by reinforcing nano silicon carbide (SiC) particles at 0.1 to 0.5 weight percent with the aid of ultrasonic cavitation. SiC nanoparticles synthesized by bottom-up and top-down approach are used in this work as reinforcements and change in mechanical properties are observed. For comparison, A356 matrix composite reinforced with microparticles at 0.5 wt% by stir casting also prepared. Till now, SiC nanoparticles produced by bottom up approach were used as reinforcements in A356 alloy by so many researchers to improve mechanical properties. But in this work, nanoparticles produced by high energy ball milling (Top-down approach) are also used as reinforcements. It is observed that there is reduction in tensile properties for the composites prepared using nanoparticles via top down approach than that of bottom up approach. But significant increase compared to the composites prepared by reinforcing same amount of microparticles by stir casting. The reasons may be due to the non-uniformity in size of particles and contamination while milling nanoparticles. However, the change in properties is less and use of nanoparticles via top down approach is admissible when compared to the cost of nanoparticles synthesized from bottom up approach or chemical routes.

Key Words: Ultrasonic Cavitation, Nanocomposites, Metal Matrix, A356 alloy, SiC.

INTRODUCTION

There are two approaches to the synthesis of nanomaterials and the fabrication of nanostructures; viz top-down and bottomup. Top down approach involves the breaking down of the bulk material into nano sized structures or particles. These techniques are an extension of those that have been used for producing micron- sized particles. An example of such a technique is high energy ball milling. The difficulty with top-down approaches is ensuring all the particles are broken down to the required particle

nanostructures with less defects, more homogeneous chemical composition. But production rates of nano powders through bottom up approach are very less i.e. few grams per day.

Casting, as a liquid phase process, is well known for its capability to produce products with complex shapes. It will be desirable to produce as-cast light weight components of Metal Matrix Nanocomposites (MMNCs) with good reinforcement distribution and structural integrity. However, nano-sized ceramic particles present difficult problems: it is extremely difficult to disperse them uniformly in

**Dr.Suneel Donthamsetty Professor HOD-ME
ME Dept.**

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Effect of modifier oxides on spectroscopic and optical properties of Pr^{3+} doped $\text{PbO-R}_2\text{O}_3\text{-WO}_3\text{-B}_2\text{O}_3$ glasses (with $\text{R}_2\text{O} = \text{Sb}_2\text{O}_3, \text{Al}_2\text{O}_3$, and Bi_2O_3)

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ARTICLE INFO

Keywords:

Rare-earth oxide
Modifier oxide
Optical absorption
Emission spectra
CIE coordinates

ABSTRACT

Praseodymium (Pr_2O_3) doped $\text{PbO-R}_2\text{O}_3\text{-WO}_3\text{-B}_2\text{O}_3$ glasses were prepared by melt quenching method and their optical absorption and emission spectra were characterized, for three different heavy metal oxides ($\text{R}_2\text{O}_3 = \text{Sb}_2\text{O}_3, \text{Al}_2\text{O}_3$, and Bi_2O_3). The characteristics of the glass matrix are confirmed by X-ray diffraction spectra. Many structural properties can be identified by Fourier Transform infrared spectra of the glasses, such as PbO , B_2O_3 , and WO_3 . From the optical absorption spectra, the absorption edges, and the values of direct and indirect band gap transitions and Urbach energies were calculated. The oscillator strengths of the absorption bands were determined by the Judd-Ofelt model, and the Judd-Ofelt intensity parameters Ω_2 , Ω_4 , and Ω_6 were calculated for each of the studied glasses. Moreover, the nephelauxetic ratio β , bonding parameter δ , and optical basicity Λ^{th} were also calculated to characterize the bonding nature of the Pr^{3+} rare-earth ions. From the emission spectra, spontaneous radiative transition probability A_r , total radiative transition probability A_T , luminance branching ratio β_r , and radiative life time τ_{rad} were calculated. From the spectra, the CIE color coordinates were also calculated for all the studied glasses. This research confirms that the studied materials are

