



Department of Mechanical Engineering

Mech.Letters

(Half Yearly News Letter)

Editor

Mr.F.Alexander (AP/Mech)

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Mr. Praveen D (III Mech)

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Special Achievements by Students (national/international/regional)

| Student Name | Department & Year | Achievement |
|-----------------|-------------------|---|
| S.M.Maheeswaran | Mech / IV | Won Second Prize In The Auto Quiz Event Conducted By Hindusthan Institutions On 3/3/2019 |
| S.M.Maheeswaran | Mech / IV | Won First Prize In The Mr.Mechanic Event Conducted By Hindusthan Institutions On 3/3/2019 |

Publications by the Students

| Student/students Name | Year | Details of publication |
|---|---------|---|
| Nivas K, Prakash Raj S, Vignesh R, Adhith C | IV Year | Presented a paper under the title “ Automatic Handbrake System” National Conference - Recent Advancement in Design, Automation and Intelligent Systems, Dr.NGP Institute of technology |
| Gowtham J, Maheshwaran S M Mithunchakravarthy K | IV Year | Presented a paper under the title “ Optimization of cutting parameters in turning operations ” National Conference - Recent Advancement in Design, Automation and Intelligent Systems, Dr.NGP Institute of technology |
| Ragunath V, Satheesh Kumar N, Vimal W, Vishnu R | IV Year | Presented a paper under the title “ Fabrication of Eco-Friendly Products by using Coir Pith” National Conference - Recent Advancement in Design, Automation and Intelligent Systems, Dr.NGP Institute of technology |

Students Participation in extracurricular activities

| Student Name | Year | Event Name | Organized by | Position/Status |
|--------------|------|------------------|--------------------------------|-----------------|
| Logesh kumar | IV | Sports-Foot ball | Anna university Zonal Football | III |
| M.Rajesh | IV | Sports-Foot ball | Anna university Zonal Football | III |



| Student Name | Year | Event Name | Organized by | Position/Status |
|---------------------|-------------|--|---|------------------------|
| R.Kousik | IV | Sports-Foot ball | Anna university Zonal Football | III |
| Rithul Sooraj | IV | Sports-Foot ball | Anna university Zonal Football | III |
| Vishnu R | IV | Sports-Foot ball | Anna university Zonal Football | III |
| Kiran R | IV | Sports-Foot ball | Anna university Zonal Football | III |
| Mukilan | IV | Sports-Foot ball | Anna university Zonal Football | III |
| Nithin | III | Sports-Foot ball | Anna university Zonal Football | III |
| Gijendran V | III | Sports-Foot ball | Anna university Zonal Football | III |
| Saravanaperumal | III | Sports-Handball - KPR trophy | KPR Institute of Engineering and Technology | IV |
| Balaji | IV | Sports-Handball - KPR trophy | KPR Institute of Engineering and Technology | IV |
| Kavinkumar | IV | Sports-Handball - KPR trophy | KPR Institute of Engineering and Technology | IV |
| Prakash Raj S | IV | Attended technical event | Dr.NGP Institute of Technology, Coimbatore | Participation |
| Naveen G | IV | Attended technical event at IC Engine & Robotics | Uniq Technologies | Participation |



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|----------------|----|--|-------------------|---------------|
| Tamil selvan M | IV | Attended technical event at International Workshop on Arduino in Robotic on 26.05.18 | Uniq Technologies | Participation |
|----------------|----|--|-------------------|---------------|

Publication by Faculty

| Faculty Name | Category | Details of publication |
|---|----------|---|
| Dr.P. Madhu, Dr.L.Anoj Kumar, M.M.Matheswaran, C.Nithiyesh Kumar | Journal | Selection of biomass materials for bio oil yield: a hybrid multi-criteria decision making approach, Journal of Clean Technologies and Environmental Policy (Springer), ISSN 1618-954X Volume 20 Number, 2018 |
| M.M.Matheshwaran, D.Somasundaram | Journal | Energetic, exergetic and enviro-economic analysis of parallel pass jet plate solar air heater with artificial roughness, Journal of Thermal Analysis and Calorimetry volume 136, pages5–19(2019) |
| M.M.Matheshwaran, D.Somasundaram | Journal | Thermal and Thermo-hydraulic Analysis of Arc Shaped Rib Roughened Solar Air Heater integrated with fins and baffels, Solar Energy, Volume 180, 1 March 2019, Pages 360-371 |
| C.Nithiyesh Kumar | Journal | Experimental study on thermal performance and exergy analysis in an internally grooved tube integrated with triangular cut twisted tapes consisting of alternate wings, Heat and Mass Transfer (Springer), Heat and Mass Transfer volume 55, pages1007–1021(2019) |



List of Teaching Faculties Provided with Financial Support for the Academic year 2017-2018

| S.No. | Name of Teacher | Name of conference/ workshop attended / Professional Body Membership Fee for which financial support provided | Amount of support received (in INR) |
|-------|----------------------|---|-------------------------------------|
| 1 | Mr.P.Sathish Kumar | Workshop on "Advances in Welding and Non-Destructive Testing" | 350 |
| 2 | Mr.G.Senthilraj | Workshop on "Advances in Welding and Non-Destructive Testing" | 350 |
| 3 | Mr.M.Sivaraman | Workshop on "Research in Composite Materials and Welding Technology" | 300 |
| 4 | Mr.R.Darshankumar | Workshop on "Composite Materials for Armour Applications" | 1000 |
| 5 | Mr.C.Nithiyesh Kumar | International Conference on Thermal Analysis and Energy systems | 1000 |
| 6 | Mr.L.Anojkumar | Advances in Welding and Non-Destructive Testing | 350 |
| 7 | Mr.K.Vijayaraghavan | Workshop on "Research in Composite Materials and Welding Technology" | 300 |
| 8 | Mr. F.Alexander | FDP on Industry Connect | 300 |
| 9 | Mr.D.Somasundaram | International Conference on Thermal Analysis and Energy systems | 1000 |
| 10 | Mr. F.Alexander | Workshop on "Composite Materials for Armour Applications" | 1000 |
| 11 | Mr.K.Maadesh Kumar | Workshop on "Advances in Welding and Non-Destructive Testing" | 350 |
| 12 | Mr. Matheswaran M.M. | International Conference on Thermal Analysis and Energy systems | 1000 |
| 13 | Mr. S. J. Davis Hans | FDP on Industry Connect | 300 |
| 14 | Mr.M.Krishna Kumar | Advances in Welding and Non-Destructive Testing | 350 |
| 15 | Mr.M.Magesh | Workshop on CNC Tooling Programming and Operations CTPO'18 | 750 |