

Intellectual Property Rights Activity- Awareness on Intellectual Property Rights



Dr. Antony Louis Piriya Kumar

To increase the number of patents for TCE, each department is supposed to identify technologies/fields/areas on which the IPRs need to be generated. Regarding this, Department of ECE and IPR Cell of our college jointly organized an awareness programme on Intellectual Property Rights on 21-1-2021 through online. The expert member, **Dr. Antony Louis Piriya Kumar, Agape Piriya Kumar AI Solutions, Bangalore** (Distinguished Visiting Professor, **AICTE-INAE Distinguished Visiting Professorship Scheme**) covered, Fundamentals of patents, Patent search and Patent landscaping. The faculty coordinators of this programme are Dr.B.Sathya Bama, Dr.B.Yoga Meena, Dr.R.A.Alaguraja. More than 90 faculty members and research scholars attended and benefited from this programme.



THIAGARAJAR COLLEGE OF ENGINEERING
(A Govt. Aided Autonomous Institution Affiliated to Anna University)
MADURAI 625 015

TCE/IPR CELL/ECE/2021/03

Date: 19-1-2021

CIRCULAR

To increase the number of patents for TCE, each department is supposed to identify technologies/fields/areas on which the IPRs need to be generated. Regarding this, Department of ECE and IPR Cell of our college have jointly arranged an awareness programme on Intellectual Property Rights-An overview on Patents by Dr.Antony Louis Piriya Kumar. Agape Piriya Kumar AI Solutions, Bangalore (Distinguished Visiting Professor, AICTE-INAE Distinguished Visiting Professorship Scheme) We request the faculty members, Research Scholars and second year M.E students of all departments to attend the programme.

Date : 21-01-2021

Topics and Timings:

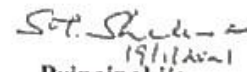
Fundamentals of patents	Faculty Members of All departments	9.30-10.30
Patent search	Faculty Members	11.30-1.00
Patent landscaping	Faculty Members	2.30- 4.00

Platform: Webex

Co-ordinators: Dr.B.Sathya Bama, Dr.B.Yoga Meena, Dr.R.A.Alaguraja


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Principal /c

AICTE-JNAE Distinguished Visiting Professorship Scheme (Ref:JNAE/201/DVP)
 2020-21 Visit I
January 2021

Expert : Dr. Antony Louls Piriya Kumar
Co-ordinators: Dr.B.Sathya Bama, Dr.R.A.Alaguraju, Dr.B.Yoga Meena

Day	Date	Time	Mode-Online	Items	Attendees	Hours
Day 1						
1	20.1.2021	2.30-3.30	Google Meet	Python Programming	Faculty Members/Ph.D Scholars/M.E Students	1.00
2		3.45-5.15	Google Meet	Introduction to Data Structures	Faculty Members/Ph.D Scholars/M.E Students	1.30
Day 2						
3	21.1.2021	9.30-10.30	webex	Fundamentals of patents	Faculty Members of All departments	1.00
4		11.30-1.00		patent search	Faculty Members	1.30
5		2.30-4.00		patent landscape	Faculty Members	1.30
Day 3						
6	22.1.2021	10.00 -11.00	Google Meet	Deep Learning	Faculty Members/Ph.D Scholars/M.E Students	1.00
7		11.30 -1.00	Google Meet	Python programming	Faculty Members/Ph.D Scholars/M.E Students	1.30
8		2.30-4.30	Google Meet	Data structures	Faculty Members/Ph.D Scholars/M.E Students	2.00


 HDECE

D.V.
 N.V.

Part – II

(To be filled by HOD/Programme Coordinator)

1. Name of the Program Coordinator and Department
 Dr.B.Sathya Bama, Dr.R.A.Alaguraja,
 Dr.B.YogaMecna
 Department of Electronics and Communication Engineering
2. Dates of visit of Distinguished Visiting Professor
 20-1-21 to 22-1-21
3. Lectures Delivered

Date	Topic	Time at which lecture delivered		Audience (Specify UG/ PG/ Doctoral / open to all)	Number attended	Were the lectures delivered by the Visiting Professor directly relevant to the Academic programmes?
		From	To			
20.1.21	Introduction to Data Structures	2.30	3.30	Faculty Members/Ph.D Scholars/M.E Students	24	Yes
	Introduction to Data Structures	3.45	5.15			
21.1.21	Fundamentals of patents	9.30	10.30	Faculty Members/Ph.D Scholars/M.E Students of All departments	70	Yes
	patent search	11.30	1.00			
	patent landscape	2.30	4.00			
22.1.21	Deep Learning	10.00	11.00	Faculty Members/Ph.D Scholars/M.E Students	28	yes
	Deep Learning	11.30	1.00			
22.1.21	Python programming Part I	2.30	4.30	Faculty Members/Ph.D Scholars/M.E Students/B.E Students	24	Yes

- b) Were the lectures directly relevant to the Academic programmes ?
4. Projects guided by the Visiting Professor

- yes

- In this visit, we had a fruitful discussion with our DVP regarding an ongoing DST project "Pesticide residue estimation from fruits and vegetables".

Patent Ideas Discussed

Dr.Antony sir has given valuable suggestions on a patent Idea "Vegetable washer". He has formulated a step by step procedure to implement the patentable idea into a working model.

- b. Relevance of the project to the industry - Both the project and patent ideas are relevant to food processing industries
- c. How were the ideas of the projects/ thesis problem(s) conceived? - The proposed framework should be for Quality inspection of agro products and exploit state of the art machine learning and Computer vision techniques for nondestructive testing of fruits and vegetables. It should be proceeded with the following steps. Identification of system parameters, Finalization of Vegetables/Fruits to be inspected, A study on pesticides, Role of Air impurities like Ozone, Sulphur di oxide etc., Development of methodologies and Testing with market vegetables/fruits.
5. Curriculum - We have planned curriculum related discussions for next visit
Has the Visiting Professor participated in course development/ curriculum formulation? If so, please describe
6. Give a brief report on the impact of the Scheme and any other suggestions? In this visit, he gave a one day webinar on patents. It has paved a way to easily understand the process of IPR among the faculty members and research scholars. Especially, he gave an insight to patent search and patent landscaping that would enable faculty and scholars to innovate algorithms to the level of patents.
- We have started a lecture series on "Python programming and data structures" and Deep learning. Both topics are very important for research scholars, faculty members, UG and PG students to update their research.

Date:


Signature of HOD /Programme Coordinator and Seal

B. Sathya Bama
[B. SATHYA BAMA]

B. Yogameena
[B. YOGAMEENA]

R.A. Alaguraja
[R.A. ALAGURAJA]

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