



KPR Institute of Engineering
and Technology
(Autonomous)
Avinashi Road, Arasur, Coimbatore - 641 407



INDIAN WELDING SOCIETY (IWS)

ANNUAL REPORT
ACADEMIC YEAR 2021-22

Indian Welding Society

2021 - 2022

VISION

To be a leading global community linking industry, research and academicians for the advancement of welding Science and Material joining.

MISSION

To advance welding and joining through a worldwide network

Long term Goal

- ✚ To promote education, training and qualification in welding in India in parallel with international standards that are globally recognized and accepted.
- ✚ Foster R&D in welding.
- ✚ Promote health & safety in welding.

Short term Goal

- ✚ To facilitate exchange of ideas, information, development work etc. amongst members; by organizing lectures, workshops, seminars, symposia, conferences and development programs; publish periodicals, books, journals, and magazines; and develop software and educational programs, video films and training packages relating to the objectives of the Society.
- ✚ To provide Training and education of rural youth in welding and help them to settle for a quality life.
- ✚ To promote professional exchange of information, experience and advanced training within and among various countries across the globe.
- ✚ To offer flexible class room/distance learning programs in various aspects of welding & related technology that suit to requirements of various levels.

IWS MEMBERS 2021-22**FACULTY MEMBERS:**

S. No.	Name of the Faculty Member	Designation	Department
1	Dr. B.Arulmurugan	ASP	MECH

STUDENT MEMBERS:

S.No	Full Name	Dept	Year	Section
1	Aahash S	ME	II	A
2	Abhinesh S	ME	II	A
3	Arulkumar M	ME	II	A
4	Arun C.D	ME	II	A
5	Arun Prasath K	ME	II	A
6	Asharath A	ME	II	A
7	Athavan P.K	ME	II	A
8	Bavan Rakesh S	ME	II	A
9	Brijith Judes S	ME	II	A
10	Chandranath N.M	ME	II	A
11	Deepak S	ME	II	A
12	Deepak S.R	ME	II	A
13	Dhanushh M.S	ME	II	A
14	Dharani Dharan C	ME	II	A
15	Dharani S	ME	II	A
16	Dhivya Sankar K	ME	II	A

17	Dinesh A	ME	II	A
18	Dinesh Kumar P	ME	II	A
19	Goutham P.D	ME	II	A
20	Idhayaraja S	ME	II	A
21	Jayanth S	ME	II	A
22	Kabilan M	ME	II	A
23	Kathiravan D	ME	II	A
24	Kavin Kishore K	ME	II	A
25	Kavin M	ME	II	B
26	Kaviya P	ME	II	B
27	Krishna Kumar G	ME	II	B
28	Logeshwaran S	ME	II	B
29	Madhan S.P	ME	II	B
30	Madhumithra C	ME	II	B
31	Manoj VK	ME	II	B
32	Mathan Prasath S	ME	II	B
33	Mugilan PST	ME	II	B
34	Narendransriramoo	ME	II	B
35	Nithish P	ME	II	B
36	Premkumar N	ME	II	B
37	Ragul S	ME	II	B
38	Sabaree R	ME	II	B
39	Sabaridharan B	ME	II	B
40	Sam Sundar K	ME	II	B

41	Sanjai M	ME	II	B
42	Santhosh Kumar S	ME	II	B
43	Sathees Kumar B	ME	II	B
44	Sathiya Seelan M	ME	II	B
45	Selvakumar T	ME	II	B
46	Senthil L	ME	II	B
47	Sivaganesh K	ME	II	B
48	Sivanantham S	ME	II	B
49	Sudharsanan D	ME	II	B
50	Vasanth Kumar J	ME	II	B
51	Veeraraghavan V	ME	II	B
52	Vijai Arawindan SP	ME	II	B
53	Vinothkumar M	ME	II	B
54	Vishnu PG	ME	II	B
55	Vivekanandh SR	ME	II	B
56	Aashik M	ME	III	A
57	Aatish R K	ME	III	A
58	Akash M K	ME	III	A
59	Aravindh S R	ME	III	A
60	Aravinth Pranav R	ME	III	A
61	Aswin sriram J	ME	III	A
62	Balanarayanan T	ME	III	A
63	Bharathwaj P	ME	III	A
64	Boovasanth S P	ME	III	A

