

Professional Ethics Programmes



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603103

GE8076

PROFESSIONAL ETHICS IN ENGINEERING

OBJECTIVES:

- To enable the students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

UNIT I HUMAN VALUES

10

Morals, values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others – Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time – Cooperation – Commitment – Empathy – Self confidence – Character – Spirituality – Introduction to Yoga and meditation for professional excellence and stress management.

UNIT II ENGINEERING ETHICS

9

Senses of 'Engineering Ethics' – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Kohlberg's theory – Gilligan's theory – Consensus and Controversy – Models of professional roles - Theories about right action – Self-interest – Customs and Religion – Uses of Ethical Theories.

UNIT III ENGINEERING AS SOCIAL EXPERIMENTATION

9

Engineering as Experimentation – Engineers as responsible Experimenters – Codes of Ethics – A Balanced Outlook on Law.

UNIT IV SAFETY, RESPONSIBILITIES AND RIGHTS

9

Safety and Risk – Assessment of Safety and Risk – Risk Benefit Analysis and Reducing Risk Respect for Authority – Collective Bargaining – Confidentiality – Conflicts of Interest – Occupational Crime – Professional Rights – Employee Rights – Intellectual Property Rights (IPR) – Discrimination.

UNIT V GLOBAL ISSUES

8

Multinational Corporations – Environmental Ethics – Computer Ethics – Weapons Development – Engineers as Managers – Consulting Engineers – Engineers as Expert Witnesses and Advisors – Moral Leadership – Code of Conduct – Corporate Social Responsibility.

TOTAL: 45 PERIODS

OUTCOMES:

- Upon completion of the course, the student should be able to apply ethics in society, discuss the ethical issues related to engineering and realize the responsibilities and rights in the society.

TEXT BOOKS:

1. Mike W. Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw Hill, New Delhi, 2003.
2. Govindarajan M, Natarajan S, Senthil Kumar V. S, "Engineering Ethics", Prentice Hall of India, New Delhi, 2004.

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M. SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



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A. J. COLLEGE OF ENGINEERING
SIRUSERI IT PARK, OMR, CHENNAI 603 103



REPORT ON

Two Days Workshop
“Intellectual Property Rights”

Mode: Online **Date:** 02.06.2020 & 03.06.2020
Time: 11.00 AM – 1:00PM

Organized by

Mohamed Sathak A J College of Engineering
Internal Quality Assurance Cell (IQAC)
&
Tamilnadu State Council for Science and Technology
(TNSCST) & DST





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MOHAMED SATHAK A J COLLEGE OF ENGINEERING
and
Tamilnadu State Council for Science and Technology (TNSCST) & DST
Jointly organized

Two Days Workshop on “Intellectual Property Rights”

Mode: Online

Date: 02.06.2020 & 03.06.2020

Time: 11.00 AM – 1:00PM

Chief Patron : Mr.Mohamed Sathak, Director

Patron : Dr.K.S.Srinivasan, Principal

Conveners : Dr.B.Sridhar, IQAC Coordinator

Dr.R.Senthil Kumar,HOD/Mech

Coordinators : Mr.G.Ramesh, Asso. Prof., Mech

: Mr.P.Saravanan, Asst.Prof., Mech

Guest of Honor : Dr.R.Srinivasan, Member Secretary, TNSCST, Chennai

Resource Person 1 : Mr.A.Raja, Asst. Controller of Patents and Design, Patent Office Chennai

Resource Person 2 : Dr.R.Bhanumathi, Asst. Controller of Patents and Design, Patent Office Chennai

