

Intellectual Property Rights Activity- Patent Solution Report Discussion



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 had organized an awareness programme on “Patent Solution Report Discussion” on 12-3-2021 through online for IPR interested faculty, research scholars and students. The expert member of this programme was **Dr. Antony Louis Piriya Kumar, Agape Piriya Kumar AI Solutions, Bangalore** (Distinguished Visiting Professor, **AICTE-INAE Distinguished Visiting Professorship Scheme**). He is a registered Indian patent agent (IN/PA 3041), WIPO qualified in Patent search and patent drafting. He has Granted patents from USA, EU, RU, CN and IN. More than 20 of his patents have been published and still in progress. He explained the patent solution report in detail and clarified the doubts in the solution report. The faculty co-ordinators of this programme are Dr.B.Sathya Bama, Dr.B.Yoga Meena, Dr.R.A.Alaguraja. 25 participants have attended and benefited from this programme.

INDIAN NATIONAL ACADEMY OF ENGINEERING
AICTE-INAE Distinguished Visiting Professorship Scheme

VISIT-CUM-FEEDBACK REPORT

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.Yogameena
Department of Electronics and Communication Engineering
2. Dates of visit of Distinguished Visiting Professor
11-03-21 to 13-03-21
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			
11.3.2021	Curriculum Development- Course design - Deep learning for Computer Vision for U.G and P.G	10.00 AM	11.00 AM	IP SIG Faculty members	4	NA
	Data structures and Algorithms – Time Complexity of Algorithms	11.30 AM	1.00 PM	U.G students (III Year)	62	Yes
	Data structures and Algorithms - Time Complexity of Algorithms	2.15 PM	3.15 PM	U.G students (III Year)	62	Yes
	Image System Engineering - Optics	3.30 PM	04.30 PM	PG (Communication Systems) Students/PhD Scholars	19	Yes
12.3.2021	One credit course design discussion on AI	9.30 AM	11.00 AM	Faculty Members of IP SIG	4	NA
	Patent Solution Report Discussion	11.30 AM	1.00 PM	Faculty Members/UG/PG/PhD students	30	NA
	UG Project Review	2.15 PM	3.15 PM	Faculty Members/U.G students	30	NA
	Curriculum Development- Course design -	3.30 PM	04.30 PM	IP SIG Faculty members	4	NA

13.03.21	UG Project Review	10.00 AM	11.00 AM	Faculty Members/U.G students		NA
	Patent Solution Report Discussion	11.30 AM	1.00 PM	Faculty Members/Ph.D Scholars/M.E Students	25	NA
	UG Project Review	2.15 PM	3.15 PM	Faculty Members/U.G students	30	NA
	Curriculum Development- Course design – Deep learning for Computer Vision for U.G and P.G	3.30 PM	4.30 PM	IP SIG Faculty members	4	NA

- b) Were the lectures directly relevant to the Academic programmes? - Yes
4. **Projects guided by the Visiting Professor**
- Title(s) of the project(s)
 - Relevance of the project to the industry
 - How were the ideas of the projects/ thesis problem(s) conceived?
- Our DVP has reviewed UG Final year Projects in the area of Image processing and has given valuable suggestions for the fruitful completion of the projects with industry requirements.
5. **Curriculum**
Has the Visiting Professor participated in course development/ curriculum formulation? If so, please describe
- Yes. An elective course on "Deep Learning for Computer vision" has been designed for UG (All branch) students.
 - Also, a course on Advanced version of Deep learning for PG Programme.
 - He has audited the following courses' syllabus, practical experiments and mini projects.
 - Digital Image Processing
 - Applied Image Processing
 - A new Industry Supported one credit course on "Deep learning architecture" has been formulated by the Visiting professor along with the faculty members of TCE.
6. **Give a brief report on the impact of the Scheme and any other suggestions?**
- It is very much useful to impart the knowledge of an DVP amongst students and faculty especially in this pandemic period.
 - It is helpful to audit our courses with industry-requirement and encourage the students to do many interesting projects.

S.R.
29/3/21

Signature of HOD / Programme Coordinator and Seal

Dr. S. RAJARAM, M.E., Ph.D.
Professor and Head
Department of ECE
Thiagarajar College of Engineering
Madurai-625 015

Date: 29.03.21

PROGRAMME COORDINATORS

1. Dr. B. SATHYA BAMA - B. Sathyakama

2. Dr. R. A. ALAGURAJA - R. A. Alaguraja

**AICTE-INAE Distinguished Visiting Professorship Scheme (Ref INAE/201/DVP)
2020-21 Visit 2
March 2021**

Expert : Dr. Antony Louis Piriya Kumar
Co-ordinators: Dr.B.Sathya Bama, Dr.R.A.Alaguraja, Dr.B. YogaMeena

Day	Date	Time	Mode- Online	Items	Attendees	Hours
Day 1						
1	11.3.2021	10.00 - 11.00	Google Meet	Curriculum Development- Course design – Deep learning for Computer Vision for U,G and P.G	IP SIG Faculty members	1.00
2		11.30-1.00	Google Meet	UG Project Review	Faculty Members/U,G students	1.30
3		2.15-3.15	Google Meet	Data structures and Algorithms	Faculty Members/Ph.D Scholars/M.E Students/U.G students	1.00
4		3.30-04.30	Google Meet	Image System Engineering	Faculty Members/PG/PhD students	1.00
Day 2						
5	12.3.2021	9.30-11.00	Google Meet	One credit course design discussion – IP SIG	Faculty Members of IP SIG	1.00
6		11.30-1.00	Google Meet	Patent Solution Report Discussion	Faculty Members/UG/PG/PhD students	1.30
7		2.15-3.15	Google Meet	Data structures and Algorithms	Faculty Members/Ph.D Scholars/M.E Students/U.G students	1.00
8		3.30-04.30	Google Meet	Curriculum Development- Course design – Deep learning for Computer Vision for U.G and P.G	IP SIG Faculty members	1.00
Day 3						

9	13.3.2021	10.00 -11.00	Google Meet	UG Project Review	Faculty Members/U.G students	1.00
10		11.30 -1.00	Google Meet	Patent Solution Report Discussion	Faculty Members/Ph.D Scholars/M.E Students	1.30
11		2.15-3.15	Google Meet	Data structures and Algorithms	Faculty Members/Ph.D Scholars/M.E Students/U.G students	1.00
12		3.30-04.30	Google Meet	Curriculum Development- Course design – Deep learning for Computer Vision for U.G and P.G	IP SIG Faculty members	1.00

B. Sakthivel
B. Sogameera

Faculty In-charge


HDECE