

# **‘New India’ Internship Program**

**Pilot – December 10, 2018 – January 10, 2019**

**Socially Relevant Internships for Students**

**Theme: Technology and Rural Development**

**Indian Institute of Technology Madras**

**Chennai 600036**



# New India Internship (Pilot) Committee



सत्यमेव जयते



**Prof. Bhaskar  
Ramamurthi**

Director, IIT Madras



**Hon. Shri Arjun Ram  
Meghwal**

Minister of State for  
Finance, GoI



**Prof. Sivakumar**

Dean Students, IIT  
Madras



**Dr. P. Sudarsan**

Advisor, Student  
Legislative Council, IIT  
Madras

S.No	Place	No of Students	Members of Parliament
1	Baramati, Maharashtra	4	Ms. Supriya Sule
2	Kolhapur, Maharashtra	3	Mr. Dhananjay Mahadik
3	Nandurbar, Maharashtra	4	Dr. Heena Gavit
4	Bikaner, Rajasthan	2	Mr. Arjun Ram Meghwal
5	Cuttack, Odisha	2	Mr. Bhartruhari Mahtab
6	Chennai North, Tamil Nadu	2	Mr. T. G. Venkatesh Babu
7	Chidambaram, Tamil Nadu	2	Mr. M. Chandrakasi
8	Kallakurichi, Tamil Nadu	4	Dr. K. Kamaraj
9	Kanyakumari, Tamil Nadu	2	Mr. A Vijayakumar
10	Tiruppur, Tamil Nadu	3	Ms. V. Sathyabama
11	Salem, Tamil Nadu	Fac	Mr. V. Paneerselvam
12	Theni, Tamil Nadu	Fac	Mr. R. Parthipan
		28	
	Number of States covered	4	
	Members of Parliament	12	3 Maharashtra, 1 Rajasthan, 1 Odisha, and 7 Tamil Nadu
	New India Internship Students	28	

## IIT Madras New India Internship Students list

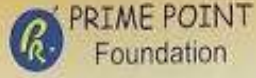
No	NAME	CONSTITUENCY - MP	No	NAME	CONSTITUENCY - MP
1	Indreeyajeet Singh	Mr. T. G. Venkatesh Babu- Chennai North, Tamil Nadu	15	Prasanna Abhigeri	Mr. Dhananjay Mahadik – Kolhapur, Maharashtra
2	Nilhal K	Mr. T. G. Venkatesh Babu- Chennai North, Tamil Nadu	16	Surya Pitta	Mr. Arjun Ram Meghwal – Bikaner, Rajasthan
3	Anand Vijay Sankar Guntuku	Mr. M. Chandrakasi - Chidambaram, Tamil Nadu	17	Shubham Singhal	Mr. Arjun Ram Meghwal – Bikaner, Rajasthan
4	M Shri Harikrishnan	Mr. M. Chandrakasi - Chidambaram, Tamil Nadu	18	Raushan Kumar	Mr. Bhartruhari Mahtab – Cuttack, Odisha
5	Pradeep Chouhan	Dr. Heena Gavit – Nandurbar, Maharashtra	19	Ambuj Jain	Mr. Bhartruhari Mahtab – Cuttack, Odisha
6	Ghoti Ankit Vijaysing	Dr. Heena Gavit – Nandurbar, Maharashtra	20	Dhananjay Nandkumar Katkar	Ms. Supriya Sule – Baramati, Maharashtra
7	Shilpi Rani	Dr. Heena Gavit – Nandurbar, Maharashtra	21	Sarath S M	Ms. Supriya Sule – Baramati, Maharashtra
8	Radheshyam Satish Ghadge	Dr. Heena Gavit – Nandurbar, Maharashtra	22	Gaurav Patil	Ms. Supriya Sule – Baramati, Maharashtra
9	Omkar Sunil Nath	Dr. K. Kamaraj -Kallakurichi, Tamil Nadu	23	Harshita Ojha	Ms. Supriya Sule – Baramati, Maharashtra
10	Venupriya Devarasetti	Dr. K. Kamaraj -Kallakurichi, Tamil Nadu	24	Feroz Baker	Ms. V. Sathyabama - Tiruppur, Tamil Nadu
11	Arunsandeep Chandradoss	Dr. K. Kamaraj -Kallakurichi, Tamil Nadu	25	Manisha Panghal	Ms. V. Sathyabama - Tiruppur, Tamil Nadu
12	Birendra Kumar	Dr. K. Kamaraj -Kallakurichi, Tamil Nadu	26	Chaithra A Navada	Ms. V. Sathyabama - Tiruppur, Tamil Nadu
13	Uma T.V.	Mr. Dhananjay Mahadik – Kolhapur, Maharashtra	27	Eswar Avinash J	Mr. A Vijayakumar -Kanyakumari, Tamil Nadu
14	Rajesh Yadav	Mr. Dhananjay Mahadik – Kolhapur, Maharashtra	28	Vishnu Nair	Mr. A Vijayakumar -Kanyakumari, Tamil Nadu