Principal
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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
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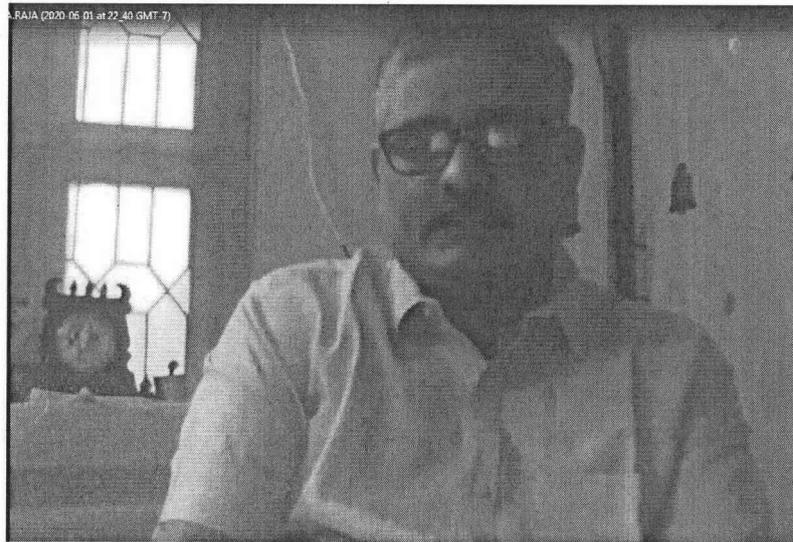
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Report on two days workshop on “Intellectual Property Rights”

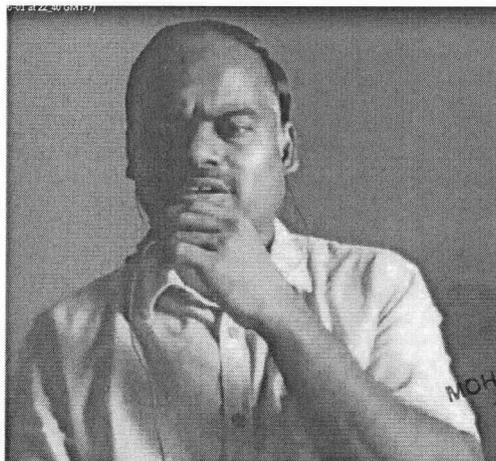
Active participants strength during the session: 120 (Both External & Internal (MSAJCE))

It is our privilege to organize a two days workshop on “Intellectual Property Rights (IPR)” jointly with Tamilnadu State Council for Science and Technology (TNSCST), Chennai & DST. The flier was circulated through various social media to the Academicians, Researchers, Industry and Students from 29.05.2020 onwards. Totally 137 external registration have been received (ie other than MSAJCE). During the session, an average of 160 participants actively participated.



Welcome Address by Dr.B.Sridhar., ME, Ph.D, IQAC Coordinator, MSAJCE

The workshop started with 150 participants from different domain on 02.06.2020 at 11.00 am with welcome address and introduction of chief guest by Dr.B.Sridhar, IQAC coordinator (MSAJCE).



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Chennai-603 103.

Addressing the participants by Mr.A.Raja, Asst. Controller of Patents and Design, Patent Office Chennai



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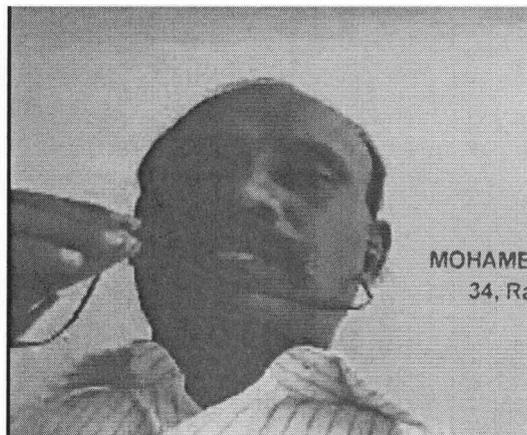
The first day 02.06.2020 (Tuesday) session was handled by the guest speaker Mr. A.RAJA, Asst. Controller of Patents and Design, Patent Office Chennai. The speaker elaborated in detail about, what is patent and copy right, and differentiated the same with suitable examples to make the participants understand clearly. During the session he explained various formats and forms used in the process of patent and copyright registration. He also explained the procedures and fees details for patent filing. In the discussion time with the participants, he answered all the questions patiently up to the participants' satisfaction.

