

Department Of Industrial Engineering & Management

BMS College of Engineering, Bangalore - 560019

Department Activity Report-January to December 2021

1.1st – 5th February 2021: Completed 1-week ATAL FDP Program.



Dr. K T Ramesh, Assistant Professor, Dept. of IEM has successfully completed 1-week ATAL FDP program on "Blended Learning and Flipped Classroom from 1st February to 5th February 2021. Organized by the National Institute of Technical Teachers Training and Research, Chandigarh.

2. 3rd February 2021: Signed MOU with Honeywell Technology Solutions Lab Pvt. Ltd



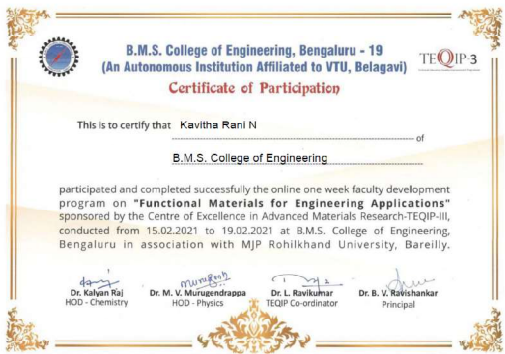
Department of Industrial Engineering & Management has signed MOU with Honeywell Technology Solutions Lab Pvt. Ltd on 3rd of February 2021.

3. 12th February 2021: Felicitation for COVID – 19 warriors from B.M.S. Management.



Dr. K T Ramesh, Assistant Professor from Dept. of IEM got felicitated for performing duty as a COVID-19 warrior by B.M.S. Management. Dr. DayanandPai, chairman, and Dr. Ragani Narayan, Chairperson & Donor Trustee issued a letter of appreciation and a memento.

4. 15th – 19th February 2021: Faculties Attended Faculty Development Programme in BMSCE.



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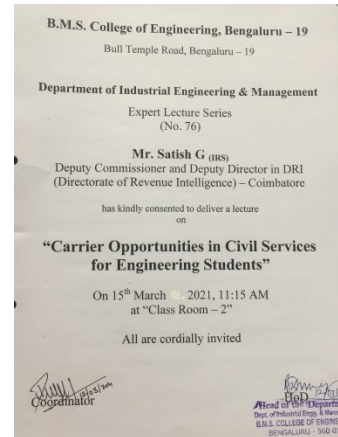
Dr. V N Shailaja, Associate Professor, Prof. Reddy Naik J, Assistant Professor, Prof. Kavitha Rani N, Assistant Professor and Prof. Disha M Nayak, Assistant Professor, Dept. of IEM have attended online one week faculty development program on “Functional Materials for Engineering Applications” sponsored by the Centre of Excellence in Advanced Materials Research – TEQIP-III, conducted from 15.02.2021 to 19.02.2021 at B.M.S. College of Engineering.

5.23rd February 2021: Obtained my Ph.D. Degree from Department of Industrial & Systems Engineering, Indian Institute of Technology Kharagpur



Dr. K. T. Ramesh, Assistant Professor, Department of IEM, obtained Ph.D. Degree from Department of Industrial & Systems Engineering, Indian Institute of Technology Kharagpur, on 66th Convocation held on 23rd February 2021. The title of Ph.D. topic was “SUPPLY RISK MANAGEMENT & ITS IMPACT ON FIRM PERFORMANCE”.

6.15th March 2021: Conducted Expert Lecture on “Carrier Opportunities in Civil Services for Engineering Students”



Dept. of IEM organized an Expert Lecture on 15th March 2021. The resource person Mr. Satish G (IRS), Deputy Commissioner & Deputy Director in DRI – Coimbatore delivered Lecture on “Carrier Opportunities in Civil Services for Engineering Students”

7.26th March 2021: organized On-line conference on Operations Management, Systems and Business Analytics (COMSBA – 21)



Dept. of IEM in association with Rajagiri Business school, Kochi and IIT Kharagpur Student chapter jointly organized On-line conference on Operations Management, Systems and Business Analytics (COMSBA – 21), 26.03.2021. Dr. B V Ravishankar, The Principal, BMSCE presented inaugural address.

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Dr. K T Ramesh, Assistant professor, Dept. of IEM was the Programme Board, Dr. B Ramesh Nayak, Associate Professor & HoD and Dr. K J Rathanraj, Professor, Dept. of IEM was in Advisory Committee in the conference.