**Dr.B.Venkata siva , professor,
ME Dept.**

FACULTY ACHIEVEMENTS:**WORKSHOPS/CONFERENCES/ WEBINARS/FDPS/QUIZ/ATTENDED**

- Dr.B.Venkata Siva professor has attended a eight day Workshop on “**FDP Applied Robotics Control Lab**”, organized by Indo-European Skilling Cluster for Mechatronics and manufacturing by European Centre at VIT- Amaravathi during 05/08/2019 to 12/08/2019.
- R.Ravindranath Assistant professor has attended a three day Workshop on “**International Conference on Advances in Renewable Energy and Green Technology, ICARE-2019**”, organized VIT- Amaravathi during 22/08/2019 to 24/08/2019.
- Dr.B.Venkata Siva professor has attended a five day Workshop on “**Mechatronic Systems and Product Design**”, organized Gthe lobal initiative of Academic Network at NIT- Warangal during 16/12/2019 to 20/12/2019.

DEPARTMENT ACTIVITIES

- Department has Organized a Six day short term training program on “**EMPLOYABILITY SKILLS**”, in association with NANDI (NGO) Foundation, MAHINDRA & MAHINDRA & APSSDC for final year students during 01/07/2019 to 06/07/2019.



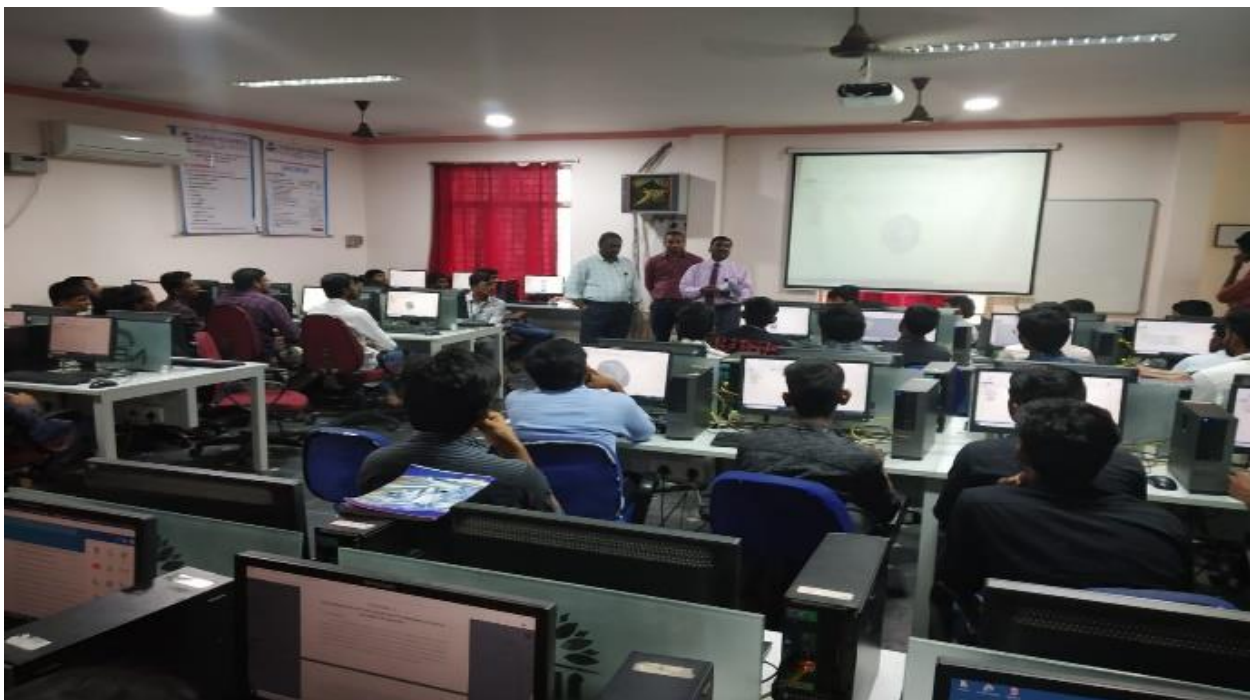
- Department has organized a Five day short term course on “**EFFECTIVE TEACHING**”, in association with NITTTR –Kolkata during 15/07/2019 to 19/07/2019.



