

An Autonomous Affiliated to Anna University, Chennai. Approved by AICTE. Accredited by NBA and NAAC with Grade A

Udumalai Road, Pollachi - 642 003, Tamilnadu.

### Department of Mechanical Engineering

## NEWSLETTER

2014-2015

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Assistant Professor (SG)

Mr.S.Gnanakumar

**Assistant Professor** 

#### **EDITORS**

M.Sangeeth Kumar

IInd Year A-Section

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Ist Year B-Section

#### VISION AND MISSION OF THE DEPARTMENT

#### **Vision:**

To transform students from rural background into professional leaders of tomorrow in the field of Mechanical Engineering with a strong sense of social commitment.

#### **Mission:**

To impart quality – engineering education leading to specialization in the emerging areas of CAD/CAM/CAE, Energy Engineering and Materials Technology

To provide continually updated and intellectually stimulating environment to pursue research and consultancy activities

#### Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Technical Expertise: Actively apply technical and professional skills in engineering practices towards the progress of the organization in competitive and dynamic environment.

PEO2. Lifelong Learning: Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge.

PEO3. Ethical Knowledge: Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

#### Programme Outcomes (POs)

At the end of the Mechanical Engineering programme, graduating students / graduates will be able to:

PO1. Engineering knowledge: Apply the fundamental knowledge of mathematics and engineering sciences to solve of mechanical engineering problems.

PO2. Problem analysis: Identify, survey literature, formulate and analyse complex mechanical engineering problems and reach substantiated conclusions.

PO3. Design/development of solutions: Design mechanical components, processes and systems that meet the requirements with due consideration for environment and public health / safety including cultural and societal considerations.

PO4.Conduct investigations of complex problems: Design experiments analyse/interpret data and synthesize information to provide valid conclusions in the field of mechanical engineering.

PO5.Modern tool usage: Apply appropriate techniques including usage of IT tools for prediction and modelling to create and evaluate mechanical engineering systems and their limitations.

PO6. The engineer and society: Practice as professional mechanical engineer to discharge responsibilities by taking informed decisions based on contextual knowledge to assess societal, health, safety, legal and cultural issues.

PO7.Environment and sustainability: Demonstrate the knowledge of, and need for sustainable development by understanding the impact of the professional engineering solutions in societal and environmental contexts.

PO8. Ethics: Comply with code of conduct/norms and professional ethics in engineering practices.

PO9.Individual and team work: Perform effectively as an individual and member / leader in multidisciplinary diverse teams.

PO10.Communication: Effectively communicate both orally / written on complex engineering activities.

PO11. Project management and finance: Manage projects in multidisciplinary environments cost effectively.

PO12.Life-long learning: Learn and acquire up to date knowledge in the field of mechanical engineering independently.

Programme Outcomes (POs) Regulation 2014

- PO1. Apply scientific principles and concepts in design and development of products and manufacturing processes.
- PO2. Analyze the systems' behavior and optimize for the results using modeling, simulation and experiments.
- PO3. Design products and manufacturing facilities that deliver the requirements of the target customers and desired quality functions.
- PO4. Identify, formulate, and solve engineering problems using appropriate tools and techniques.
- PO5. Check and improve the DFX-assembly, manufacture, cost, quality, reliability, serviceability, recyclability etc.
- PO6. Face challenges with rigor and emotional stability
- PO7. Demonstrate understanding of the dynamic industrial and business environment in which the products are designed, manufactured and sold.
- PO8. Practice Ethical responsibility
- PO9. Work effectively in teams and build/manage interpersonal relationships
- PO10. Communicate effectively through oral, non-verbal and written means.
- PO11. Plan and work to time
- PO12. Learn continuously

#### Programme Specific Outcomes (PSOs)

- PO13. Develop and maintain positive health physical, mental and social wellbeing
- PO14. Articulate and engage in pursuit of career and life goals
- PO15. Develop adaptability to change

#### **JANUARY 2015**

#### Staff Development Programmes

## Continuing Education Programs/Faculty Development Programmes/Conferences/Seminars/Workshops/Short Term Training Courses

| Dept. | Name of the<br>Coordinator(s) with<br>Designation | Title                                  | Conducted at (Venue)      | Sponsored by                     | No. of Participants attended | Date(s)  |
|-------|---|--|---------------------------|----------------------------------|------------------------------|----------|
| 1     | Selvakumar<br>AP/Mech<br>Gnanakumar<br>AP, Mech   | Capital<br>Market &<br>Money<br>Market | EEE Seminar hall,<br>MCET | Department association Mechanica | 140                          | 28.01.15 |

