



SEPTEMBER 2020

MISSION

To implement path breaking student centric education methods. To augment talent, nurture teamwork to transform to develop individual as responsible citizen. To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society. Strengthen Industry-Institute Interaction for knowledge sharing.

VISION

To be a best institution imparting quality engineering education to deal with community needs through learning and performance.

SRI G. DAYANAND, CHAIRMAN



The “COMPU NET - The Information Hub” newsletter of the department of Computer Science & Engineering is providing great space for the students and faculty to pen down their innovative ideas, imagination and perceptions to showcase creativity. So, I take the opportunity to congratulate the Department of CSE and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

SRI G. D. MANOJ, EXECUTIVE DIRECTOR

I am indeed happy to share that department of Computer Science & Engineering is having its monthly newsletter “COMPU NET - The Information Hub”. I personally urge all faculty members and students of the department to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and interesting facts. I congratulate the team of Computer Science & Engineering editorial committee.



PRINCIPAL'S DESK



It gives me immense pleasure to note that, SCE has been publishing bi-annual newsletter and I am sure, this will provide an opportunity for the faculty and students to share their knowledge and beacon the information about various issues and activities that are being taking place in the department. I look forward for more activities and achievements for the department to march towards excellence in the future. I would like to thank all teaching, supporting staff and our beloved students for their active participation in publishing this magazine. My special compliments and congratulation to the editorial team of the department for their consistent effort in publishing this newsletter.

DR. M H ANNAIAH, VICE-PRINCIPAL



I am very happy and delighted to know that our college is bringing out the college newsletter. SCE is one of the leading premier engineering colleges in the country offering quality technical education to students thereby enabling them to become globally acceptable engineers in their domains. The newsletter provides a platform for both faculty and students to showcase their achievements and hidden talents. I congratulate our beloved principal and members of editorial board for bringing out this excellent and informative newsletter on time.

HOD'S DESK



The Computer Science & Engineering Department was established in the year 2001 with an intake of 60 students and the current intake is 120 students. The department also runs a Post-Graduate program in Computer Science & Engineering and an established Research Centre in 2013, affiliated to VTU Belagavi. The department aims to produce engineering graduates with adequate theoretical and practical knowledge in the area of computer science so as to make them capable of design, implementation, development and maintenance of high-quality software products meeting industry standards. I am very proud to express that our department is coming out with a new venture that is a newsletter to share various events and thoughts happened.

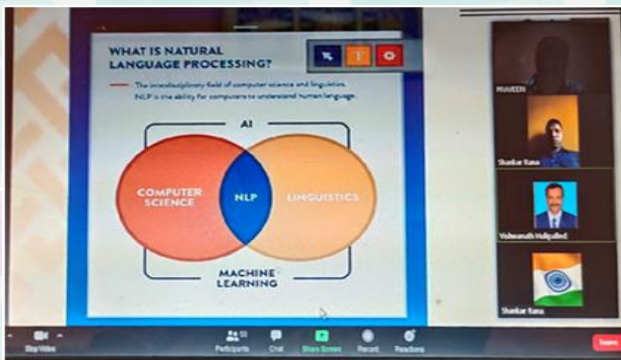
WEBINAR ON POST COVID IMPACT



Department of Computer Science and Engineering organized a Webinar on Post Covid Impact on IT Sector on 01/06/2020 by Mr Darshan K N for both students and faculties of CSE Department.

WEBINAR ON NATURAL LANGUAGE PROCESSING

Department of Computer Science and Engineering organized a Webinar on Natural Language Processing on 07/06/2020 by Dr Vishwanath R H for both students and faculties of CSE Department



Speaker delivering the talk

WEBINAR ON BENEFITS AND CAREER OPPORTUNITIES OF GATE EXAMS



Department of Computer Science and Engineering organized a Webinar on BENEFITS AND CAREER OPPORTUNITIES OF GATE EXAMS on 12/06/2020 by Mr Pranshu Mahajan for both students and faculties of CSE Department.

