About the Central University of Kerala
The Central University of Kerala, Kasaragod, came into being in 2009 under the Central Universities Act 2009 (Parliament Act No. 25 of 2009). The University is founded on the noble vision of a 'caring wisdom' and is guided by the lofty ideals of academic and social commitment, moral steadfastness and intellectual and spiritual enlightenment, as reflected in its vision statement. Located in a region characterized by linguistic and ethnic diversity and cultural richness, the University seeks to harness the local resources – human, intellectual, social, artistic and cultural – while bringing in the best that is globally available, thus maintaining a fruitful, symbiotic relationship with a region that badly needs an educational uplift. The Central University of Kerala (CUK) is ranked among the top 150 premier educational Institutions across India, as per the National Institutional Ranking Framework (NIRF 2019 survey).

About the Department of Computer Science
The Department of Computer Science started functioning in August 2011. The Department offers MSc Computer Science with a specialization in Intelligent Systems. The courses are designed with the objective of equipping the students for the IT industry and for streamlining them for taking up research in Intelligent Systems. The Department is recently equipped with Param Shavak (a mini Super Computer Center). The Department also offers a Ph.D program in Computer Science. Since its inception, the Department has been organizing a host of curricular and co-curricular activities aiming at the academic enrichment of students and faculty.

Patrons
Prof. Dr. G. Gopa kumar, Vice Chancellor
Prof. Dr. K. Jayaprasad, Pro-Vice Chancellor

Chair
Prof. Dr. M. R. Prathapachandra Kurup
Dean, School of Physical Science

Coordinator/Organizing Secretary
Dr. Rajesh R
Assoc. Prof. and Head, Dept. of Computer Science

Organizing Committee
Dr. Thasleema T.M.
Mr. Kumar V.
Dr. Manohar N.S.

Technical Committee
Mr. Sreelesh V.
Mr. Fasil O.K.
Mrs Shabina Baskar
Mrs Adithya V.

Technical and Logistic Support:
IEEE Student Branch, Central University of Kerala

Contact
Mobile – 09894850299, 9746854590
Email: rajeshr@cukerala.ac.in,
        fasilok92@gmail.com

5-Day National Level Workshop on Robotics
1st – 5th November 2019

Sponsored by
AICTE Training and Learning (ATAL) Academy

and Organized by
Department of Computer Science,
Central University of Kerala

Registration

Faculty members, Research Scholars and PG students from AICTE approved institutions and other research institutions who are interested in pursuing research in emerging areas of Robotics are eligible for the workshop. Those who are interested should apply/register online by visiting

https://forms.gle/nZBVQM9jZgC9X7eZ9

or

https://www.aicte-india.org/sites/default/files/ATAL/registration/

- There is no registration fee from any participants
- No TA/DA will be paid to any participants.
- Number of participants is limited to 50.
- Participants will be selected on first-come first served basis.
- Selected candidates will be intimated by e- mail.
- Participants will have to make their own stay arrangements during the five days.

5-Day National Level Workshop on Robotics

1st – 5th November 2019

Sponsored by
AICTE Training And Learning (ATAL) Academy
and Organized by
Dept. of Computer Science, Central University of Kerala

Registration Form

(Fill, scan this part and send by email to rajeshr@cukerala.ac.in)

Name: _____

Designation:_____

Institution:_____

Address: _____

_____

Mobile: _ _____

E-Mail ID: _____

DECLARATION

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of Five Days national workshop on Robotics.

Date:
Place: Signature of the Applicant.

DECLARATION

This is to certify that _____ is regular employee / Research Scholar/ PG Scholar of our institutions and is hereby permitted to attend the Five Days national workshop on Robotics during 1st – 5th November 2019

Date:
Place: Signature of the HoD/Principal.
                                         with seal

Objectives

The objective of this course is to impart necessary and practical knowledge of components of robotics and develop skills required to build real-life Robotics based projects.

Learning Outcomes

After the completion of this course, the participants will be able to:

- Understand robotics and its hardware and software components
- Interface I/O devices, sensors & communication modules
- Remotely monitor data and control devices
- Develop real life robotics based projects

Topics

- Introduction to Robotics
- Applications of Robotics
- Programming with Arduino/Raspberry Pi
- Current challenges in Modern Robotics
- Mechanics and Control of Robotic Systems
- Hands on session on Obstrucle avoidance
- Modeling Drone
- Modeling 3D printer
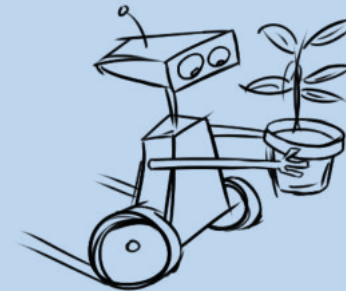
Speakers

Dr. Santhakumar Mohan
Associate Professor, Dept. of Mechanical Engineering
IIT Palakkad

Dr. Rajesh R.
Associate Professor and Head, Dept. of Computer Science, Central University of Kerala

Mr. Nithin R.S.
IEEE Young Professional Chair, IEEE Kerala Section

Mr. Fasil KV
R&D Head, Quovadis Robosoftech

Mr. Arjun Udayakumar
Embedded Progammmer, Quovadis Robosoftech

F.No. 1-153/AICTE/KERALA/2019   .10.2019

To

The Registrar,
Central University of Kerala
Periye - 671316, Kasaragod.