## Participation in Seminar/Conference/Workshop/Training etc. by MCET Staff

| Dept. | Name of the Faculty with Designation  | Details of Program  | Place of Program                    | Date                 |
|-------|---|---|-------------------------------------|----------------------|
|       | Dr.I.Rajendran<br>HOD/Mech  | Academic Leadership programme   | Wipro<br>technologies,<br>Bangalore | 20.01.15 to 23.01.15 |
|       | Arun AP, Mech<br>PrabuAP, Mech  | Short term training programme on Pedagogy for effective use of ICT in engineering education | IITB MCET                           | 05.01.15 to 07.01.15 |
| Mech  | Rama Thirumurugan Associate Prof Dr.D.Shanmugam Associate Professor N.Shanmugasundaram AP/Mech M.Selvakumar AP/Mech M.Giridharadhayalan AP/Mech Prabu AP/Mech | In pods training programme  | IITB MCET                           | 22.01.15             |
|       | M.Neelavanan<br>AP/Mech   | ISTE-MCET Students Chapter<br>& Science Club special talk<br>on the topic "Save the Earth"  | CS hall MCET                        | 22.01.15             |

#### Participation of MCET Faculty as Resource Person

| Dept. | Name of the Faculty with Designation                                 | Title of the Programme   | Details & Venue       | Date                       |
|-------|--|--|-----------------------|----------------------------|
| Mech  | C. Selva Senthil Prabhu AP,<br>Mech<br>Mr.Selvakumar<br>(AP(SG)/Mech | Workshop<br>on INDUSTRIAL<br>AUTOMATION<br>TECHNOLOGIES (IAT-<br>2K15) | MCET-Bosch<br>Rexroth | 08.01.15<br>To<br>09.01.15 |

#### Students Activities

## Participation of Inter and Intra Collegiate Competition/Events by the Students

| S.No | Student's Name   | Branch and<br>Department | Details of event & Prize if any | Organizer<br>and Place of<br>program | Date        |
|------|--|--------------------------|---------------------------------|--------------------------------------|-------------|
| 1    | SathyaPrabu.V<br>Arun Kumar.I  | BE MECH II<br>Year       | Tech Quiz<br>I prize            |                                      |             |
| 2    | BalaMurali.N<br>Mukesh.M   |                          | RC Racing I prize               | SAE India & Mechanical               | 05.01.15    |
| 3    | Rukmanandhan.K   |                          | Tech Quiz                       | Engineering-<br>P.A College<br>of    |             |
| 4    | Goutham.R<br>Sivasubramaniyan.S<br>Sasikumar.S<br>Kavin.A.C<br>Mohamed Irfan.M | BE MECH III<br>Year      | RC Racing                       | Engineering<br>&<br>Technology       |             |
| 5    | Kavin.A.C<br>JithendraPrasanth.S   |                          | RC Racing                       | Mechanical<br>Engineering -          | 23.01.15 to |
| 6    | MukeshRaja.R<br>Goutham.R  |                          | RC Racing II prize              | CIT,<br>Coimbatore                   | 24.01.15    |

## Participation in Seminar / Conference / Workshop / Training etc. by the Students

| S.<br>No | Student's Name              | Branch and<br>Department | Details of<br>Event                     | Organizer and Place of program | Date     |
|----------|-----------------------------|--------------------------|---|--------------------------------|----------|
| 1        | Dhilip.G<br>NarayanaKumar.N | BE MECH Ⅲ yr             | Workshop<br>on Industrial<br>Automation | ICE, MIT,<br>Chennai           | 26.01.15 |

| 2 | R.Chipichakkaravarthy P.Dinesh Kumar R.G.Gokula Krishnan R.Praveen S.Kesavamoorthi P.S Sri Dev K.S. Sunil R.Desilva D.BalaMurali S.Shameer Mohammed A.AbdulShiyam N.Anbu P.Boopathiraj S.Deenadhayalan V.S.Dinesh V.Gokul P.Rajaji K.Jegan A.Manokar N.Muralidharan, N.Navin Raj ,K.Prabhu Rahul Jhaveri.S V.E.Ranjithkumar | BE MECH III yr& IV yr | Karnesa<br>Training-<br>Student<br>talent pool<br>training<br>programme | MCET | 29.01.15<br>to 31.01.15 |
|---|---|-----------------------|---|------|-------------------------|
|   | A.Manokar<br>N.Muralidharan, N.Navin Raj ,K.Prabhu  |                       |   |      |                         |