65	Dilipan N	ME	III	A
66	Divyasaran S	ME	III	A
67	Ebinazer A	ME	III	A
68	Gokilavarshini K	ME	III	A
69	Gokul M	ME	III	A
70	Gowtham M	ME	III	A
71	Hari prasad S	ME	III	A
72	Harini S V	ME	III	A
73	Harish S	ME	III	A
74	Infant Tony Brain G	ME	III	A
75	Jeevan prasanth S	ME	III	A
76	Kannan A	ME	III	A
77	Karthigeyan S	ME	III	A
78	Keerthan G S	ME	III	A
79	Kingslin T.J	ME	III	B
80	Kirubakaran S	ME	III	B
81	Kishore Kumar K S	ME	III	B
82	Nivetha R S	ME	III	B
83	Praveen S	ME	III	B
84	Pravesh Ahamed R	ME	III	B
85	Rahul S	ME	III	B
86	Ramvignesh B	ME	III	B
87	Sanjeev M S	ME	III	B
88	Seethapathi L	ME	III	B

89	Sridhar Sakthivel S	ME	III	B
90	Sujith S	ME	III	B
91	Thamarai Selvan S	ME	III	B
92	Varadharaj K	ME	III	B
93	Abilash D	ME	IV	A
94	Abinav S	ME	IV	A
95	Akash S	ME	IV	A
96	Akshy S	ME	IV	A
97	Arunkumar A	ME	IV	A
98	Ashwin S	ME	IV	A
99	Atharsh kumaar A.S	ME	IV	A
100	Balachander B	ME	IV	A
101	Bajaji S.V	ME	IV	A
102	Balavignesh V	ME	IV	A
103	Bharathwaj S	ME	IV	A
104	Bujala Venkata Krishna Reddy	ME	IV	A
105	Chandru G	ME	IV	A
106	Chiranjeevi K	ME	IV	A
107	Dhamotharan P	ME	IV	A
108	Dhanoop V.U	ME	IV	A
109	Dharmarajan M.S	ME	IV	A
110	Gajendran G	ME	IV	A
111	Ganesh Kumar M	ME	IV	A
112	Gobinath T	ME	IV	A

113	Gokulnathan B	ME	IV	A
114	Kadaiyeeswaran B	ME	IV	A
115	Naveen R	ME	IV	B
116	Palpandi K	ME	IV	B
117	Rahul A.J	ME	IV	C
118	Rajesh T	ME	IV	C
119	Sabarishankar P	ME	IV	C
120	Santhosh S	ME	IV	C
121	Shalini M	ME	IV	C
122	Srinivas M	ME	IV	C
123	Sriram K	ME	IV	C
124	Subash M	ME	IV	C
125	Subhasri E	ME	IV	C
126	Subhash P.M	ME	IV	C
127	Sudeep R	ME	IV	C
128	Suhandhan B	ME	IV	C
129	Tamilarasan A	ME	IV	C
130	Thambi durai J	ME	IV	C
131	Thilageshwar S	ME	IV	C
132	Varuna S	ME	IV	C
133	Vignesh Kumar P.B	ME	IV	C
134	Vijey Mohan R.C	ME	IV	C

LIST OF EVENTS CONDUCTED FOR THE ACY 2020-21:

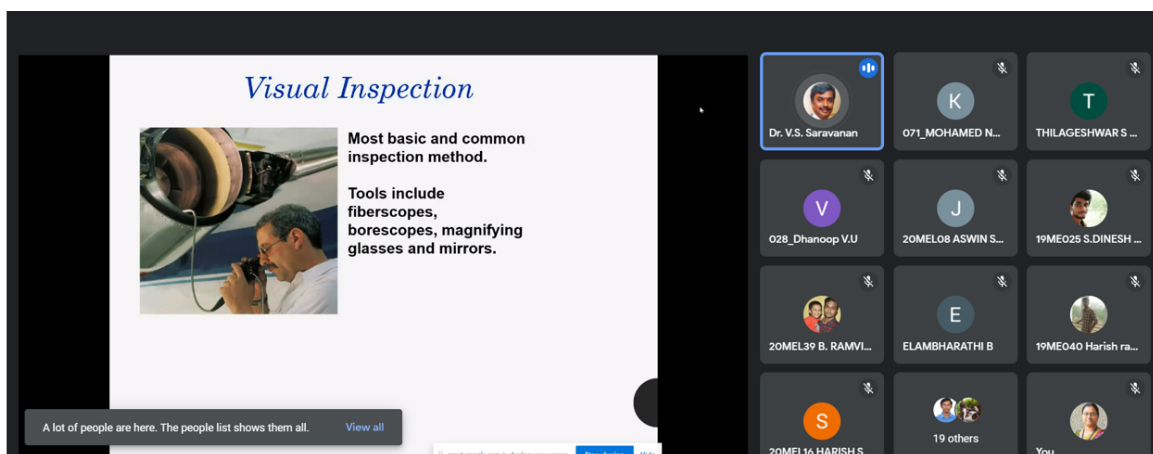
Event No.	Date	Type of Event	Title of the Event
1	31.7.2021	Webinar	Applications in Non-Destructive testing and Evaluation
2	27.11.2021	Webinar	Investor Awareness Program
3	5.3.2022	Workshop	One day National level workshop on Advances in Welding and Wire Arc Additive Manufacturing
4	5.3.2022	MoU	MoU Signing with IWS

Event No.	: 1
Date	: 31.07.2021
Venue	: KPRIET
Level of the Event	: National
Type of Event	: Webinar
Title of the Event	: Applications in Non-Destructive testing and Evaluation
In Association with	: IWS
Resource Person 1	: Dr.V S Saravanan , Vice President, Indoshell cast private limited, Coimbatore.
Resource Person 2	: -
Convener	: Dr.S.Ramesh Babu
Co-conveners	: Mrs.V.Bhuvaneswari & Dr.B.Arulmurugan
	: Faculty : 6
No. of External Participant (Count)	Research Scholars : -
	Students : 31
	Others : Nil

Outcome :

Department of Mechanical Engineering in association with Indian Welding Society organized a webinar on the topic entitled “Applications in Non-Destructive testing and

Evaluation" through Google Meet by Dr.V.S.Saravanan, Junior Vice President, INDO Shell Cast PVT LTD, Coimbatore on 31.07.2021 from 2.00 PM to 3.00PM. Around 31 aspirants had attended the session. The speaker explained the significance of various Non-destructive testing methods associated with several applications. Further, he interacted with the participants and clarified the doubts raised. The session was vibrant, interactive and very much helpful to the participants.



Indian Welding Society (IWS) organizes

Applications on Non-Destructive Testing and Evaluation

Webinar

Date Saturday, July 31 2021	Time 02:00 PM to 03:00 PM	Speaker Dr. VS Saravanan Jr. Vice President Indoshell Cast Private Limited, Coimbatore
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**KPR Institute of
Engineering and
Technology**
Learn Beyond
(Autonomous, NAAC "A")