Sub: Release of a sum of **Rs 1,62000 /-**for **AICTE Training And Learning (ATAL) Academy programme**– Reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 162000 /-** (Rupees **One Lakh Sixty- Two Thousand** Only) for conduct of **AICTE Training And Learning (ATAL) Academy programme Robotics to Department of Computer Science Central University of Kerala Periye - 671316, Kasaragod** Scheduled on **01-11-2019** under AICTE **Training And Learning (ATAL) Academy.**

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I.   **Release of funds and maintenance of accounts**

  a.   The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.

  b.   The cost for conducting per programme will be Rs.1,62,000/- as per detail given as under:

S.No	Particulars	Amount
1.	Honorarium for Director	Rs. 10,000/-
2.	Honorarium to Co-ordinator Rs.2000/- per day x 5 days	Rs. 10,000/-
3.	Honorarium for experts (Rs.3000 per session for total 14 session)	Rs. 42,000/-
4.	Refreshment & Lunch (Rs. 300 per head for 50 trainees for 5 days)	Rs. 75,000/-
5.	Institutional charges	Rs. 15,000/-
6.	Miscellaneous charges	Rs. 10,000/-
	TOTAL	**Rs, 1,62,000/-**

  c.   The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution.

II. **Disbursement of funds to institutions**

  The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

सूचना का अधिकार

III. Conduct of test and issuance of certificate

- ☐ A test shall be conducted by coordinator at the end of the program.
- ☐ The certificates shall be issued to those participants who have attended the program without any absenteeism and scored minimum 60% marks in the test.

IV. Submission of documents by university/institution

a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program: -

    (i) List of candidates who have successfully completed the program on the basis of the test conducted by Program Coordinator.

    (ii) A program completion report along with photographs, videos, media report is to send after the completion of workshop along with the list of participants and Utilization Certificate, Expenditure Statement and feedback form etc. within one month of conduct of **AICTE Training And Learning (ATAL) Academy programme**.

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be adjusted.

V. General Instructions

a. Participants has to be faculty of AICTE approved institutions/ Host Institution / Research Scholar/PG Scholar.

b. If programme is not conducted in the year 19-20, the released amount, along with interest accrued thereon, has to be returned back to AICTE.

c. Any extra money required to complete the programme must be borne by the institute from their own resources but the quality of the activities should not be compromised.

d. Any unavoidable circumstantial change in the Program with respect to name of Project Coordinator, Venue and date for organizing AICTE Training And Learning (ATAL) Programme would mandatorily require prior approval of the Council. All such requests should be addressed to ATAL Academy, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

e. This Sanction Order may be treated as Offer Letter for all purposes.

Yours sincerely,

Director ATAL Academy
Trivandrum

Copy forwarded for information and necessary action to: -

1. **Dr. Rajesh R, Department of Computer Science Central University of Kerala**
2. **ATAL Academy Cell AICTE HQ**
3. **Guard File**

National Level Workshop on Robotics
Sponsored by AICTE Training And Learning (ATAL) Academy
and
Organized by Department of Computer Science, Central University of Kerala
1st – 5th November 2019

*
Schedule plan

Dates	10:00 AM to 11:30 AM	11:30 AM to 12.00 PM	12.00 PM to 1.30 PM	1.30 PM to 2:30 PM	2:30 PM to 4.00 PM	4:15 PM to 4:45 PM
01/11/2019	Registration and Inauguration	High Tea	Session 1 **Current challenges in Modern Robotics**	Lunch	Session 2 **Mechanics and Control of Robotic Systems**	Tea
02/11/2019	Session 3 **Components of Robotics**	Tea	Session 4 **Programming with Arduino and sensors**	Lunch	Session 5 **Programming with Raspberry Pi and sensors**	Tea
03/11/2019	Session 6 **Modeling Obstrucle avoidance system**	Tea	Session 7 **Hands on session on Obstrucle avoidance**	Lunch	Session 8 **Modeling Line Follower**	Tea
04/11/2019	Session 9 **Hands on session on Line follower**	Tea	Session 10 **Modeling Drone**	Lunch	Session 11 **Visit to Central Plantation Crops Research Institute or Kerala Agricultural University to study possible applications**	Tea
05/11/2019	Session 12 **Modeling 3D printer**	Tea	Session 13 **Working with 3D printer**	Lunch	Session 14 **Future trends and applications**	Valediction

 * Slight changes may be there in the topics

REPORT

FIVE DAYS NATIONAL WORKSHOP ON ROBOTICS

1ST – 5TH November 2019 at Central University of Kerala

AICTE TRAINING AND LEARNING ACADEMY, TRIVANDRUM

ROBOTICS

AICTE Training and Learning (ATAL) academy sponsored Five Days National Workshop on Robotics has been organized by Central University of Kerala from 1st to 5th November 2019 in which 82 participants attended the workshop.