- Department has organized a One day guest lecture on “**Light Weight Composites For Space Applications**”, by Dr.P.S.Ramasreekanth Associate Professor, VIT, Amravati, acted as a resource person on 20/07/2019 .



- Department has organized a six day training program on “**SOLID EDGE**”, in association with APSSDC for third year students during 22/07/2019 to 27/07/2019.



- Department has organized a Five day short term course on “**Rural Development Through Technical Institution**”, in association with NITTTR –Kolkata during 29/07/2019 to 02/08/2019.



- Department has organized a Five day short term course on “**ADVANCES IN MANUFACTURING**”, in association with NITTTR –Chandigarh during 09/09/2019 to 13/09/2019.



- Department has organized a “ARC LAB”, Inauguration program by Honorable MP L.Srikrishna devarayulu garu ,and MLA Gopi reddy srinivas reddy garu and NEC Honorable Chairman M.Koteswararao garu, Vice chairman M.Chakravarthi garu, NEC Secretary M.Ramesh babu garu participated in this on 02/11/2019.



- Department has organized a One week Faculty development program “**DESIGN AND MANUFACTURING ON 3D EXPERIENCE PLATFORM**”, in association with NITTTR – Kolkata during 29/07/2019 to 02/08/2019.



- Department has organized a One week short term course for final year students on **“INDUSTRIAL ROBOTICS & FIELD INSTRUMENTS”**, in association with AGIIT-Chennai during 26/11/2019 to 30/11/2019.



- Department has organized a One week workshop for second year mechanical students on **“AUTOCAD”**, in association with APSSDC during 23/12/19 to 28/12/19.



- Department has organized a Guest lecture for Third year Mechanical students on “**TYPICAL SOFTWARE OPPORTUNITIES FOR MECHANICAL ENGINEERS**”, by Dr.G.Srinivasarao Lead Engineer at Aero Thermal Lab ,Global research center, Bangalore on 30/12/2019.



- Department has organized NSS program on “**CHLORINATION**”, by final year students on 16/07/2019.



INDUSTRAIL VISITS

- 50 Students from Third year Visited “**CARRIAGE & WAGON Workshop**”, Guntur as a part of industrial visit on 14/07/2019.



- 50 Students from Third year Visited “**CARRIAGE & WAGON Workshop**”, Guntur as a part of industrial visit on 16/07/2019.



- 50 Students from Third year Visited “**CARRIAGE & WAGON WORKSHOP**”, Guntur as a part of industrial visit on 18/07/2019.



- Students from Third year Visited “**CARRIAGE & WAGON Workshop**”, Guntur as a part of industrial visit on 19/07/2019.



- Students from Third year Visited the “**CARRIAGE & WAGON WORKSHOP**”, Guntur as a part of industrial visit on 20/07/2019.



- Students from Third year Visited “**CARRIAGE & WAGON WORKSHOP**”, Guntur as a part of industrial visit on 23/07/2019.



- 50 Students from final year Visited “KUSALAVA INTERNATIONAL LIMITED”, Adavinekkalam, Vijayawada as a part of industrial visit on 17/08/2019.



- 50 Students from final year Visited “KUSALAVA INTERNATIONAL LIMITED”, Adavinekkalam, Vijayawada as a part of industrial visit on 18/08/2019.



- Students of second year A section visited “KUMAR PUMPS”, Tenali Guntur as a part of Industrial visit on 22/08/2019.



- Students of second year B section visited “KUMAR PUMPS”, Tenali Guntur as a part of Industrial visit on 22/08/2019.



- Students of second year visited “**SAGAR CEMENTS POWER PLANTS**”, Nakarikallu Narasaraopet as a part of Industrial visit on 27/12/2019.