Convenor:
 Mrs. V. Bhuvaneswari, AP (Sr. G)
 bhuvaneswari.v@kpriet.ac.in

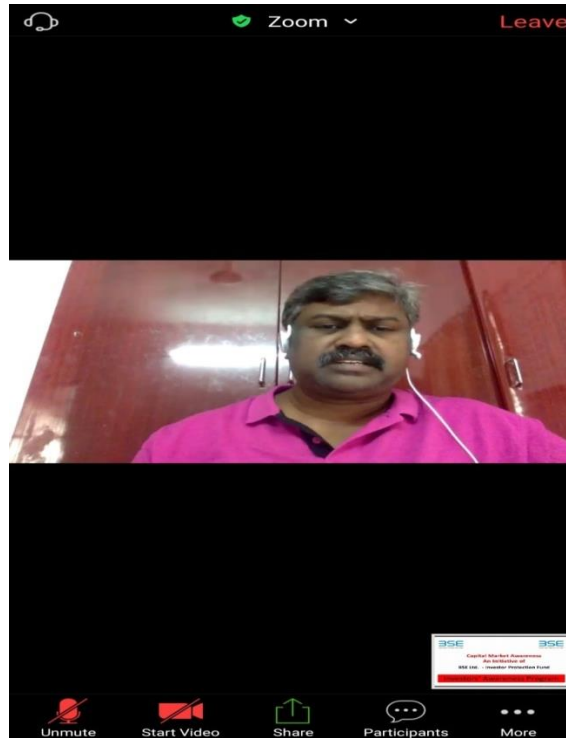

kpriet.ac.in
Supporting the Sustainable Development Goals


Event No.	:	2
Date	:	27.11.2021
Venue	:	meet.google.com/aof-pxiv-fox
Level of the Event	:	National
Type of Event	:	Webinar
Title of the Event	:	Investor Awareness Program
In Association with	:	Mechanical Engineering, KPRIET
Resource Person 1	:	Mr. C.K. Arivazhagan, MSME Member, Bosch Employability Skills Training Programme
Resource Person 2	:	-
Convener	:	Dr.S.Ramesh Babu
Co-conveners	:	Mr.B.K.Saravanan & Dr.B.Arulmurugan
	:	Faculty : 04
No. of External		Research Scholars :
Participant (Count)		Students : 121
		Others : Nil

Outcome :

Department of Mechanical engineering in association with Indian Welding Society (IWS) student forum organized an expert lecture on “Investor Awareness Program” on 27.11.2021. Mr. C.K. Arivazhagan, MSME member & Bosch Employability Skills Training Programme, has delivered a wonderful lecture during the session for First year Mechanical engineering program. In the beginning of the session he explained the basics of capital market. He explained that how the successful people are managing their money and plan their goals in useful. He gives more insight about money management and how to control expenses.

Google Meet Link : meet.google.com/aof-pxiv-fox





Department of
Mechanical
Engineering



KPR Institute of
Engineering and
Technology
Learn Beyond (Autonomous, NAAC "A")

INVESTOR AWARENESS PROGRAM

Seminar organized by
KPRIET - IWS Student Chapter
For I Year Mech Students



27 Nov 2021
2.30 pm to 4.00 pm

Link: <http://meet.google.com/aof-pxiv-fox>

Resource Person:
Er.C.K.Arivazhagan,
Empaneled Trainer to BSE
Xceleratingminds

Coordinators:
Dr. B. Arulmurugan, ASP
Mr. B. K. Saravanan, AP (Sr.G)
Department of Mechanical Engineering

Event No.	: 3
Date	: 05.03.2022
Venue	: Thanam Hall
Level of the Event	: National
Type of Event	: Workshop
Title of the Event	: One day National level workshop on Advances in Welding and Wire Arc Additive Manufacturing
In Association with	: Indian Welding Society
Resource Person 1	: Dr.N.Raju, Hon.Zonal Secretary-IWS, Additional general manager (Retd), Welding Research Institute, Bharat Heavy Electrical Limited, Triuchirappalli-620014.
Resource Person 2	: Dr.B.Shanmugarajan, Dy.general manager, Welding Research Institute, Bharat Heavy Electrical Limited, Triuchirappalli-620014.
Resource Person 3	: Dr.N.Murugan, Professor, Dep. of Robotics and Automation Engineering, PSG College of Technology, Coimbatore-641004.
Convener	: Dr.S.Ramesh Babu
Co-conveners	: Dr.B.Arulmurugan & Dr.S.Dharani kumar
No. of External Participant (Count)	: Faculty : 07
	: Research Scholars : -
	: Students : 135
	: Others : Nil