## New India Internship – Faculty Mentors and Advisory Committee

<b>Rural Development</b>		Prof. Devendra Jalihal, Electrical Engineering	<a href="mailto:dj@iitm.ac.in">dj@iitm.ac.in</a>
Dr. Ramu Palaniappan, Engineering Design	<a href="mailto:palramu@iitm.ac.in">palramu@iitm.ac.in</a>	<b>Education</b>	
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		Mr. Prime Point Srinivasan (Founder, Sansad Ratna)	<a href="mailto:prpoint@gmail.com">prpoint@gmail.com</a>
<b>Energy</b>		Mr. G. A. Prithvi (PS to Shri Arjun Ram Meghwal, MPA, Gol)	<a href="mailto:gaprithvi@gmail.com">gaprithvi@gmail.com</a>
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		Dr. K. Nagesh (IIITS)	<a href="mailto:nagesh.k@iiits.in">nagesh.k@iiits.in</a>
<b>Digital India</b>		Mr. V. Suresh, Founder & Chairman, Hywel Group, Chennai	<a href="mailto:ceohywel@gmail.com">ceohywel@gmail.com</a>

**Kallakurichi Team – Honourable Chief Minister of Tamil Nadu  
Edappadi Shri K. Palaniswami & Dr. K. Kamaraj**





Sansad Ratna® Awards Committee

# Sansad Ratna® Awards - 10<sup>th</sup> Edition

Chief Guest

Minister ANWARUL HAQUE KHAN  
Minister H. D. DESAI



**Bikaner Team, Rajasthan with Mr. Arjun Ram Meghwal**



**Baramati Team, Maharashtra**





# Tiruppur Team - Thamarai Karai

Rights Education and Development Centre  
Regional Resource Centre - (RRC)  
வட்டியு வள மையம்  
உயர்நீதிமன்ற வட்டியு மையம்  
தலைநகர்: திருப்பூர்  
தொலைபேசி: 04256-260207

Bank Business Outlet  
THAMARAIKARAI  
ANTHYUR  
3035  
04256 - 260207  
MATHEVAN K  
94426 07764

தற்குறி வள ஆதார சேவை மையம்  
(சுய உதவிக் குழுக்கள் & விவசாய சேவை மையம்)  
(Reg No.184/2008)  
தலைநகர்: திருப்பூர், திருப்பூர் வட்டம்  
தொலைபேசி: 04256-260207  
MYRADA - வெளாள் அறிவியல் நிலையம்



Kanyakumari Team, Tamil Nadu



Kolhapur Team, Maharashtra



Kanyakumari Team, Tamil Nadu



Kolhapur Team, Maharashtra



# Tiruppur Team with Ms. V. Sathyabama MP



நியூ இந்தியா இன்டர்ன்ஷிப் திட்டத்தின் கீழ் திருப்பூர் எம்.பி #சத்தியபாமா அவர்களின் வழிகாட்டுதலோடு திருப்பூர் பாராளுமன்ற தொகுதிக்குட்பட்ட பகுதிகளில் செ...