8. 26th March 2021: Presented 2 papers in On-line conference on Operations Management, Systems and Business Analytics (COMSBA – 21)

Dr. V N Shailaja, ManyaDevatha&Sneha Dinesh, presented a paper titled “Design of Blockchain Framework tackling unemployment and food traceability in Agricultural Sector using I.E Techniques” at the Annual Conference on Operations Management, Systems, and Business Analytics. Organized by Rajagiri Business School & Rajagiri College of Social Sciences, (Autonomous), Kochi, Kerala in association with Department of Industrial Engineering and Management, B.M.S. College of Engineering, Bengaluru & IISE IIT Kharagpur Students Chapter, Kharagpur, India

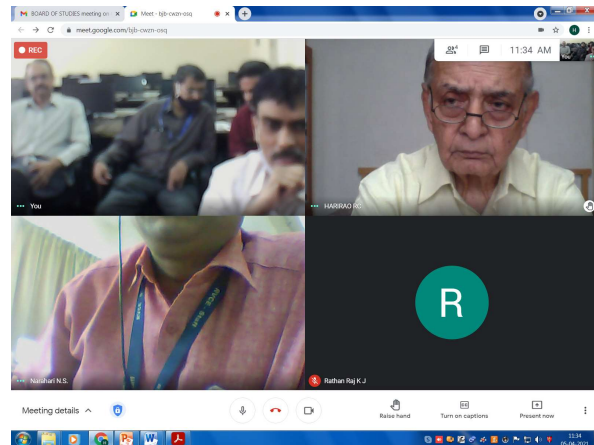
Dr. V.N.Shailaja, AlaparthicharanSai, BharathBushan&Manohar S presented a paper titled “Study of impact assessment of smartphone using GABI software” at the Annual Conference on Operations Management, Systems, and Business Analytics. Organized by Rajagiri Business School & Rajagiri College of Social Sciences, (Autonomous), Kochi, Kerala in association with Department of Industrial Engineering and Management, B.M.S. College of Engineering, Bengaluru & IISE IIT Kharagpur Students Chapter, Kharagpur, India

9. 24th – 26th March 2021: 3 – Day National Webinar titled “Ergonomics Applications for Higher Productivity”



Dr. Shailaja V N, Associate Professor, Dept. of IEM, participated in the 3 – Day National Webinar titled “ERGONOMICS APPLICATIONS FOR HIGHER PRODUCTIVITY” organized by department of Industrial & Production Engineering, PDA College of Engineering, Kalaburgi from 24th MARCH.

10. 5th April 2021: Department BOS Meeting was arranged.



Department of Industrial Engineering & Management arranged BOS meeting on 5th April 2021 to review the scheme & syllabus of VII and VIII semesters for the academic year 2021-22.

11. 20th April 2021: Organized webinar on “Sustainability Engineering/ Clean Technology Club Innovation Projects”.

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Department of Industrial Engineering and Management
BMS COLLEGE OF ENGINEERING
WEBINAR ON
SUSTAINABILITY ENGINEERING/ CLEAN TECHNOLOGY CLUB INNOVATION PROJECTS

Mr. K P Murthy
Vice chairman, Bamboo Society of India,
Founder, Clean Technology club of India

- Date: **20.4.2021 (Tuesday)**
- Time : 11:00 AM – 11:45 AM
- <https://meet.google.com/xsv-ehai-dht>
(Google Meet)

Main Topics: Bamboo Bicycles, Clean Power and Bio-Fuel for synthetic gas production, Organic Silica for semiconductors, Bamboo Reinforced Cement Concrete

Dr. Rathanraj K J
Dr. Ramesh K T
Coordinators

Dr. Ramesh Nayak
HoD, IEM, BMSCE

Dr. B V Ravishankar
Principal, BMSCE

Department of Industrial Engineering & Management organized webinar on “Sustainability Engineering/ Clean Technology Club Innovation Projects” on 20th April 2021 online. Dr. Rathanraj K J, Professor – Dept. of IEM and Dr. K T Ramesh, Assistant Professor - Dept. of IEM coordinated the webinar online. Mr. K. P. Murthy, Vice chairman, Bamboo Society of India and Founder of Clean Technology club of India was the Resource person for the webinar.