#### Industrial Project by the Students

| S.<br>No | Dept. & Class | Title of the Project   | Place of Industry             | Total No. of<br>Students Visited | Period   |
|----------|---------------|--|-------------------------------|----------------------------------|----------|
| 1        | Mech IV yr    | Design and fabrication of special purpose machine for drilling | Ganapathy tech,<br>Coimbatore | 3                                | 13.01.15 |

#### Industry-Institute Interaction Activities

| Dept | Name of the Faculty (s)      | Industry Visited   | Purpose  | Date     |
|------|------------------------------|--|--|----------|
| Mech | M.Selva kumar<br>AP(SG)/Mech | Roots Industries,<br>Coimbatore<br>India Piston,<br>Coimbatore | To establish<br>Memorandum of<br>Understanding | 04.01.15 |

#### Consultancy

|           |   |  |  | Name of                           | Period of Co         | onsultancy           |
|-----------|---|--|--|-----------------------------------|----------------------|----------------------|
| Dept.     | Name of the Faculty (s)   | Designation  | Title of the<br>Consultancy<br>Work  | the organizati on / Firm/ Company | From                 | То                   |
| C-<br>DAT | 1.Dr.Rama<br>Thirumurugan<br>2.Mr.S.Madhusudhanan<br>3.Mr.K.Prabu | 1.Associate Prof 2.Assistanat prof(SS) 3.Assistant prof 4.Senior Executive | 1.FORD B562 Steering knuckle static test  2. MSIL YRA Steering knuckle static test | -                                 | 12.01.15<br>12.01.15 | 24.01.15<br>31.01.15 |

#### Name and Address of Distinguished Visitors

| S. No | Name of the Visitors  | Purpose  | Date of Visit |
|-------|---|--|---------------|
| 1     | Mr.Prashant Tambey Assistant Manager-Vehicle dynamics R&D division MARUTI SUZUKI INDIA LTD Mr.Nishant Mohan Pharane Manager-Suspension & steering Design Department MARUTI SUZUKI INDIA LTD | To appraise the CDAT Testing facilities and witness the component validation testing | 30.01.15      |

#### February 2015

#### Staff Development Programmes

## Continuing Education Programs/Faculty Development Programmes/Conferences/Seminars/Workshops/Short Term Training Courses etc...

| Dept.     | Name of the<br>Coordinator(s)<br>with Designation | Title     | Conducted at (Venue) | Sponsored by | No. of<br>Participants<br>attended | Date(s)  |
|-----------|---|-----------|----------------------|--------------|------------------------------------|----------|
| Mehcanica | Mr.S.Gnanakumar                                   | MECHANICA | CS Hall              | MCET         | 50                                 | 19.02.15 |

#### Participation in Seminar/Conference/Workshop/Training etc...

| Dept.      | Name of the Faculty with Designation   | Details of Program                     | Place of Program | Date     |
|------------|--|--|------------------|----------|
| Mechanical | Dr.I.Rajendran ,<br>Dr.Ramaathirumurugan ,<br>Dr.D.Shanmugam ,<br>Mr.Padmanaban ,<br>Mr.K.Prabhu,<br>Mr.Sreejith | Curriculum Redesign<br>Progress Review | MBA Seminar Hall | 20.02.15 |

## Professional Society/Department Association/Guest Lectures organized

| Dept.      | Co-ordinator / Co-coordinator with Designation | Details of Program  | Date     |
|------------|--|---|----------|
| Mechanical | Mr.S.Gnanakumar                                | Guest Lecture on "CHALLENGES AHEAD FOR MECHANICAL ENGINEERS: Venue: Mechanical Seminar Hall | 19.02.15 |

## Participation of Inter and Intra Collegiate Competition / Events by the Students

| S.No | Student's Name   | Branch and Department | Details of event & Prize if any | Organizer and Place of program | Date     |
|------|--|-----------------------|---------------------------------|--------------------------------|----------|
| 1    | Vainathayamalan V<br>Deva K<br>Dinesh Kumar.M  | III BE MECH           |                                 |                                |          |
| 2    | Sampath.J<br>RamaniSankar R<br>Naveen Kumar.N A<br>VigneshKarthick.R<br>Aswin.P<br>Dhamodharan.J<br>Arun Kumar I | II BE MECH            | CAD MODELING                    | Mechanical, MCET               | 19.02.15 |
| 3    | B.M.Nivas  | I MECH                |                                 |                                |          |
| 4    | G.Navaneethakrishnan   | II BE MECH<br>B       | KCT Yugam Quiz<br>Mr.MECHANICA  | KCT<br>MCET                    | 13.02.15 |
| 5    | B.Niranjan<br>G.Ramkumar   | II BE MECH<br>B       | ROBOWAR EVENT                   | KCT ,<br>Coimbatore            | 13.02.15 |
| 6    | V.Praveen Kumar  | II BE MECH<br>B       | Marketting Event , Ist Prize    | IRTT , Perundurai              | 13.02.15 |