Also, during the discussion session, Dr.R.Srinivasan, Member secretary, TNSCST, Chennai, shared his views in clarifying the doubts of the participants related to patent filing of student project and on international patents.



Addressing the participants by Dr.R.Bhanumathi, Asst. Controller of Patents and Design, Patent Office Chennai

The second day 03.06.2020 (Wednesday) session was handled by the guest speaker Dr.R.Bhanumathi, Asst. Controller of Patents and Design, Chennai. She explained in detail about the basic design and how the design has to be prepared for the approval. She also explained the procedure and fees details related to the design filing. During the discussion session, she meticulously elaborated in detail for the participants' questions.



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34, Rajiv Gandhi Road (OMR), Siruseri :
Chennai-603 103.

Vote of Thanks by Dr.R.Senthilkumar, ME, Ph D, HoD/Mechanical, MSAJCE



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Dr.R.Senthilkumar, HoD/Mechanical proposed the vote of thanks to the chief guest, guest of honor, participants and organizers.

On behalf of MSAJCE management, Principal, IQAC (MSAJCE) and Department of Mechanical engineering, we record herewith our sincere and special thanks to TNSCST for giving this opportunity to conduct this event successfully.

Participant feedback:

Rakesh.G : Good Presentation

Dharma A: GOOD PRESENTATION SIR,TQ SIR

Asst.Prof, Civil Vel Tech, Chennai: Excellent Presentation Sir

Rajesh Nithyanandam: Thank you for the informative presentation sir.

Vimal Sudhan: Thank you for informative presentation sir

M Maghimaa: very informative session. Congratulations to the organizer and Thanks to TNSCST

Kali Raja T: Thanks. A great session.

Liya Therese: Ok sir..thnq for d information. **Jayaprakash**

Jayachandran:Excellent Session

Dr. Lakshma reddy bhavanam: T hank you madam

Tamilmani A: Thank you mam, s nice and informative presentation mam

David Amalraj: Nice presentation mam

Minaxisundar B: Thank you ma. Good session. Thank you Dr. Bhanumathy, all organizers of this session


IQAC Member
Mr.G.Ramesh


IQAC coordinator
Dr.B.Sridhar


HoD/Mechanical
Dr.R.Senthilkumar


Principal
Dr.K.S.Srinivasan


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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR) Siruseri
Chennai-603 103.



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(Approved by All India Council for Technical Education,
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Siruseri IT Park, Egattur, Chennai - 603 103.

Ph: 27470021, 23, 24 & 25 Fax: 27470022

BLOOD DONATION CAMP

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Sponsored by Mohamed Sathak Trust
ISO: 9001:2008 CERTIFIED INSTITUTION
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Ref.No: MSAJCE/PO-31/2019-20

Date: 28.08.2019

CIRCULAR

It is hereby informed to all the staff and students that, Rotaract Club of MSAJCE is organizing a Blood Donation Camp on 29.08.2019 AN. (2.00PM – 3.30PM). Interested students to donate the blood can register the names to Dr.A.Balakrishnan (Coordinator / Rotaract Club) on or before 29.08.2019, 12.30PM.


28/08/19
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Copy to:

- The Director
- Academic Co-ordinator
- Admin Officer
- All HOD & Staffs
- Office file

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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



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EVENT REPORT

The NSS unit of the Mohamed Sathak A J college of Engineering conducted a blood donation camp on 29th August 2019 in our college physics lab second floor. As per the requisition of the Right Hospitals Blood Bank, our college principal given the approval to conduct this blood camp on this date. Then the Hospital team visited our college and they have taken around 120 units of blood our college students.

The following factors has been screened those who are came for donate the blood that was aged above 18, hemoglobin eligibility, three months completion in their previous blood donation, shouldn't affected from jaundice and we suggested the students to get the prior permission from their parents to donate the blood. They provided the cool drinks and snacks to the donors.

The program was organized by Dr. Balakrishnan, NSS coordinator / HOD-S&H. all the necessary arrangements were mady by the NSS volunteers.