STUDENT PARTICIPATIONS/ CERTIFICATIONS

- T.Akhil sai (17471A0301) third year student has participated in **“Paper Presentation”**, organized by JNTU-N Narasaraopet on 26/09/19.
- Students from Mechanical Second year participated and won second prize in **“Kabaddi”**, game at KallamHaranadha reddy during 12/09/2019 to 13/09/2019.
- Students from Mechanical third year participated and in **“Volley Ball”**, game at NRI Institute of Technology during 13/09/2019 to 14/09/2019.
- Students from Mechanical Second year participated and won second prize in **“Volley Ball”**, game at KallamHaranadha reddy during 13/09/2019 to 14/09/2019.
- Y.Pradeep (18471A0336) second year student has attended in **“Technical Quiz”**, organized by A.M.Reddy college of Engineering & technology during 28/12/2019 to 29/12/2019.
- Five students from third year mechanical have participated in **“Technical Quiz”**, organized by PALNADU SSN College -Narasaraopet during 28/12/2019 to 29/12/2019.
- K.Sandeep (18471A0322) second year student has attended in **“Technical Quiz”**, organized by A.M.Reddy college of Engineering & technology during 28/12/2019 to 29/12/2019.
- Students from Mechanical Second year participated and won second prize in **“Kabaddi”**, game at KallamHaranadha reddy during 12/09/2019 to 13/09/2019.

CAMPUS PLACEMENTS

Students of Mechanical got selected in various companies listed below.

| S.NO | ROLL NUMBER | NAME | COMPANY | PACKAGE(LPA) |
|------|-------------|---------------------------------|------------------------------------|--------------|
| 1 | 16475A0333 | SHAIK SALEEM | SUPER AUTO FORGE PVT LTD | 1.44 |
| 2 | 16475A0338 | BELLAPU NAIDU | SUPER AUTO FORGE PVT LTD | 1.44 |
| 3 | 16475A0339 | CHANDRAGIRI SAICHARAN | SUPER AUTO FORGE PVT LTD | 1.44 |
| 4 | 15471A03C7 | CHIGULLA PAVAN | SL Corporation | 1.32 |
| 5 | 15471A03E3 | CHUKKA NAVEEN | SL Corporation | 1.32 |
| 6 | 15471A03F8 | VALLEM VEERA MANIKANTA | SL Corporation | 1.32 |
| 7 | 15471A03G2 | NERUSU GOPI | SL Corporation | 1.32 |
| 8 | 15471A03G6 | SOMEPELLI POORNA CHANDRA RAO | SL Corporation | 1.32 |
| 9 | 16475A0329 | SHAIK NABHI SAHEB | SL Corporation | 1.32 |
| 10 | 15471A03G3 | MEDIKONDA SAI KRISHNA | SAVANTIS | 1.82 |
| 11 | 15471A0318 | JANNU TEJA PHANINDRA | PRAKASA SPECTRO CAST PVT LTD | 0.96 |
| 12 | 15471A0326 | TATIKONDA M MANIKANTA SAI | PRAKASA SPECTRO CAST PVT LTD | 0.96 |
| 13 | 15471A0340 | KANALA VENKATA ANJANEYULU | PRAKASA SPECTRO CAST PVT LTD | 0.96 |
| 14 | 15471A0366 | AVULA VENKATAPPAIAH | WICKEDRIDE | 1.8 |
| 15 | 15471A0373 | N.RAJESH | WICKEDRIDE | 1.8 |
| 16 | 15471A03D1 | I.PREM KUMAR | WICKEDRIDE | 1.8 |
| 17 | 15471A03E9 | A. SAI KUMAR | WICKEDRIDE | 1.8 |
| 18 | 15471A03F0 | M.ANIL KUMAR | WICKEDRIDE | 1.8 |
| 19 | 16475A0337 | SHAIK AMEER BASHA | WICKEDRIDE | 1.8 |
| 20 | 15471A0385 | SHAIK BUDAN SATTAR | TECHMAHINDRA BPO | 2.7 |
| 21 | 15471A03B4 | SHAIK ABBAS | TECHMAHINDRA BPO | 2.7 |