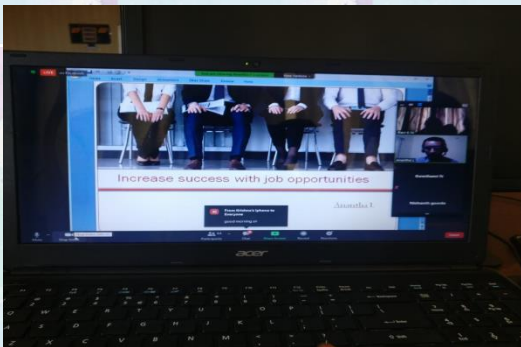
Live Session on GATE Exam Preparation by Pranshu Mahajan

WEBINAR ON ROBOTIC OPERATING SYSTEM

Webinar on Robotic Operating System on 17th June 2020 for students across various disciplinary of engineering.



WEBINAR ON “INCREASE YOUR SUCCESS WITH JOB OPPORTUNITIES”



Department of Computer Science and Engineering organized a Webinar on “Increase Your Success with Job Opportunities” on 11/07/2020 by Mr Anantha L for students of all disciplinary of Engineering, Coordinated by Prof. Kavitha G and Prof. Nanda M B.

NATIONAL LEVEL ONLINE FDP

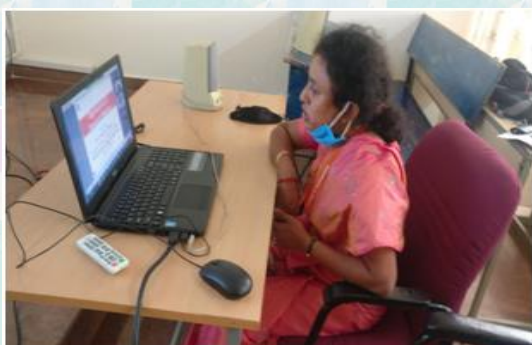
Department of Computer Science and Engineering organized a National Level Online FDP on Machine Learning & Research Opportunities on 15/06/2020 To 19/06/2020 by Dr Palanivel Rajan S, Dr Naresh E, Dr Vimuktha Evangeleen, Mr Anantha Sireesh T A, Shree Gowri M B, Dr N Nalini& CSE Faculties for faculties of various colleges .



5 days National Level FDP



Inauguration Speech by Principal



Welcome Speech by HOD CSE



Faculty Coordinators Prof.SuriyaPrakash.J, Prof.Madhushree and Prof.Nanda M B

QUIZ ON BIG DATA

Department of Computer Science and Engineering organized a Quiz on “Big Data” for Faculties and Students across all disciplinary of engineering, conducted on 29/6/2020, Coordinated by Prof.Kavitha G and Prof. Nanda M B.

QUIZ ON BIG DATA STRUCTURES

Department of Computer Science and Engineering organized a Quiz on “Data Structures” for Faculties and Students across all disciplinary of engineering, conducted on 30/6/2020, Coordinated by Prof.Kavitha G and Prof. Nanda M B.

QUIZ ON VIDEO SHOT DETECTION

Quiz on “VIDEO SHOT DETECTION” for Faculties and Students across CSE/ISE disciplinary of engineering, conducted on 21/7/2020.

QUIZ ON BLOCKCHAIN TECHNOLOGY

Department of Computer Science and Engineering organized a Quiz on “Blockchain Technology” for Faculties and Students across all disciplinary of engineering, conducted on 30/6/2020, Coordinated by Prof.Kavitha G and Prof. Nanda M B.

QUIZ ON C PROGRAMMING

National level quiz on “C -PROGRAMMING” for Faculties and Students across CSE/ISE disciplinary of engineering, conducted on 29/06/2020-30/06/2020.

ALUMNI TALKS



Mr. Suman Suryapraksh Addressing CSE Students

Department of Computer Science and Engineering organized an Alumni Talk on Android APP Development on 15/02/2020 by SumanSurya prakash for all the 3rd semester students.



Mr. Revanth C addressing CSE students

Department of Computer Science and Engineering organized an Alumni Talk on AWS-DevOPS on 15/02/2020 by Revanth C for all the 5th semester students.



Department of Computer Science and Engineering organized an Alumni Talk on Machine Learning on 15/02/2020 by Nishanth U for all the 5th semester students.