#### Extra-Curricular / Co-curricular Activities

#### Physical Education Activities

| S.No | Students Name  | Year & Dept. | Events Details   | Awards /<br>Medals<br>(if any) | Date of<br>the Event   |
|------|--|--------------|--|--------------------------------|------------------------|
| 1    | S.Suriya Prakash<br>M.Muneeswaran<br>G.Surender<br>K.Vijay | IV MECH      | Inter collegiate tournament(cricket),                                |                                | 22.02.15,<br>24.02.15, |
|      | S.Sethupathi   | III MECH     | PGGIMSR,CBE  |                                | 27.02.15               |
|      | C.N.Anand Deva   | II MECH      |  |                                |                        |
| 2    | Nikhil Joseph<br>Charles                                   | II MECH      | TIES 2015 Basket ball (Men) Sri<br>Sairam Engineering College,       |                                | 05.02.15 to 07.02.15   |
|      | B.M.Nivas  | I MECH       | Chennai  |                                | 07.02.15               |
| 3    | P.Kaviram  | III MECH     | TIES 2015 Tennis (Men) Sri<br>Sairam Engineering College,<br>Chennai |                                | 05.02.15 to 07.02.15   |
|      | J.Hariharan  | IV MECH      |  |                                |                        |
| 3    | B.Karthekeyan<br>P.Kumaran                                 | III MECH     | TIES 2015 Volley ball (Men) Sri<br>Sairam Engineering College,       |                                | 02.02.15 to            |
|      | M.Dineshkumar  | II MECH      | Chennai  |                                | 03.02.15               |
|      | N.Nandakishore   | I MECH       |  |                                |                        |

#### NSS Activities

| Name of the Students  | Degree<br>Studying | Branch  | Programmes Organized / Conducted / Participated | Venue                  | Date (s)             |
|---|--------------------|---------|---|------------------------|----------------------|
| Gowthaman S Sakthivel M Mahendran M Muthupandi T Peter Antony P D Vijiyakumar S Sarathkumar C Balaji K Sowndheraj R Dineshkumar N Ajay R Vinothkumar C Prabu. N Deepak V Sureshkumar T Surya S Sanchai Kumar R Arun M | BE                 | II MECH | NSS special Camp                                | Kanjampatti<br>village | 18.02.15 to 24.02.15 |

#### Details of Career Guidance offered to students

| Participants                                     | Degree/<br>Branch<br>Studying | Topic  | Resource Person  | Venue                               | Date (s) |
|--|-------------------------------|--|--|-------------------------------------|----------|
| Final Year<br>Students<br>A&B<br>Section         | BE MECH<br>IV Year            | Study opportunities @ Abroad                         | SIIMS "Sakthi Institute of<br>Information and Management<br>Studies " Pollachi NGM   | Electrical<br>Seminar<br>Hall, MCET | 10.02.15 |
| Final Year<br>Students<br>A&B<br>Section         | BE MECH<br>IV Year            | Challenges<br>Ahead for<br>Mechanical<br>Engineers   | Mr.S.Venkatraman, Retd Naval<br>officer, Indian Navy   | Mechanica<br>I Seminar<br>Hall      | 19.02.15 |
| II Year<br>Mechanical<br>Students<br>A&B Section |                               | Student Talent<br>Enhancement<br>Programme<br>(STEP) | Industry experts: FN session  1.Mr Sundar L&T Coimbatore  2.Mr.L,Srinivasan Karnesa  Consulting Engineers,Chennai  3.Mr.Arun Director KUN  Hyundai ,Chennai  4.Mr.MaheshKumar  Coimbatore- KSV Industries,  Coimbatore | CS Hall,<br>MCET                    |          |