12. 8th May 2021: Delivered a talk on “KANO model for customer satisfaction”



Quality Circle Forum of India
Bengaluru Chapter
Invites you
For
Virtual Training/Lecture Programme

Dr Rathan Raj K J
SAT, 08th May, 2021
11:00 am to 12:00 pm

This is a
FREE program

Target Audience
Plant & Functional Heads, CEO, Senior ,
Middle Management, Technical/Non
Technical Any Section/Department
Manufacturing/Production/
Maintenance/ Process Areas


KANO MODEL FOR CUSTOMER SATISFACTION.

Webinar/Virtual Session through Zoom:
<https://us02web.zoom.us/j/87649087168?pwd=MTdRTRk5MkhpY0EwUDFzZWVlUjI2Zz09>
Meeting ID:876 4908 7168
Passcode:156088

Any questions may be addressed to:
Dr. Rathanraj K J
rathankj@bmsce.ac.in
rathankj@bmsce.ac.in

Dr. Rathanraj K J, Professor – Dept. of IEM was invited as a speaker for the webinar “KANO model for customer satisfaction” organized by Quality Circle Forum of India, Bengaluru Chapter on 8th May 2021.

13. 13th May 2021: Attended COVID 19 Public Lecture Series online on “COVID - 19: - Irrational treatments and what should be avoided”.



COVID-19 Public Lecture Series
Christian Medical College, Vellore, COVID-19 Public Lecture Series


“Irrational treatments and what should be avoided”

Science communication for COVID-19
Dr. Rajeev Jayadevan MD MRCP
CMC MBBS Batch of 1986
MD Internal Medicine at CMC,
Gastroenterologist at Sunrise Hospital, Ernakulam, Kerala.
Vice Chairman, Kerala state IMA Research Cell.
Vice Chairman, Kerala state IMA Epidemic Control Cell.
Coordinator, Communication skills training Kerala state IMA
Member, Scientific committee and past President, IMA Section
Author, Public educator

Chat publicly as RAMESH NAYAK...

Dr. B. Ramesh Nayak, Associate Professor & Head of IEM Department, attended COVID 19 Public Lecture Series online on “COVID - 19: - Irrational treatments and what should be avoided” on 13th May 2021 organized by Christian Medical College, Vellore.

14. 21st May 2021: Attended webinar on “DRDO’s Defence and Covid-19 related technologies towards AtmaNirbhar Bharat”



5:14

Webex

LIVE

Secretary DDR&D

BN

B. Ramesh Nayak (me)

Dr. B. Ramesh Nayak, Associate Professor & Head of IEM Department, attended webinar on “DRDO’s Defence and Covid-19 related technologies towards AtmaNirbhar Bharat” organized by PACE of IEEE India Council on 21st May 2021. Dr. Satheesh Reddy, Secretary DDR&D was the speaker for the webinar.

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15. 22nd May 2021: Attended webinar on “Machine Learning for Predictive Maintenance”

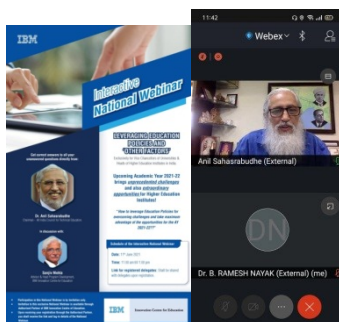


Dr. B. Ramesh Nayak, Associate Professor & Head of IEM Department, attended webinar on “Machine Learning for Predictive Maintenance” held on 22nd May 2021. The Webinar was organized by Dept. of IEM, Dr. AIT, and Bengaluru.

16. 4th June 2021: Attended Webinar on “Thermal Barrier Coating”

Prof. Kavitha Rani N., Assistant Professor, Dept. of Industrial Engineering & Management attended webinar on “Thermal Barrier Coating” on 4th June 2021.