**Programme Schedule for New India Interns, Kallakurichi  
Constituency, Tamil Nadu**

**New India Mission  
IIT ,Chennai.**

<b>Constituency Name:Kallakurichi</b>				
<b>Sl.no</b>	<b>Selected Panchayat</b>	<b>Assembly Segment</b>	<b>Block</b>	<b>District</b>
1	Seerpananthal	Rishivandhiyam	Rishivandhiyam	Villupuram
2	Thirupalapandal	Rishivandhiyam	Thirukoilur	Villupuram
3	Arasampattu	Sankarapuram	Sankarapuram	Villupuram
4	Thandalai	Sankarapuram	Kallakurichi	Villupuram
5	Vilambar	Kallakurichi	Kallakurichi	Villupuram
6	Porasakurichi	Kallakurichi	Thiyagadurgam	Villupuram
7	Melnariyappanur	Kallakurichi	Chinnasalem	Villupuram
8	Ulipuram	Gangavalli	Gangavalli	Salem
9	Siruvachur	Gangavalli	Thalaivasal	Salem
10	AmmamPalayam	Attur	Attur	Salem
11	Thalavaipatti	Attur	Pethanaickenpalayam	Salem
12	Minnampalli	Yercaud	Ayothiyapattinam	Salem
13	Neermullikuttai	Yercaud	Vazhapadi	Salem

Serial no.1-13Selected Panchayats for interns visit, survey, assess the infrastructures facilities and identify the problems faced by people

All above villages basic infrastructure like Provision of Drinking water, piped water supply to households, recharge of ground water, Road infrastructure, drainage facilities, sewage treatment, collection of garbage and disposal, promotion of Renewable energy usage, reduce power consumption, control of Environmental Pollution, improve green coverage, House dust control, Mosquito control

Problems faced by Farmers water shortage, efficient use of water, control weeds, control of pests and insects, Mechanisation of Agricultural activities, organic farming, Methods to reduce farmers expenses for crop rising, Automation of farming activities,

Sanitation facilities, Community toilet for those do not have enough space in the house.

Health infrastructure and improvement of Health facilities

Schools-infrastructures and modern method of teaching, language learning especially local language, and any other languages people want to learn. Improve communication skills.

Water scarcity areas and areas water contaminated -providing drinking water solution

**Kalvarayan Hills, Shervaroy's Hills and Pachamalai Hills**

Telecommunication facilities-mainly Mobile connectivity 2G/3G and Broadband connectivity in hilly areas, road connectivity to unconnected habitations and drinking water provision in summer

**Accommodation :**

Kallakurichi, or Salem or Attur depending upon the district

**Contact Person:All purposes**

Mohammad Nazar:9791788292

E-mails id :[mdnazam@gmail.com](mailto:mdnazam@gmail.com)

**Villupuram District:**

Sivakumar :6374382868

**Salem District:**

1.Arun Venu :6383293815

2.Arun Nallathambi:9344980003

E-mail id :[arun12345@gmail.com](mailto:arun12345@gmail.com)

**Member of Parliament**

Dr.K. Kamaraj M.P-9443386774

Email Id :[bharkavanclinic@gmail.com](mailto:bharkavanclinic@gmail.com)

# Baramati KVK - Accommodation Facilities



**Kallakurichi Team**



**Tiruppur Team**



**Tiruppur Team**



**Tiruppur Team**



## Sample On-field Report

[12/27/2018, 11:28 PM] +91 94232 76337: Hello Sir,

I'm Gaurav from Baramati Constituency. We had visited 5+ villages from different soil patterns. Problems are pretty similar with the respective pattern villages.

So, this week onwards we started working on \*building key partnerships\* who will be helping us in cultivating/executing our tech solutions to the ground level. The Agenda of these meetings was to create an information and technology transfer supply chain.

[12/27/2018, 11:30 PM] +91 94232 76337: We focused on 4 major sectors : \*Water conservation and resource management, Modern Agriculture, Healthcare, Solar Energy\*

### \*Modern Agriculture:

As this area is famous for their advance farming practices. It would be easy to imbibe tech mindset among the farmers. There are 700+ Krishi Vigyan Kendra(KVK) all across the India aiming to teach modern farming to farmers. KVK Baramati was the first one started in 1970, they are the pioneers of Drip Irrigation in India. Here, they have Dutch and Israel farming techniques on soilless farming, etc. They are in touch with \*1 million farmers\* through their Mobile app and various session. So, we met the manager here and he agreed in spreading our tech solutions to masses.