|   |  | A Mechanical Engineer with rich industry experience and at present an entrepreneur  5.Mr.Sampath Kumar Roots Industries, Coimbatore. Alumni: AN session Mr.Arul – Aadhithya Accessories, coimbatore- Automobile Engineering Mr.Mohanraj- FEA Engineer, Caresoft, Pollachi- Automobile Engineering Mr.Karthick Raja- HCL, Chennai - Mechanical Engineering Mr.K.Sathish kumar-Design Engineer, Caresoft, Pollachi-   |         | 10.0.15  |
|---|--|---|---------|----------|
| I Year<br>Mechanical<br>Students<br>A&B Section | Student Talent<br>Enhancement<br>Programme<br>(STEP) | Mechanical Engineering Industry experts: FN session 1. Dr. M. Mahadevan India Pistons Ltd, Chennai 2. Dr.E.Rama Krishnan, Bosch, Coimbatore 3. Mr.B.Mahesh Kumar CEO, KSV Industries, Coimbatore Alumni: AN session Mr.T.Karthikeyan –L & T Industries, Coimbatore- Mechanical Engineering Mr.M.Arjun- Entrepreneur (Pumps and valves industries), Coimbatore- Mechanical Engineering Mr.K.Ajaykanth- TCS, Chennai - Mechanical Engineering Mr.K.Mohan kumar –Pursuing Ph.D in IITM Chennai, - Mechanical Engineering | CS Hall | 17.02.15 |

#### Consultancy

| Dent | Name of the Faculty | Designation                             | Title of the Consultancy | Name of the organization | Amount             | Period of<br>Consultancy |        |             |  |
|------|---------------------|---|--------------------------|--------------------------|--------------------|--------------------------|--------|-------------|--|
|      | Dept.               | (s)                                     | Designation              | Work                     | / Firm/<br>Company | Firm/                    | From   | То          |  |
|      | Mechanical          | Dr.Ramathirumurugan<br>Mr.Madhusuthanan | Associate<br>Professor   | MSIL YRA<br>Steering     | SACL               |                          | 1.2.15 | Till<br>Now |  |

| Assistant<br>Professor | Knuckle<br>Static Test                   |      |         |             |
|------------------------|--|------|---------|-------------|
| (SS)                   | MSIL YRA Steering Knuckle Static Test    | SACL | 18.2.15 | Till<br>Now |
|                        | GMM2XX<br>Steering<br>Arm Static<br>Test | SACL | 19.2.15 | Till<br>Now |

#### Name and Address of Distinguished Foreign Visitors

| Name of the Foreign Visitors | Area of<br>Specialization | Designation    | Organization<br>& Address | Purpose of Foreigner Visit (with Full details) | Period of Stay |
|------------------------------|---------------------------|----------------|---------------------------|--|----------------|
| Joe Allison<br>Jan Collin's  |                           | Executive (UK) | BOSCO<br>Franco, Italy    | Validating the C-DAT                           | 05.2.15        |
| Dran Apelian                 |                           | Professor      | University<br>USA         |  | 27.2.15        |

#### Name and Address of Distinguished Visitors

| S. No | Name of the Visitors                                  | Purpose                         | Date of Visit |
|-------|---|---------------------------------|---------------|
| 1     | R.R.Joshi ,Asst Director, Govt Organization           | Entrepreneurship<br>Development | 20.2.15       |
| 2     | Thomas Fubrmann (MD),<br>Company: TUV India           | TUV Welding Centre Visit        | 20.2.15       |
| 3     | ShriramVenu<br>Company: C – Delivery Head , IBM India | TUV Welding Centre Visit        | 25.2.15       |

## Student Talent Enhancement Programme (STEP) 17-02-2015









# Guest Lecture on "CHALLENGES AHEAD FOR MECHANICAL ENGINEERS" Mr. S. VENKATRAMAN, On 19/02/2015









# Technical Events for Students Paper Presentation And Cad Modelling Held on 21/02/2015









#### **March 2015**

#### Participation in Seminar/Conference/Workshop/Training etc...

| Dept. | Name of the Faculty with Designation   | Details of Program  | Place of Program | Date                 |
|-------|--|---|------------------|----------------------|
| Mech  | Dr.Ramathirumurugan<br>Dr.D.Shanmugam<br>A.R.Suresh<br>S.Madhusudhanan<br>M.Padmanaban | Teaching learning seminar series – II by Dr.JohnRymer , University of Calgary, CANADA | MCA seminar hall | 9.3.15 to<br>31.3.15 |

## Participation of Inter and Intra Collegiate Competition/Events by the Students

| S.No | Student's Name  | Branch and<br>Department | Details of event & Prize if any | Organizer and<br>Place of<br>program  | Date                 |
|------|---|--------------------------|---------------------------------|---|----------------------|
| 1    | N.Prabu<br>13BME109<br>J.Dhamodharan<br>13BME043              |                          | Technical Event                 | Anokha2015 A National level Technical event at Amrita School of Engineering, Coimbatore - PARTICIPATED                    | 5.03.15 to 06.03.15  |
| 2    | J.Dhamodharan<br>13BME043<br>V.Sathyaprabhu<br>13BME039       |                          | Event                           | KCT- Yugam<br>2015 CAD<br>Modelling<br>PARTICIPATED   | 12.02.15             |
| 3    | K.S.Logesh<br>Kumar<br>13BME044<br>B.Prithivi Raj<br>13BME020 |                          | Workshop                        | Automobile Training Programme Vehicle Dynamics at PrigmaEdutech Service ANOKHA 15 Amrita school of Engineering Coimbatore | 05.03.15 to 06.03.15 |