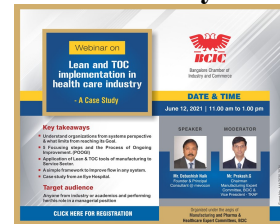
17. 12th June 2021: Attended National Webinar on “Leveraging Education policies and other Factors”



Dr. B. Ramesh Nayak, Associate Professor & Head of Department of Industrial Engineering & Management attended National Webinar on “Leveraging Education

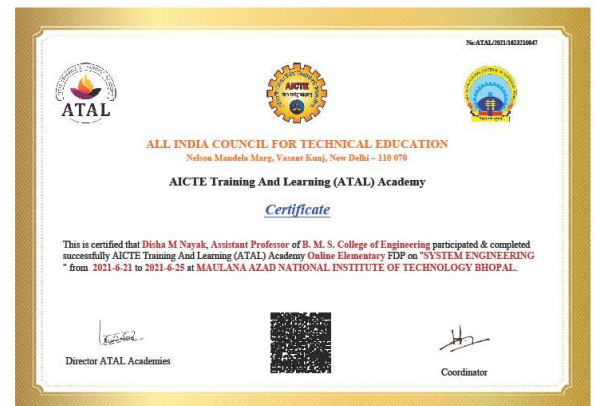
policies and other Factors” on 12th June 2021 organized by IBM. Dr. Anil Sahasrabudhe, Chairman – AICTE was Keynote Speaker for the webinar.

18. 12th June 2021: Attended Webinar on “Lean and TOC implementation in health care industry”



Prof. Kavitha Rani N., Assistant Professor, Dept. of Industrial Engineering & Management attended webinar “Lean and TOC implementation in health care industry” on 12th June 2021 organized by Bangalore Chamber of Industry & Commerce. Dr. Debashish Naik, Founder & Principal Consultant at Mevocon was the Speaker for the Webinar.

19. 21st June 2021: Participated online Elementary FDP on “System Engineering”



Prof. Disha M Nayak, Assistant Professor, Dept. of Industrial Engineering & Management participated & completed successfully AICTE Training and Learning (ATAL) Academy online

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Elementary FDP on “System Engineering” from 21.06.2021 to 25.06.2021 at MaulanaAzad National Institute of Technology, Bhopal.

20. 25th June 2021: Attended Webinar on “Optimism in Difficult Times”.

Webinar on 'OPTIMISM IN DIFFICULT TIMES'
On 25th June 2021 At 3 P.M. to 4.30 P.M.

CONTENTS:

- Developing Positivity & Optimism in these testing times
- Keeping away stress and anxiety
- Inculcating Positive Attitude & Self Motivation
- Developing Physical Immunity, Mental Tranquility & Emotional Stability

TRAINER:

- Has conducted Training Programmes for Students & Teaching Staff in over 75 Colleges & Educational Institutions
- Has conducted more than 200 on line programmes in pandemic time
- Has trained more than 4,00,000 (4 lakh) employees in over 500 organizations in India and abroad
- Has authored several educative books and brought out CDs

V. Aswatha Ramesh
Unique Consultants

Dr. B. Ramesh Nayak, Associate Professor & Head of Department of Industrial Engineering & Management attended Webinar on “Optimism in Difficult Times” on 25th June 2021 organized by B.M.S. College of Engineering. Mr. V. AswathaRamaiah, Unique Consultants was the speaker for the Webinar.

21. 27th June 2021: Attended International webinar on “Challenges and opportunities in higher education beyond COVID – 19”

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY
(An Autonomous Institution, Aided by Government of Karnataka, Accredited by NBA, NAAC "A" Grade)
BDA Outer Ring Road, Near Jnana Bharathi Campus, Malathahalli, Bangalore - 560 056.

This Certificate is Proudly Presented to
Prof. REDDY NAIK J

for participating in International Webinar Series - II
"Challenges and Opportunities in Higher Education beyond COVID-19"
on 27-06-2021

Dr. G. Rajendra (Principal), Dr. B. N. Umesh (Treasurer), Sri. A. R. Krishnamurthy (Managing Trustee / Secretary)

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY
(An Autonomous Institution, Aided by Government of Karnataka, Accredited by NBA, NAAC "A" Grade)
BDA Outer Ring Road, Near Jnana Bharathi Campus, Malathahalli, Bangalore - 560 056.

This Certificate is Proudly Presented to
Prof. DISHA M NAYAK

for participating in International Webinar Series - II
"Challenges and Opportunities in Higher Education beyond COVID-19"
on 27-06-2021

Dr. G. Rajendra (Principal), Dr. B. N. Umesh (Treasurer), Sri. A. R. Krishnamurthy (Managing Trustee / Secretary)

Prof. Reddy Naik J, Assistant Professor and Prof. Disha M Nayak, Assistant Professor, Dept. Industrial Engineering & Management attended International Webinar on “Challenges and opportunities in higher education beyond COVID – 19” on 27th June 2021.