Mr. Nishanth U addressing CSE students



Department of Computer Science and Engineering organized an Alumni Talk on Chitbot Product on 15/02/2020 by Punith H R for all the 3rd semester students.

Mr. Punith H R addressing CSE students



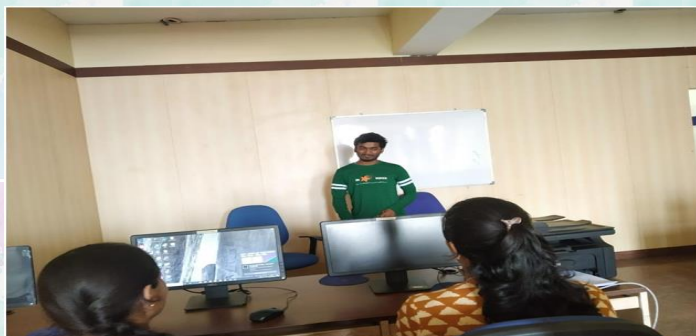
Department of Computer Science and Engineering organized an Alumni Talk on Software Testing on 29/02/2020 by Bhuvana Shree for all the 3rd semester students.

Ms. Bhuvana shree addressing CSE students



Department of Computer Science and Engineering organized an Alumni Talk on Software Testing on 29/02/2020 by Meghana N for all the 3rd semester students.

Ms. Meghana N addressing CSE students



Department of Computer Science and Engineering organized an Alumni Talk on Entrepreneurship Qualities on 02/03/2020 by Deepak N for all the 5th semester students.

Mr. Deepak N addressing CSE students



Department of Computer Science and Engineering organized an Alumni Talk on Cloud Computing on 13/03/2020 by Rachel Britto for all the 7th semester students.

Ms. Rachel Britto addressing final year CSE students

WORKSHOPS/FDP ATTENDED BY THE FACULTIES

1	Latha A has participated in National Level Online Faculty Development Program on “Network Simulations Using NS-3 - A Research Perspective” organized by SVCE on 6/6/2020
2	Prof.Nanda M B has participated in National Level Online Faculty Development Program on “Network Simulations Using NS-3 - A Research Perspective” organized by SVCE on 6/6/2020
3	Prof. Nanda M B has participated in an online Faculty Development Program on “Are you iot ready?Join configuration of smart home using CISCO packet tracer”,dept of CSE, organized by JAIN University on 23rd May2020..
4	Prof.Nanda M B has participated in the Faculty Development Program on “Enriching Research Acumen” organized by Christ College of Engineering,Irinjalakuda,Kerala from 25/7/2020 to 29/7/2020.
5	Prof.Nanda M B has participated in a one week Faculty Development Program on “Emerging Trends in Computer Science and Information Technology,Ghatkesar,Hyderabad ” organized by Kommuri Pratap Reddy Institute Of Technology from 29/6/2020 to 4/07/2020.
6	Prof.Nanda M B has participated in a 5 days Faculty Development Program on “Blockchain Technologies” organized by Reva University from 25/6/2020 to 29/6/2020.
7	Prof.Nanda M B has attended 1Day Workshop on “NEURAL NETWORKS-JOURNEY FROM SHALLOW TO DEEP LEARNING” by department of Information Science & Engineering on june 5th 2020.
8	Prof.Nanda M B has participated in 5 days Virtual Faculty Development Program on “Natural