## Participation in Seminar/Conference/Workshop/Training etc. by the Students

| S.No | Student's Name   | Branch and Department | Details of Event   | Organizer and Place of program  | Date                       |
|------|--|-----------------------|--|---|----------------------------|
| 1    | M.Kaushik<br>13BME046                                    |                       | Symposium- MAN OF<br>STEEL (WELDING)<br>&Metamorph (CAD)<br>IDEA Fest, | Anokha2015 A National level Technical event at Amrita School of Engineering , Coimbatore -                        | 05.03.15<br>to<br>07.03.15 |
| 2    | P.M.Dhilip<br>13BME090                                   | Mechanical            | - Directorial Eyes over<br>Film Making Workshop<br>, IDEA Fest         | ANOKHA 15 Amrita school of Engineering Coimbatore   | 05.03.15<br>to<br>07.03.15 |
| 3    | S.MahaboobShajath<br>13BME052                            |                       | Man of Steel (welding),<br>Inventiva- 2                                | ANOKHA 15 Amrita school of Engineering Coimbatore   | 05.03.15<br>to<br>06.03.15 |
| 4    | M.Kaushik<br>13BME046                                    |                       | MAN OF STEEL<br>(WELDING)<br>&Metamorph (CAD)<br>IDEA Fest,            | Anokha2015 A National level Technical event at Amrita School of Engineering , Coimbatore - Participated the event | 05.03.15<br>to<br>07.03.15 |
| 5    | M.Muthu kumar<br>R.Muthu kumar                           |                       | Mech Medallions'15-<br>Machinist                                       | National Level<br>Technical Symposium<br>Nandha Engineering<br>college -  | 07.03.15                   |
| 6    | R.Vishnu Raj<br>12BME113<br>T.Gopalakrishnan<br>12BME032 | Mechanical            | NSS Symposium- the Paper Presentation                                  | Bannariamman<br>Institute of Technology   | 17.03.15<br>to<br>18.03.15 |
| 7    | R.Vishnu Raj<br>12BME113<br>T.Gopalakrishnan<br>12BME032 |                       | National Level<br>Technical Symposium<br>"Paper Presentaton"           | Nehru Institute of<br>Engineering and<br>Technology<br>Coimbatore   | 12.03.15<br>to<br>13.03.15 |
| 8    | T.GokulRaam<br>13BME110<br>S.Pradeep<br>Kumar13BME084    |                       | Anokha - Math Buzzer<br>Inventiva -II<br>Man of Steel-<br>Participated | Amrita School of<br>Engineering<br>Coimbatore   | 05.03.15<br>to<br>07.03.15 |

#### Industrial Project by the Students

| S. | 0 | Dept. & Class | Title of the Project | Place of Industry                    | Total No. of<br>Students Visited | Period               |
|----|---|---------------|----------------------|--------------------------------------|----------------------------------|----------------------|
| 1  |   | Mach IV/voor  | -                    | Roots Multiclean<br>Ltd - Coimbatore | 3                                | 02.03.15 to 17.03.15 |
| 2  |   | Mech IV year  | -                    | Flow Serve Pvt Ltd -<br>Coimbatore   | 2                                | 09.03.15 to 13.03.15 |

#### Students Club Activities (Eco Club, Quiz Club, Rotaract etc...)

| Club Name    | Program Name     | Co-ordinate by  | No. of Participants                       | Date of the event                     |
|--------------|------------------|-----------------|---|---------------------------------------|
| Readers Club | Reading Carnival | Central Library | A.M.Harshavaradan<br>R.Sibi Chakaravarthy | 07.03.15<br>ABK-ATOS<br>Hall, Chennai |