22. 30th June 2021: Published Journal paper on “Zirconia mixed metal oxide nanoparticles for thermal barrier coatings: synthesis and characterization: a review”

International Academy of Science, Engineering and Technology
IASET
Connecting Researchers, Nurturing Innovations

Paper Id: IJGETJUN202106 Date: 30-06-2021

Certificate of Publication

This is to certify that the research paper title "ZIRCONIA MIXED METAL OXIDE NANOPARTICLES FOR THERMAL BARRIER COATINGS: SYNTHESIS AND CHARACTERIZATION: A REVIEW" authored by "KAVITHA RANI N, M. C. JAGATH, K. N. ANURADHA, RAJESHWARI P & MAHESH G. EMMI" had been reviewed by the board and published in "International Journal of General Engineering and Technology (IJGET)"; ISSN Print: 2278-9928; ISSN Online: 2278-9936; VOL-10, ISSUE-1; Jan-Jun 2021; Impact Factor (JCC)-2020: 5.1484; ICV:2017: 49.07; NAAS Rating: 2.07; Impact Factor (Research Bib): 3528 / 2012."

S. Uma (Deputy Editor-IASET), M. Jayaraman (Editor-In-Chief-IASET)

Prof. Kavitha Rani N., Assistant Professor, Dept. of Industrial Engineering & Management, published Journal paper on “Zirconia mixed metal oxide nanoparticles for thermal barrier coatings: synthesis and characterization: A Review” in “International Journal of General Engineering and Technology” (IJGET); ISSN Print:

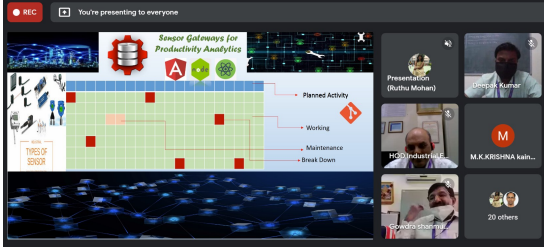
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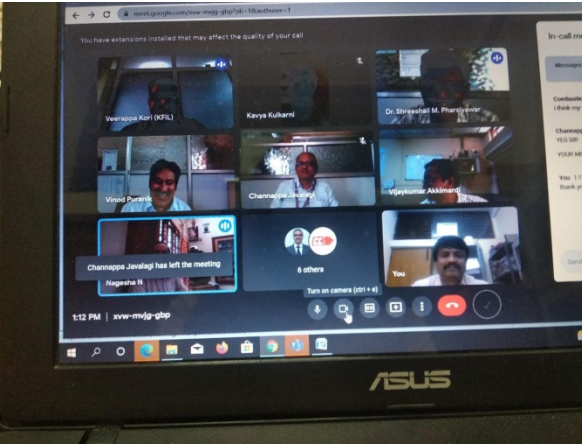
2278-9928; ISSN Online: 2278-9936;
VOL-10, ISSUE-1; Jan--Jun2021.

23. 1st July 2021: Faculty was invited as a chief guest for the inauguration of Productivity club at MSRIT



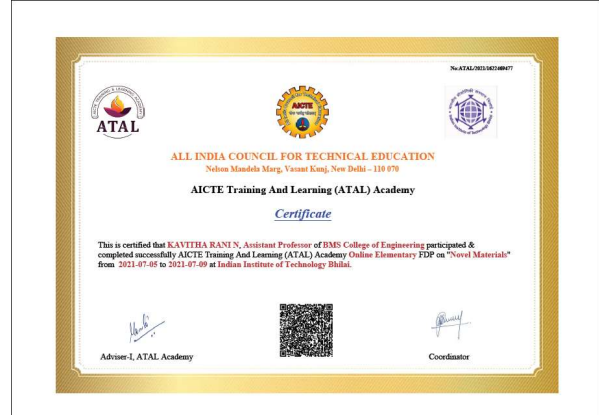
Dr. B Ravishankar, Professor, Dept. of IEM, was invited as a chief guest for the inauguration of Productivity club at MSRIT. He delivered the inaugural address titled "Current Trends in Productivity" to a group of young Engineers & Industrial Engineering professionals at MSRIT on 1st July.

24. 3rd July 2021: Participated in BOS meeting of Basaveshwar Engineering College



Dr. K J Rathanraj, Professor, Dept of IEM, participated in Board of Studies (BOS) meeting at Basaveshwar Engineering College, Bagalkot as a VTU Nominee on 3rd July 2021 by online mode.