NSS PO

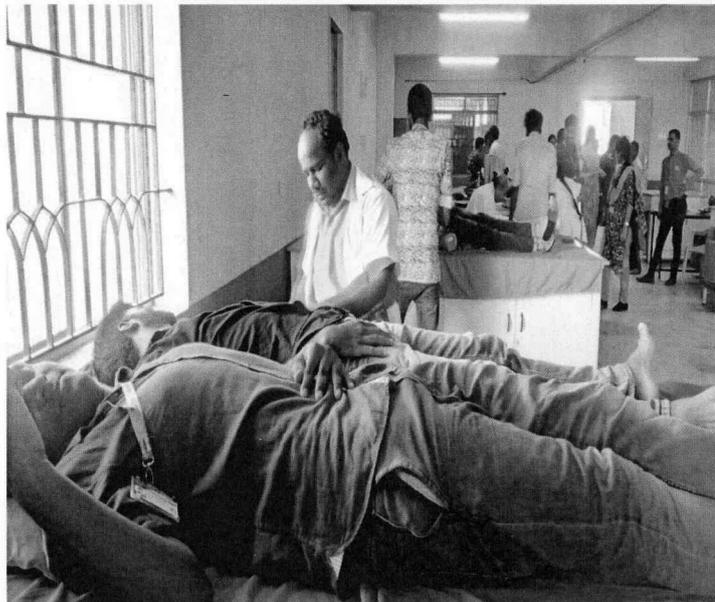
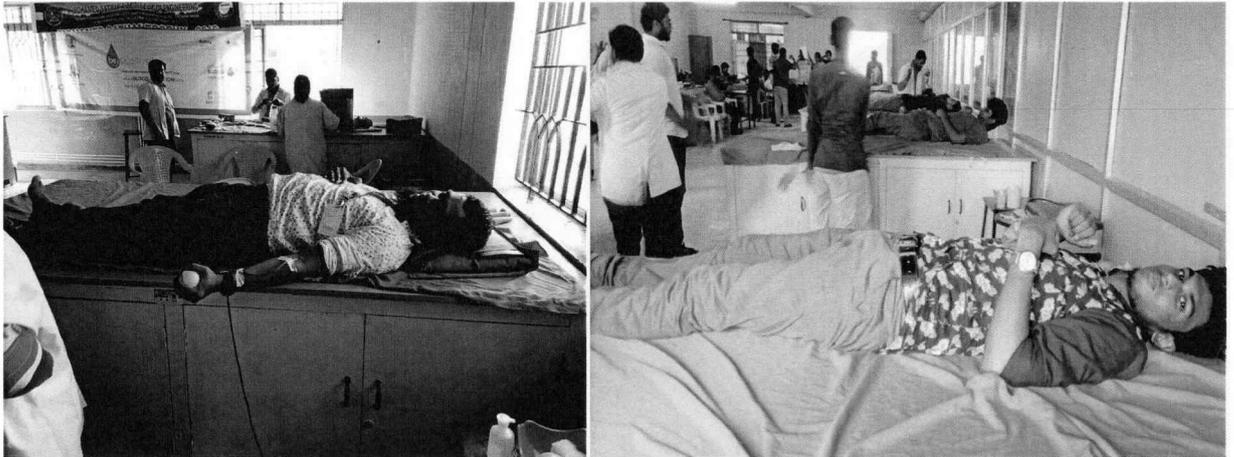

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MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



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Park, Egattur, Chennai - 603 103.

Ph: 27470021, 23, 24 & 25 Fax: 27470022



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NSS PO

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MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
Jc. Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.



MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)

Siruseri IT Park, Egattur, Chennai - 603 103.