Outcome

A one-day National level workshop on Advances in welding and Wire arc additive manufacturing is organized by Department of Mechanical Engineering jointly with Indian Welding Society on 5th March 2022. The main objective of the workshop is to enlighten the advances in different welding processes and also provide fundamental knowledge about wire arc additive manufacturing process. The Registration process begins at 8.45 am and 147 participants present for this workshop, which include 42 external participants. The workshop was inaugurated by Dr.S.Ramesh Babu, Head of the Department Mechanical Engineering, KPR Institute of Engineering and Technology.

The technical sessions started at 9.45 a.m. and three technical lectures were delivered by eminent experts in the field of welding. Dr.N.Raju Hon. Zonal Secretary-IWS, Welding Research Institute, BHEL, Tiruchirapalli, presented the fundamentals of various welding processes, as well as their variants and applications in reality. He excellently contrasted the differences between welding processes.

The second session began at 11 a.m., following the tea break. Dr.B.Shanmugarajan, Deputy General Manager, Welding Research Institute, BHEL, Tiruchirapalli discussed need for advanced welding processes such as electron beam welding and laser welding. He also went over the fundamentals of the wire arc additive manufacturing process.

Third session started after lunch break at 2.00 pm. Dr.N.Murugan, Professor, Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore, gave a lecture on the research perspective of wire arc additive manufacturing. He discussed the impact of process parameters and defects created during wire arc additive manufacturing. He also described the metallurgical changes that took place during the process. This workshop was very informative for all participants.

Photographs of the event:



Session I- Delivered by Dr.N.Raju, Hon. Zonal Secretary-IWS



Session II- Delivered by Dr.B.Shanmugarajan, Deputy General Manager, Welding Research Institute, BHEL,



Session III- Delivered by Dr.N.Murugan, Professor, Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore

Event No.	:	4
Date	:	05.03.2022
Venue	:	Marigold
Level of the Event	:	National
Type of Event	:	MoU
Title of the Event	:	MoU Signing with Indian Welding Society
In Association with	:	Indian Welding Society
Resource Person 1	:	Dr.N.Raju, Hon.Zonal Secretary-IWS, Additional general manager (Retd), Welding Research Institute, Bharat Heavy Electrical Limited, Triuchirappalli-620014.
Convener	:	Dr.S.Ramesh Babu
Co-conveners	:	Dr.B.Arulmurugan
	:	Faculty : 10
No. of External	Research Scholars	: -
Participant (Count)	Students	: 10
	Others	: Nil

Outcome

This Memorandum of Understanding (MOU) made entered on this day 5th March Two Thousand and Twenty Two (2022) between KPR Institute of Engineering and Technology an Educational Institution, and INDIAN WELDING SOCIETY,(IWS), Trichy. Dr.Ramesh Bobu, HoD/MECH, welcome the expert members from IWS. Dr.M.Akila, Principal, discuss about the salient features of the MoU with the external delegates from IWS.

The MOU details the terms and conditions, financial arrangements, modalities of collaborations, responsibilities and obligations of KPRIET and IWS pertaining to conducting Credit courses by IWS as part of the curriculum as value added courses Coimbatore premises of KPRIET.

IWS and KPRIET will offer the following three credit courses as value added courses of KPRIET for UG students in Mechanical Engineering. In addition to the above, KPRIET and

IWS also agree to work on the following areas for enhancing the skills and knowledge of the students and faculty of KPRIET

- Guest Lectures / Webinars
- Support for Workshop/Conference
- Certification courses
- Support for Industrial Visits
- Support for Internship/In-plant Training
- Assistance for Project Works
- Expert support for Industrial Defined problem/ New product development
- Support for Research & Development
- Support for Placement

Both external and internal authorities sign in the MoU documents. Dr.B.Arulmurugan, ASP/MECH gave vote of thanks.