25. 5th July 2021: Faculty attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP



Prof. Kavitha Rani, Assistant Professor, Dept of IEM completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Novel Materials" from 2021-07-05 to 2021-07-09 at Indian Institute of Technology Bhilai.

26. 17th July 2021: Faculty participated in Virtual Training organised by Quality Circle Forum of India, Bengaluru Chapter



Prof. Kavitha Rani, Assistant Professor, Dept of IEM, participated in Virtual Training organized by

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Quality Circle Forum of India, Bengaluru Chapter in WORK PLACE MANAGEMENT by Sri Ranganath M A on Saturday, 17th July, 2021.

“Advances in Novel Composite Materials: Fabrication, Analysis and Optimization” during 6th September to 10th September 2021 at NIT, Patna.

27. 6th September 2021: Online course on “Control Charts” at CQA(BEML)

Website: qadefence.gov.in
E-mail: qadefence@bhel.in
Phone: 080-25240776
Fax: 080-25240240

www.bhel.in
www.qa.gov.in

No: CQA(BEML)/0006/ICV/19/AC
D. Mathkalyana Babu
Principal
BMS College of Engineering Bul Temple Road
Bengaluru - 560 019

27 Aug 2021

**ONLINE COURSE ON "QUALITY AND RELIABILITY ENGINEERING"
FROM 06 TO 10 SEP 2021 AT CQA(BEML) BANGALORE**

1. This Controllerate has been entrusted with the responsibility of conducting one week course on "Quality & Reliability Engineering" from 06 to 10 Sep 2021 at CQA(BEML) Bengaluru.

2. This Controllerate conducted above mentioned course during last year, the topic covered by Dr. Rathana KJ was well appreciated by the participants, hence once again we request to detail Dr. Rathana KJ to deliver lecture imparting the update and value-added contents on the topic given below. The course will be conducted online.

Sr No	Topic	Date & Duration
01	Control Charts for Variables: Variability, Variations due to assignable causes, Chance variations, Control charts, Control charts for variables, Choice of variables, States of Sub-grouping, Frequency of sampling, Control limits, Drawing conclusions from Control Charts, Various Control Chart patterns, Setting the Control Limits, Use of Control Chart for Action on the process, Process capability analysis, Process Capability, Why does a capable manufacturing process give defects? Control Charts for Attributes: Practical Limitations of the Control Charts for variables, Control Charts for Attributes, Control charts for Defects, Comparisons of Control Charts for variables & Attributes	08 Sep 2021 Wednesday 0900 to 1115 Yes

3. An early confirmation is requested please

(M K Kashava Prasad)
M K Kashava Prasad
Asst Controller
For Controller

Dr. K J Rathana Raj, Professor, Dept. of IEM, was invited to deliver online course on “Control Charts” at CQA (BEML) during 6th September to 10th September 2021.

28. 6th September 2021: Faculty attended AICTE - ATAL FDP on “Advances in Novel Composite Materials: Fabrication, Analysis And Optimization”

No: ATAL/2021/162

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Reddy Naik J, Assistant Professor of B M S College of Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "ADVANCES IN NOVEL COMPOSITE MATERIALS: FABRICATION, ANALYSIS & OPTIMIZATION" from 06/09/2021 to 10/09/2021 at National Institute of Technology Patna.

Advisor-I, ATAL Academy
Manita Rani Agarwal

Coordinator

Prof. Reddy Naik. J, Assistant Professor, Dept. of IEM attended AICTE - ATAL FDP on

29. 13th September 2021: Faculties attended AICTE - ATAL FDP on “Nurturing today’s learners to become tomorrow’s leaders to face global challenges”

No: ATAL/2021/1627031841

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Reddy Naik J, Assistant Professor of B M S College of Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Nurturing today's learners to become tomorrow's leaders to face global challenges" from 13/09/2021 to 17/09/2021 at M S Ramaiah Institute of Technology.

Advisor-I, ATAL Academy
Manita Rani Agarwal

Coordinator

No: ATAL/2021/1630658349

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that SHAILAJA V N, Associate Professor of BMS College of Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Nurturing today's learners to become tomorrow's leaders to face global challenges" from 13/09/2021 to 17/09/2021 at M S Ramaiah Institute of Technology.