#### Extra-Curricular / Co-curricular Activities

#### Physical Education Activities

| S.No | Students Name   | Year & Dept. | Events Details   | Awards /<br>Medals<br>(if any) | Date of<br>the Event       |
|------|---|--------------|--|--------------------------------|----------------------------|
| 1    | Nikhil Joseph Charles<br>13BME033                         | II Year      | Participate in Sakthi Trophy Basket Ball Men Tournament at Vanavarayar Institute of Agriculture        |                                | 09.03.15<br>to<br>10.03.15 |
| 2    | W.Ajai 14BME043   | I year       | Participate in Sakthi Trophy Basket Ball Men Tournament at Vanavarayar Institute of Agriculture        |                                | 09.03.15<br>to<br>10.03.15 |
| 3    | S.Pasumpondhasan<br>12BME064                              | III Year     | Participate in Sakthi Trophy Foot Ball Men Tournament at Vanavarayar Institute of Agriculture          |                                | 09.03.15<br>to<br>10.03.15 |
| 4    | A.K.R.Suriyakirubagaran<br>13BME070<br>R.Nagaraj 13BME094 | II Year      | Participate in Sakthi Trophy<br>Foot Ball Men Tournament at<br>Vanavarayar Institute of<br>Agriculture |                                | 09.03.15<br>to<br>10.03.15 |

#### Career Planning and Guidance (CPG)

#### Placement Details

| S.No | Name of the Company Visited in current month  | Total No. of Students placed in each Company |
|------|---|--|
|      | Hepatica Engineering Solutions -<br>Bangalore | 2  |
| 1    | HaritaTecServ - Bangalore                     | 4  |

#### Details of Training imparted to Students

| Dept | Participating<br>Students | Title of lecture                      | Resource person   | Date /Time                  |
|------|---------------------------|---------------------------------------|---|-----------------------------|
|      |                           | Health,<br>Fitness and<br>Wellness    | Dr.S.T.V. Rajeswaran Professor, Dept.of Physical Education, Bharathiar University, Coimbatore   | 26.3.15 10.00am to 1.00p.m. |
| Mach | I year Mech A &           | Food,<br>nutrition and<br>Health      | Dr. R. Annadurai Professor,<br>Dept.of Physical Education,<br>Bharathiar University,<br>Coimbatore  | 27.3.15 10.00am to 1.00p.m. |
| Mech | *                         | Fitness<br>development<br>(exercises) | Dr. C. Arumugam Asst. Professor Sports Coordinator Deptof Advanced Sports Training and Technology TamilnaduPhysicalEducation and Sports university, Chennai | 28.3.15 10.00am to 1.00p.m. |

#### Industrial Visit

| Dept. | Faculty Name                           | Place of Industrial Visit | Date    |
|-------|--|---------------------------|---------|
| Mech  | Dr.Ramathirumurugan<br>Mr.M.Selvakumar | India pistons, Chennai    | 20.3.15 |

#### Consultancy

|       | Dont  | Name of the Faculty (s)                                     | Designation  | Title of the Consultancy<br>Work   | Name of the organization / Firm/ Company | Period of<br>Consultancy |          |
|-------|-------|---|--|--|--|--------------------------|----------|
| Dept. | рері. |   |  |  |  | From                     | То       |
|       | C-DAT | 1.Dr.Rama Thirumurugan 2. Mr. S. Madhusudhanan 3.Mr.K.Prabu | <ul><li>1.Associate</li><li>Prof.</li><li>2.Assistanat</li><li>prof(ss)</li><li>3.Assistant</li><li>prof</li></ul> | <ul><li>1.RNTBCI A-Entry Steering knuckle Steering arm fatigue test</li><li>2. RNTBCI A-Entry Steering knuckle Multi axis fatigue test</li></ul> | SACL                                     | 25.03.15                 | Till now |

#### Memorandum of Understanding

| Dept | Name of the Organization MoU signed with | Purpose of MoU                       | Signed on (Date) | Period |
|------|--|--------------------------------------|------------------|--------|
| Mech | ROOTS Group of Companies                 | Internship, Consultancy,<br>Research | 12.3.15          | -      |

#### Name and Address of Distinguished Visitors

| S. | No | Name of the Visitors   | Purpose  | Date of Visit |
|----|----|--|--|---------------|
| 1  |    | Mr.R.Ravikumar-GM OPERATIONS<br>Mr.R.G.Manikkaraj-head sheet metal<br>division<br>Mr.S.Saravanan-head HR | Welder training for RMCL employees Earn while you learn initiative | 26.3.15       |

#### **April 2015**

#### Staff Development Programmes

#### Continuing Education Programs/Faculty Development Programmes/ Conferences/Seminars/Workshops/Short Term Training Courses etc...