	LANGUAGE PROCESSING ” organized by REVA University from 30/6/2020 to 04/7/2020.
9	Prof.Nanda M B has Conducted and attended National Level online 5 days FDP on Machine Learning and Research opportunities , Dept of CSE, SCE from 15/06/2020-19/06/2020
10	Shankar Rana has attended a National level webinar on ”WRITING EFFECTIVE RESEARCH PAPERS” organized by Dept. Of CSE, Sir MVIT, Bengaluru on 30-05-2020
11	Prof.Nanda M B has Conducted and attended National Level online 5 days FDP on Machine Learning and Research opportunities , Dept of CSE, SCE from 15/06/2020-19/06/2020
12	Shankar Rana has attended a National level webinar on ”WRITING EFFECTIVE RESEARCH PAPERS” organized by Dept. Of CSE, Sir MVIT, Bengaluru on 30-05-2020
13	Shankar Rana has participated in a National level webinar on ”BLOCKCHAIN TECHNOLOGY” organized by Dept. Of CSE, SJBIT, Belagavi on 09-05-2020.
14	SHANKAR RANA has participated in the has participated in the COVID -19 General Awareness Quiz 19 conducted by Department of Mechanical Engineering
15	Shashi Rekha G has participated in one week Faculty Development Program on “Emerging Trends in Computer Science and Information Technology” organized by KPRIT from 29/6/2020 to 04/7/2020.
16	Shashi Rekha G has participated in 5 days Virtual Faculty Development Program on “Natural LANGUAGE PROCESSING ” organized by REVA University from 30/6/2020 to 04/7/2020.
17	Chaitra N C has participated in3 days National Level Online FDP on Machine Learning & Research Opportunities on 15/06/2020 To 19/06/2020 organised by SCE
18	Chaitra N C has attended a National level webinar on ”Industrial process of software testing and framework organized by Dept. Of CSE,SJBIT, Bengaluru on 30-05-2020.
19	Anuradha Badage has attended a National Webinar on Transforming classrooms into Informal and Learning Grounds: online and Apps, organized by ST. Xavier’s College ,Jaipur. On 31/05/2020
20	Anuradha Badage has attended a webinar on Personality Development through online courses- The 3D learning , organized by Dept of ISE , VKIT on 01/06/2020
21	Anuradha Badage has attended National Level online 5 days FDP on Machine Learning and Research opportunities , dept of CSE, SCE from 15/06/2020-19/06/2020
22	Anuradha Badage has attended a webinar COVID-19 Data Analysis using Python and Tablean ,organized by VKIT on 11/07/2020
23	Prof. Manasa K N Participated in a One Week Online National Level Faculty Development Programme entitled “Python 3.4.3” organized by Department of Computer Technology, Sou Venutai Chavan Polytechnic,Pune-41 from 11th May 2020 to 15th May 2020 in association with Spoken Tutorial, IIT Bombay
24	Prof. Manasa K N has participated in 5 days Virtual Faculty Development Program on “Machine Learning using Python ” organized by REVA University from 25/5/2020 to 29/5/2020.
25	Prof. Manasa K N has participated in 3 days Virtual Faculty Development Program on “Python for Data Analysis ” organized by REVA University from 17/6/2020 to 19/6/2020.

26	Prof. Manasa K N has participated in 5 days Virtual Faculty Development Program on “Natural LANGUAGE PROCESSING ” organized by REVA University from 30/6/2020 to 04/7/2020.
27	Prof. Manasa K N has attended National Level online 5 days FDP on Machine Learning and Research opportunities , dept of CSE, SCE from 15/06/2020-19/06/2020
28	Prof. Kavitha G has participated in 5 days Virtual Faculty Development Program on “ Machine Learning and Research opportunities” organised by department of Computer Science, Sapthagiri College of Engineering from 15-06-2020 to 19-06-2020
29	Prof. Kavitha G has participated in 5 days Virtual Faculty Development Program on “ Natural Language Processing” organised by Reva University from 30-06-2020 to 04-07-2020
30	Prof. Kavitha G has participated in 5 days Virtual Faculty Development Program on “Machine Learning using Python ” organized by REVA University from 25/5/2020 to 29/5/2020.
31	Dr. Praveen Kumar K V has participated in 5 days workshop on “Natural Language Processing” at REVA University from 30 th June to 4 th July 2020.
32	Dr. Praveen Kumar K V has participated in 5 days workshop on “Examination Reforms”organized by AICTE from 29/04/2020 to 2/05/2020
33	Dr. Praveen Kumar K V has participated in 5 days workshop on “Intellectual Property rights “ organized by KSCST from 29/04/2020 to 2/05/2020
34	Chaithra has participated in “Real Time case studies in Machine Learning” organized by EWIT from 22 nd to 26 th June
35	Chaithra has participated in NATIONAL LEVEL ONLINE 5 DAYS FDP ON “MACHINE LEARNING AND RESEARCH OPPORTUNITIES”from 15-06-2020 to 19-06-2020 in Sapthagiri College of Engineering
36	Chaithra attended 5 -days Hands-on Workshop on "Outcome Based Education & NBA Accreditation", to be held from 6th to 10th January 2020 in NITTE INSTITUTE OF TECHNOLOGY
37	Chaithra attended FDP on “Machine Learning with Python”from 13 th 18 th July 2020,organized by KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES (Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, NAAC ‘A’ grade, Accredited by NBA) Vinjanampadu, Vatticherukuru Mandal, Guntur, Andhra Pradesh-522017
38	Chaithra attended FDP on “Virtual FDP on Natural Language processing” from 30 th June TO 4 th July 2020 organized by Reva Institute of Technology.
39	Shashi Rekha G has participated in 3 days National Level Online FDP on Machine Learning & Research Opportunities on 15/06/2020 To 19/06/2020 organised by SCE
40	Madhushree attended 5 -days FDP on "LATEX and its applications for researchers", held from 20th to 24th July 2020 in Vidyavardhaka college of engineering Mysuru.