Advisor-I, ATAL Academy
Manita Rani Agarwal

Coordinator

No: ATAL/2021/1627031858

ATAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training and Learning (ATAL) Academy

Certificate

This is certified that Disha M Nayak, Assistant Professor of B. M. S. College of Engineering participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Nurturing today's learners to become tomorrow's leaders to face global challenges" from 13/09/2021 to 17/09/2021 at M S Ramaiah Institute of Technology.

Advisor-I, ATAL Academy
Manita Rani Agarwal

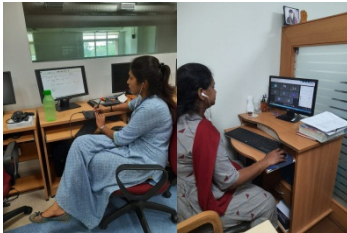
Coordinator

Prof. Reddy Naik .J, Assistant Professor, Dr. V. N. Shailaja, Associate

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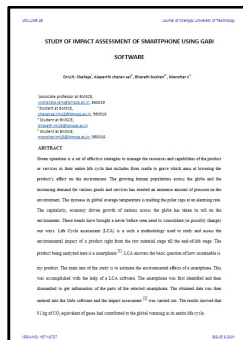
Professor, **Prof. Disha M Nayak**, Assistant Professor, Dept. of IEM attended AICTE - ATAL FDP on “Nurturing today’s learners to become tomorrow’s leaders to face global challenges” during 13th September to 17th September at M S Ramaiah Institute of Technology.

30. 24th September: Inaugurated value added course on “Python Programming” for the benefit of students jointly organized by Dept. of IEM and Dept. of CSE, BMSCE



Prof. Disha M Nayak, Assistant Professor, Dept. of IEM coordinated value added course on “Python Programming” for the benefit of 3rd and 4th year students, Dept. of IEM jointly organized with Dept. of CSE.

31. 26th September: Published Journal paper on “Study of Impact Assessment of Smartphone Using Gabi Software”



Dr.V.N. Shailaja, Associate Professor, Dept. of IEM, Alaparthicharansai ,Bharathbushan , Manohar S Published paper titled "STUDY OF IMPACT ASSESSMENT OF SMARTPHONE USING GABI SOFTWARE " in the Scopus Indexed Journal,Journal of Chengdu University of Technology (Science & Technology) ISSN-NO- 1671-9727,PAPER ID:CDU-0921-186,<http://cdujournal.com/index.php/vol26num9/>

32. 12th November 2021: Online course on “Product Management” organized by Turnip Innovation



Prof. Reddy Naik. J, Assistant Professor, Dept. of IEM attended completed online course on “Product Management” organized by Turnip Innovation and facilitated by Mr. Rajesh Mukherjee from 12th November to 17th November 2021.

33. 30th November 2021: Faculty published paper titled “Effect of MR fluid on reduction of Whiplash Injury in Female car Occupants: A Simulation Study” in British Medical Journal, Web of Science Journal.

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Dr. SHAILAJA V N, Associate Professor, Dept. of IEM ,published paper titled **“Effect of MR fluid on reduction of Whiplash Injury in Female car Occupants: A Simulation Study”** has been published in BMJ , Web of Science Journal, ISSN/E-ISSN 0007-473X, volume 22, Issue 11, 30th November – 2021, IMPACT FACTOR: 3.9.

34. 3rd December 2021: Faculty published paper titled **“Design Of Material Allocation Module in An ERP System for Product Industry”** in BMJ , Web of Science Journal

Dr. SHAILAJA V N, Associate Professor, Dept. of IEM ,published paper titled **“Design Of Material Allocation Module in An ERP System for Product Industry”** in BMJ , Web of Science Journal, ISSN/E-ISSN 0007-473X, volume 22, Issue 11- 2021, PageNo152-158.

<https://doi.org/11.37896/BMJ22.10/4416>

35. 3rd December 2021: Faculty published paper titled **“Design of Blockchain Framework for Smart Contracts in Agricultural Sector using I.E Techniques”** in BMJ, Web of Science Journal

Dr. SHAILAJA V N, Associate Professor, Dept. of IEM , published paper titled **“Design of Blockchain Framework for Smart Contracts in Agricultural Sector using I.E Techniques”** in BMJ , Web of Science Journal, ISSN/E-ISSN 0007-473X, volume 22, Issue 11-2021, Page No 159-164.

<https://doi.org/11.37896/BMJ22.10/4417>