Ph: 27470021, 23, 24 & 25 Fax: 27470022

LIST OF THE STUDENTS PARTICIPATED

SL.NO	NAME	DEPARTMENT	YEAR
1	ADIL M	MECH	I
2	AJAI KUMAR M	MECH	I
3	AQIB AHAMED A	MECH	I
4	ASIF J	MECH	I
5	BHAVISH PRAVEEN KAYYA	MECH	I
6	DINESH BALAJI D	MECH	I
7	ANAS ABDUL RAHMAN T	CIVIL	I
8	KHALID A	CIVIL	I
9	MAHAMOOD NAINA M H	CIVIL	I
10	MOHAMED ABDULLA K	CIVIL	I
11	MOHAMED NASEEMUL ASRAR.H	CIVIL	I
12	MOHAMED VAZEER S	ECE	I
13	MOHAMED NAJUMUDEEN	ECE	I
14	YUGARAJ R K	ECE	I
15	MOHAMED HISHAAM	ECE	I
16	MOHAMED REFAI L	ECE	I
17	PEER MOHAMED S	ECE	I
18	ABDUL RAHUMAN S	IT	I
19	AKTHEER ILYAS A	IT	I
20	FARVEJ MOHAMED M	IT	I
21	Abdul Basit	MECH	II
22	Abdul Mukshith A	MECH	II
23	Abdul Rahim A K	MECH	II
24	Abdul Rahuman A	MECH	II
25	Abdul Wahab A	MECH	II
26	Abdur Rahman S	MECH	II
27	Afrose Basha	MECH	II
28	Ijaz Ahamed.M	EEE	II
29	Mohamed Amrith.U	EEE	II
30	Mohamed Aslan J	EEE	II
31	Mohamed Azarudeen M	EEE	II
32	Mohamed Nihath	EEE	II
33	Sheik Imthiyas S	EEE	II
34	Hameed Ziyath U.R	ECE	II
35	Karan.J	ECE	II
36	Mohamed Abdul Rahman.M	ECE	II
37	Mohamed Shafiq Sharriff.G	ECE	II
38	Muhammed Swalih.K	ECE	II
39	Munavvar Hussain T	ECE	II
40	AMSHA AFRIDEEN .A	CIVIL	II

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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
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Siruseri IT Park, Egattur, Chennai - 603 103.
Ph: 27470021, 23, 24 & 25 Fax: 27470022

41	ANTONY DARSHAN A	CIVIL	II
42	ARUN.M	CIVIL	II
43	ASIF ALI .J	CIVIL	II
44	FAREED AHAMED .S	CIVIL	II
45	IJAS AHAMED P.M.	CIVIL	II
46	Abdul Rahuman A	MECH	III
47	Abinash V	MECH	III
48	Abuthahir N	MECH	III
49	Afroze Sherif S	MECH	III
50	Ahmed Thaheer A	MECH	III
51	Mohamed Mushraf A	EEE	III
52	Mohamed Riyaz	EEE	III
53	Mohamed Junaid A	EEE	III
54	Sabeer Ahmed S	EEE	III
55	Safrana A	EEE	III
56	Soundariyan Rc	EEE	III
57	Syed Asif S	EEE	III
58	Mohamed Bhasarath M	EEE	III
59	Badhurun Farhanas	ECE	III
60	Chandrakala Yadav	ECE	III
61	Aabith Hussain J	MECH	IV
62	Abdul Raziq A	MECH	IV
63	Abishanth A	MECH	IV
64	M. Abdul Abul Hasan	EEE	IV
65	A.R. Abdul Saleem	EEE	IV
66	Amira Thasneem K.M	ECE	IV
67	Ashwin. P	ECE	IV
68	Avinash. R	ECE	IV

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Chennai-603 103.

Session on Professional Ethics:

Dr. S.Raja Rasalnath, Director of Way Head Technologies Pvt Ltd deliver a speech to MSAJCE students on Professional Ethics.



Session on Professional Ethics

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Awareness Programs on Code of Conduct



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Awareness Program on Code of Conduct

Head Student affairs Address the Students about the code of conduct of the college and anna university Rules and Regulations on 03.01.2020.



Awareness Program on 03.01.2020

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Gandhi Road (OMR), Siruseri, IT Park
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