PUBLICATIONS

1	Prof. Manasa K N, A paper published on “Survey on Cleanliness Assessment of Urban Street using Mobile Edge Computing and Deep Learning” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020 with an impact factor 7.529
2	Prof. Manasa K N, A paper published on “Classroom Attendance Management System using Face Recognition” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020 with an impact factor 7.529
3	Prof. Madhushree, has published paper on “A Survey on recent technologies used in brain tumor classification and survival outcome prediction” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 7 July 2020 with an impact factor 7.529
4	Prof. Madhushree, has published paper on “Detection of social network mental disorder via online social media mining” in Gedrag & organisatie review, volume 33, issue 02 (april-june) -2020, SCOPUS.
5	Prof. Madhushree, has published paper on “Secure CAPTCHA generation” in Gedrag & organisatie review, volume 33, issue 02 (july-sep) -2020, SCOPUS.
6	Prof. Vindhya G B, published paper on “SURVEY ON IoT BASED INTRAVENOUS FLOW MONITORING SYSTEM” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020 with an impact factor 7.529
7	Prof. Vindhya G B, published paper on “SURVEY ON PREDICTION OF ALZHEIMER’S DISEASE USING MACHINE LEARNING” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020 with an impact factor 7.529
8	Prof. Vindhya G B, published paper on “IDENTITY DECEPTION DETECTION ON SOCIAL MEDIA PLATFORM” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020 with an impact factor 7.529
9	Prof. Latha A paper published on “Prediction on Potential Health Risks with Regular Physical Examination Record using Machine Learning” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 6 June 2020
10	Prof. Latha A paper published on “Detection and Classification of Skin Diseases” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020
11	Prof. Latha A paper published on “Melanoma Cancer Detection using Deep Learning” in International Research Journal of Engineering and Technology (IRJET), Volume 7 Issue No 5 May 2020
12	Prof. NANDA M B paper published on “IoT based air quality and sound intensity monitoring system using raspberry Pi” in International Journal of Recent Technology and Engineering (IJRTE), Volume 9, Issue No 2, July 2020. SCOPUS.
13	Prof. NANDA M B paper published on “Intelligent lifesaver dispenser machine using raspberry-pi 3” International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 4, Issue No 5, May 2020. UGC approved.
14	Prof. NANDA M B paper published on “SURVEY ON IoT-BASED AIR QUALITY AND SOUND INTENSITY MONITORING SYSTEM USING RASPBERRY PI” in International Journal for Scientific Research & Development (IJSRD), Volume 8, Issue No 1, April 2020.
15	Prof. NANDA M B has Presented paper on INTELLIGENT LIFESAVER DISPENSER MACHINE USING RASPBERRY-PI 3 in NATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING (NCETE-2020) ON 14TH JUNE 2020 GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY, GANGAVARAM(V), KOVUR(M), NELLORE(D), ANDHRA PRADESH IN ASSOCIATION WITH InSc on JUNE 14TH 2020.
16	Prof. NANDA M B has Presented paper on LIVESTOCK MONITORING USING INTERNET OF THINGS in NATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING (NCETE-2020) ON 14TH JUNE 2020 GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY, GANGAVARAM(V), KOVUR(M), NELLORE(D), ANDHRA PRADESH IN ASSOCIATION WITH InSc on JUNE 14TH 2020.
17	Prof. NANDA M B has Presented paper on IoT-BASED AIR QUALITY AND SOUND INTENSITY MONITORING SYSTEM USING RASPBERRY PI INTERNATIONAL CONFERENCE ON NEW COMPUTER SCIENCE AND ENGINEERING TRENDS (NCSET-2020) ON 1-2 JULY 2020.