| S.NO | ROLL NUMBER | NAME | COMPANY | PACKAGE(LPA) |
|------|-------------|--------------------------------|-----------------------------|--------------|
| 22 | 16475A0302 | SHAIK ABDUL MOBEEN | TECHMAHINDRA BPO | 2.7 |
| 23 | 15471A0303 | VASANTH SAIDULU DUDEKULA | SURYA TECH | 1.8-2.4 |
| 24 | 15471A0335 | KONKAYALA V THIRUMALA REDDY | SURYA TECH | 1.8-2.4 |
| 25 | 15471A0341 | DAMMAVALAM M NI NAVEEN | SURYA TECH | 1.8-2.4 |
| 26 | 15471A0345 | MORRAMSETTY RAMANJANEYULU | SURYA TECH | 1.8-2.4 |
| 27 | 15471A0363 | SATULURI TARUN SAI KUMAR | SURYA TECH | 1.8-2.4 |
| 28 | 15471A0380 | VEMULA SAI KUMAR | SURYA TECH | 1.8-2.4 |
| 22 | 16475A0302 | SHAIK ABDUL MOBEEN | TECHMAHINDRA BPO | 2.7 |
| 23 | 15471A0303 | VASANTH SAIDULU DUDEKULA | SURYA TECH | 1.8-2.4 |
| 24 | 15471A0335 | KONKAYALA V THIRUMALA REDDY | SURYA TECH | 1.8-2.4 |
| 25 | 15471A0341 | DAMMAVALAM M NI NAVEEN | SURYA TECH | 1.8-2.4 |
| 26 | 15471A0345 | MORRAMSETTY RAMANJANEYULU | SURYA TECH | 1.8-2.4 |
| 27 | 15471A0363 | SATULURI TARUN SAI KUMAR | SURYA TECH | 1.8-2.4 |
| 28 | 15471A0380 | VEMULA SAI KUMAR | SURYA TECH | 1.8-2.4 |
| 29 | 16475A0307 | AMBATI VENKATA GOPI RAJU | SURYA TECH | 1.8-2.4 |
| 30 | 16475A0308 | BHADRACHALAM SREE CHARAN | SURYA TECH | 1.8-2.4 |
| 31 | 16475A0315 | PARUCHURI NAGARJUNA | SURYA TECH | 1.8-2.4 |
| 32 | 16475A0321 | RUDRU VENKATESH | SURYA TECH | 1.8-2.32 |
| 33 | 16475A0328 | SHAIK RAFI AHAMMEI | SURYA TECH | 1.8-2.4 |
| 34 | 16475A0330 | MALAPATI TIRUPATHIRAO | SURYA TECH | 1.8-2.4 |
| 35 | 16475A0332 | CHENNAMSETTY GOPINADH | SURYA TECH | 1.8-2.4 |
| 36 | 16475A0341 | MUJAVAR SUBHANI | SURYA TECH | 1.8-2.4 |
| 37 | 16475A0344 | BAYYA SRIKANTH | SURYA TECH | 1.8-2.4 |
| 38 | 15471A0315 | GUDA KAUSHIK | SUPER AUTO FORGE PVT LTD | 1.44 |
| 39 | 15471A0368 | PASUPULETI PARDHASARADHI | SUPER AUTO FORGE PVT LTD | 1.44 |
| 40 | 15471A0388 | ADAPA ADITYA SAI | SUPER AUTO FORGE PVT LTD | 1.44 |