They're hosting a grand summit on 18-20 Jan where nearly 3 lakhs farmers will be visiting KVK. We already connected \*2 startups\* from IIT M research park with KVK who were working on organic fertilizers.

## Sample On-field Report

[12/27/2018, 11:31 PM] +91 94232 76337: Water Conservation and Resource:

Average Rainfall in this area was 100mm and caused drought in 67 out of 97 villages in the month of December (till 7 more months are left) This is problem has been faced by nearly 60+ Villages. We met a member from \*Paani Foundations\*(Founded by Aamir Khan in Satyamev Jayate Show) and they agreed to help us in executing solution which will be suggested by our Institution. They will use local Villagers and CSR as their resource. They already are conducting \*water cup\*\* competition making villages self independent on their water demands.

[12/27/2018, 11:33 PM] +91 94232 76337: \*Solar Energy:

We visited village named Katphal which is far ahead in development than other villages, Because they receives more than 50lakh+ CSR money from Piaggio Automobiles. The Sarpanch want to make whole village \*run on solar energy\* (at least few equipment's). We'll be soon contacting \*SELCO\*, social enterprise envision to offer affordable energy solutions to 3 million rural Indians via their innovative micro financing model.

[12/27/2018, 11:36 PM] +91 94232 76337: \*Healthcare:

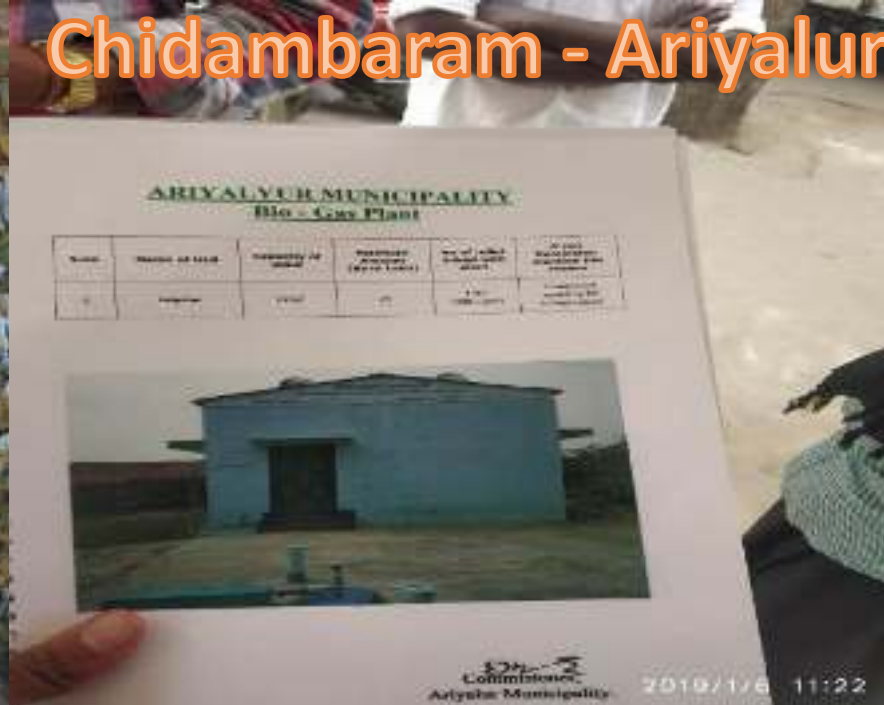
We found many pressing problem statements. As Healthcare is managed by stated government, it's hard to find someone responsible for execution. On the tech side/solutions, we'll be contacting \*Healthcare Technology Innovation Centre, IIT Madras\* (HTIC, IIT Madras) soon on building prototyped for those problems statements.

[12/28/2018, 8:08 AM] +91 80565 34932: <https://youtu.be/ilZuSXaGcwk>





# Chidambaram - Ariyalur



# Chidambaram - Kollidam River





**NII  
Winter 2018**



**THANK YOU**