18	Prof. Shankar Rana has Published a Paper on “ SOIL CLASSIFICATION AND CROP SUGGESTION USING MACHINE LEARNING” in International Research Journal of Engineering and Technology(IRJET) in Volume 7 issue, June 6th, 2020
19	Prof. Anuradha Badage has published a paper on Large scale Farm Land Monitoring System using IoT, Vol 7, Issue 6, June 2020,IRJET.
20	Prof. Anuradha Badage has published a paper on Sugarcane Crop Support System, in IJSTE, Vol 7, Issue 01, July 2020
21	Prof. Shilpa M has published a paper on “Network Encroachment Recognition using ANN” In International Research Journal of Engineering and Technology(IRJET)vol 7 issue 6 june 2020
22	Prof. Shilpa M has published a paper”Gas Leakage Detection and Automatic Gas booking Using IOT In International Research Journal of Engineering and Technology(IRJET)vol 9 issue 5 may 2020.
23	Prof .Kavitha G paper published on “Trainable Automatic Wireless Controlled Robot for Removal of Agricultural Weeds” in International Journal of Research in Engineering, Science and Management (IJRESM), Volume 3 ,Issue No 6 ,June 2020.
24	Prof. Kavitha G paper published on “Trading Simulation and Stock Market Prediction ” in International Journal of Science Technology & Engineering (IJSTE), Volume 6 ,Issue No 12 ,June 2020.
25	Prof. NANDA M B paper published on “SURVEY ON IoT-BASED AIR QUALITY AND SOUND INTENSITY MONITORING SYSTEM USING RASPBERRY PI” in International Journal for Scientific Research & Development (IJSRD), Volume 8 ,Issue No 1 ,April 2020.
26	Dr. Praveen kumar K V paper published on, COMPUTATION OFFLOADING DECISION USING CONVOLUTION NEURAL NETWORK IN VEC, in GIS SCIENCE JOURNAL,VOLUME 7, ISSUE 7, 2020
27	Dr. Praveen kumar K V paper published on, Finger print based secure identification system using IoT, IJSREM vol 04,Issue 06 June,2020
28	Dr. Praveen kumar K V paper published on, Design and implementation of driver drowsiness and alcohol intoxication detection , IRJET, vol 07, issue 06, june 2020
29	Dr. Praveen kumar K V paper published on, A survey on service offloading in vehicular edge computing,IJERP, VOL 2, ISSUE 1, MAY 2020
30	Mrs. Chaithra Published paper on “Digital Data Forgetting using a Machine Learning Approach”Volume-3, Issue-6, June-2020 in International Journal of Research in Engineering, Science and Management
31	Mrs. Chaithra, Puneeth A, Tejaswini N R, Ramya R, Swathi H S has published his/her manuscript entitled “CAMOUFLAGE TECHNIQUE BASED MULTIFUNCTIONAL ARMY ROBOT” 2020,volume 8,Issue 2
32	Prof. Shashi Rekha G Published paper on “Analysis of Fine Grained Air Quality and Prediction of Air Pollution”Volume-7, Issue-5, May-2020 in International Research Journal of Engineering and Technology.

Chief Editor : Dr. Kamalakshi Naganna

Sub Editor : Mrs. Madhushree

: Mr. Kiran S

Student : Sharan S(7th sem)

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