| S.NO | ROLL NUMBER | NAME | COMPANY | PACKAGE(LPA) |
|-------------|------------------------|--------------------------------|--------------------------------|---------------------|
| 41 | 15471A0389 | KOMMA V KRISHNA PRASAD | SUPER AUTO FORGE PVT LTD | 1.44 |
| 42 | 15471A03A0 | ANNADASU MANIKANTA | SUPER AUTO FORGE PVT LTD | 1.44 |
| 43 | 15471A03A5 | SHAIK AFREED | SUPER AUTO FORGE PVT LTD | 1.44 |
| 44 | 15471A03A7 | CHATTALA BHARGAVA RAMUDU | SUPER AUTO FORGE PVT LTD | 1.44 |
| 45 | 15471A03B2 | PATHRI GOPIKRISHNA | SUPER AUTO FORGE PVT LTD | 1.44 |
| 46 | 15471A03F1 | NADIKATTU S NAGESWARA REDDY | SUPER AUTO FORGE PVT LTD | 1.44 |
| 47 | 15471A03F4 | CHIPPALA DINESH | SUPER AUTO FORGE PVT LTD | 1.44 |
| 48 | 15471A03G0 | UPPALA NARESH BABU | SUPER AUTO FORGE PVT LTD | 1.44 |
| 49 | 15471A03G5 | KANALA VENKATESWARLU | SUPER AUTO FORGE PVT LTD | 1.44 |
| 50 | 16475A0301 | VANGIPURAPU SAITEJA | SUPER AUTO FORGE PVT LTD | 1.44 |
| 51 | 16475A0310 | BAIREDDY AYYAPPA REDDY | SUPER AUTO FORGE PVT LTD | 1.44 |
| 52 | 16475A0311 | KONIKI VENKATESH | SUPER AUTO FORGE PVT LTD | 1.44 |
| 53 | 16475A0320 | KAVURI NARESH | SUPER AUTO FORGE PVT LTD | 1.44 |
| 54 | 16475A0323 | MADDU SARATH BABU | SUPER AUTO FORGE PVT LTD | 1.44 |
| 55 | 16475A0326 | KUNCHALA SRIDHAR | SUPER AUTO FORGE PVT LTD | 1.44 |
| 56 | 16475A0331 | DESAMSETTY V L SIVA KISHORE | SUPER AUTO FORGE PVT | 1.44 |

| | | | | |
|----|------------|--------------------------|--------------------------------|------|
| | | | LTD | |
| 57 | 16475A0333 | SHAIK SALEEM | SUPER AUTO FORGE PVT LTD | 1.44 |
| 58 | 16475A0338 | BELLAPU NAIDU | SUPER AUTO FORGE PVT LTD | 1.44 |
| 59 | 16475A0339 | CHANDRAGIRI SAICHARAN | SUPER AUTO FORGE PVT LTD | 1.44 |

**Mech Mantra
Student Toppers**

Page No. -24

STUDENT TOPPERS



**Ch.Ashok
19471A0305
9.2**



**Y.Siva Reddy
19475A0312
9.0**



P.Kishore
G.ChandraSekharaReddy

18475A0369
9.32



16471A0348
9.05



CHIEF MINISTER'S SKILL EXCELLENCE CENTER



MEMORANDUM OF AGREEMENT (MoA)

BETWEEN

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

AND

Narasaraopeta Engineering College,

Management



MOUs

AGREEMENT BETWEEN
ANDHRA PRADESH STATE SKILL DEVELOPMENT
CORPORATION

AND

NARASARAOPETA ENGINEERING COLLEGE
NARASARAOPETA

14. PERIOD OF VALIDITY

This Agreement is effective from 1st Nov 2018 and shall be in force for a period of three years, unless terminated by mutual consent of the parties.



SIGNED ON BEHALF OF

ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION

Signature: 

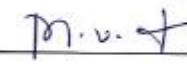
(Name: **Dr. B Nageswara Rao**)



Designation: **Executive Director**

NARASARAOPETA ENGINEERING COLLEGE ,

Kotappakonda Road, Narasaraopeta, Guntur, Andhra Pradesh 522601

Signature: 

Name: **M.V. KOTESWARA RAO**



Designation: **CHAIRMAN**

Witness

Name: **Dr. M. SREENIVASA KUMAR**

Name : **Dr. P. LAKSHMANAN**

Signature: 

Signature: 

Designation: **PRINCIPAL**

Designation: **Prof & Head, EEE**

Dr. M. SREENIVASA KUMAR

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

NARASARAOPET - 522 601,

Guntur (Dt.), A.P.

APSSDC SPOC

COURSES

UG-B.TECH

Civil Engineering
Electrical & Electronics Engineering
Mechanical Engineering
Electronics & Communication Engineering
Computer Science and Engineering
Information Technology

PG-M.TECH

Computer Science and Engineering
Digital Systems and Computer Electronics
Digital Electronics and Communication Systems
Power and Industrial Drives
Thermal Engineering
Machine Design
Structural Engineering

PG: MBA, MCA

Master of Business Administration (Dual Specialization)
Master of Computer Applications (Two Years Programme)



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

Kotappakonda Road, NARASARAOPET - 522 601,
Palnadu Dt., Andhra Pradesh.

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