| Dept. | Name of the<br>Coordinator(s)<br>with Designation                            | Title  | Conducted at (Venue)       | Sponsored by             | No. of<br>Participants<br>attended | Date(s)              |
|-------|--|--|----------------------------|--------------------------|------------------------------------|----------------------|
| 1     | Dr.I.Rajendran<br>HOD/MECH   | Faculty Development Programme ON "processing and characterization of composite materials"  | MCET (MCA<br>Seminar Hall) | AICTE                    | 70                                 | 20.4.15<br>to 3.5.15 |
| 2     | S.Ayyappan<br>Assistant<br>Professor(SG)<br>M.Arun<br>Assistant<br>Professor | 3rd National<br>Conference on<br>Materials and<br>Mechanical<br>Engineering<br>(NCMME2015) | MCET                       | Mechanica<br>Association | 50                                 |                      |

## Participation in Seminar/Conference/Workshop/Training etc... by MCET Staff

| Dept. | Name of the Faculty with Designation       | Details of Program   | Place of Program                                  | Date                  |
|-------|--|--|---|-----------------------|
| Mech  | N. Shanmugasundaram<br>Assistant Professor | International conference on<br>"Natural Polymers,<br>Biopolymers, Bio Materials<br>Their Composites,<br>Nanocomposites, Blends"<br>ICNP-2015 | Mahatma Gandhi<br>University,<br>Kottayam, Kerala | 10.4.15 to<br>12.4.15 |

## Professional Society/Department Association/Guest Lectures organized

| Dept. | Co-ordinator / Co-coordinator with Designation | Details of Program   | Date    |
|-------|--|--|---------|
| Mech  | S.Gnanakumar<br>Assistant Professor            | Valediction of Mechanica<br>Resource person-<br>Dr.P.Parameswaran,<br>Physical Metallurgy<br>IGCAR,Kalpakkam | 24.4.15 |

#### Students Activities

## Participation of Inter and Intra Collegiate Competition/Events by the Students

| S.No | Student's Name   | Branch and Department | Details of event & Prize if any                     | Organizer and Place of program                          | Date                |
|------|--|-----------------------|---|---|---------------------|
| 1    | AjanthPravin.S<br>Gowtham.M<br>Deva.K<br>Ramanishankar.R | Mech                  | Indo Asia Solar Challenge<br>I prize for Innovation | Lovely Professional<br>University, Jalandhar,<br>Punjab | 3.4.15 to<br>7.4.15 |

## Participation in Seminar/Conference/Workshop/Training etc. by the Students

| S.No | Student's Name   | Branch and Department | Details of Event                                     | Organizer and Place of program | Date                  |
|------|--|-----------------------|--|--------------------------------|-----------------------|
| 1    | R.Chipichakkaravarthy P.Dineshkumar R.G.Gokulakrishnan R.Praveen S.Kesavamoorthi P.S.Sridev K.S.Sunil R.Deselva D.Balamurali S.Shameermohammed |                       | STPDT training by<br>KARNESA consulting<br>Engineers | MCET                           | 10.4.15 to<br>12.4.15 |

#### Industry-Institute Interaction Activities

| Dept       | Name of the Faculty                                 | Name of the Organization             | Date    |
|------------|---|--------------------------------------|---------|
| Mechanical | Mr.S.Madhusuthanan , AP/ (SS) Mr.R.Bupathi, AP/(SG) | Aerospace Industry,<br>Kinathukadavu | 25.4.15 |

# 3rd National Conference on Materials and Mechanical Engineering (NCMME2015) 10/4/2015 to 12/4/2015 R. Harishankar, DGM Business Development L&T Coimbatore









## AICTE sponsored Two Weeks FDP programme on Processing and Characterization of Composite Materials 2 Weeks 20/04/15 to 03/05/15

Mr. K. Panbarasu NAL Bangalore

Dr. P. S. Sampath KSR. College

Dr. P. Parmeswaran IGCAR Kalpagam

Dr. Murugan CIT, Coimbatore

Dr. Duriselvam.NIT Trichy

Dr. B. Viswanath RIT.Coimbatore

Dr. V. Kriahnaraj PSG .CBE

Dr. G. Balaganesan IITM Chennai

Dr. P. K. Giridharan KCT .CBE

Dr. P. Jayaraj NIT. Sursthkal

Dr. R. Subramanian PSG, CBE

Dr. S. Vijayarangan MCET.

Dr. I. Rajendran MCET.

Dr. Ramathirumurugan MCET.

Dr. D. Shanmugam MCET.

Dr. M. Selvakumar MCET.

Mr. S. Ayyappan MCET.

Mr. V. Sivananth MCET.













#### **Formal Closure Of Mechanica 2014-2015**

**Dr. P. Parameswaran**,

Program Leader,

Physical Metallurgy group, IGCAR, Kalpakkam

**Held on 15/04/2015** 