The speakers for the 5-day workshop on "ROBOTICS" were:

Dr. Santhakumar Mohan, Associate Professor, IIT Palakkad

Dr. Santhakumar Mohan is currently working as an Associate Professor in the Department of Mechanical Engineering, Indian Institute of Technology, Palakkad. He got his PhD (Robotics and Control) from Indian Institute of Technology Madras, Chennai (India) in 2010. From June 2010 to March 2011, he worked as an assistant professor in the Department of Mechanical Engineering at National Institute of Technology Calicut (NITC), Kerala (India). He then worked as world-class university (WCU) postdoctoral fellow at Korean Advanced Institute of Science and Technology (KAIST), Daejeon (Republic of Korea), in addition to this, he received another prestigious Brain Korea 21 (BK21) Post-doctoral fellowship with the same institute from September 2011 to March 2012. In 2012, he joined the faculty of the Mechanical Engineering at Indian Institute of Technology Indore. He is holding visiting faculty positions at IISc Bangalore, India, RWTH Aachen, Germany and ECN, France. His active research areas include underwater vehicle and underwater manipulator design and control, parallel robotic platforms, assistive robots, field and service robots, intelligent motion control, and, dynamic modelling and control of dynamic systems. Furthermore, he has received the outstanding young Scientist for the year 2014 from Korea Robotics Society, European Master on Advanced Robotics Plus (EMARO+) fellowship (2018-2019) and Alexander von Humboldt (AvH) Fellowship (2016–2017). He has published more than 100 articles in various journals and conference proceedings.

Mr. Sacheth Sanal, CEO, Revinin Technology

Mr. Scheth Sanal is the CEO of Revinin Technology. He is expert in embedded systems. He has conducted a lot of embedded system seminar across Kerala as part of ATAL Tinker lab. He is a member of IEEE and IEEE young professional.

Mr. Adith Krishnan, Embedded Developer, Quolabs

Mr. Adith Krishnan is currently working as an Embedded Developer at Revinin Technology. He has wide experience in delivering invited talks and conducting Embedded workshop throughout Kerala. He is a member of IEEE and IEEE young professional.

Mr. Nithin P.S., CEO of Quovadis Robosoftech, Thiruvananthapuram

Mr. Nithin P.S. is the chair of IEEE Young Professional, IEEE Kerala Section. He has experience in organizing fully IEEE funded international conference inside and outside India. He is the CEO of Quovadis Robosoftech. He is an expert in the field of IOT and embedded systems.

Dr. Rajesh R., Associate Professor and Head, Department of Computer Science, Central University of Kerala

Dr. Rajesh R. is currently working as an Associate Professor in the Department of Computer Science, Central University of Kerala. He has more than 14 years of research and teaching experience. He has delivered more than more than 60 invited talks in various institutions. He has published more than 80 papers in various journals and conference proceedings. His specializations include Intelligent systems, control, fuzzy systems, neural networks, deep learning, image processing nature inspired computing, evolutionary algorithms, IOT. He is a senior member of IEEE and IEEE Computational Intelligence Society.

The Department of Computer Science, Central University of Kerala has organized 5 days national workshop on Robotics sponsored by AICTE Training and Learning Academy (ATAL) during 1st – 5th November 2019. The coordinator/organizing secretary was Dr. Rajesh R, Associate Professor and Head, Department of Computer Science, Central University of Kerala. The purpose of this workshop was to motivate and train the participants on topic of Robotics with some hands-on experience. 82 participants attended the workshop.

The workshop started with a prayer song. The welcome address was delivered by Dr. Rajesh R., Associate Professor and Head, Department of Computer Science, Central University of Kerala. The Programme was presided by Prof. (Dr.) M.R. Prathapachandra Kurup, Dean of School of Physical Sciences, Central University of Kerala and he provided the special address. The Programme was inaugurated by Prof. (Dr.) Gopa Kumar G., Vice Chancellor, Central University of Kerala by lighting the lamp and delivering the inaugural address. The keynote address was delivered by Dr. Santhakumar Mohan, Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology, Palakkad. The inaugural session ended by the delivery of vote of thanks by Dr. Manohar N.S.

The first session of the workshop was on the topic of "Challenges on Robotics" and was delivered by Dr. Santhakumar Mohan, Associate Professor, Indian Institute of Technology, Palakkad. He started with a brief history of Robotics and it was followed by various bottlenecks & challenges of Robotics. He winded up the first session by showing the various application/research possibilities of Robotics.

The second session of the workshop in the afternoon was on the topic of "Mechanics of Robotics". He also shared his experience in Robotics for the last one decade in various countries.

In the second day of the workshop, all the three sessions were handled by Mr. Scheth Sanal, CEO of Revinin Technology. He covered the following topics: (i) introduction to flowchart based programming software for arduino/stemscl, (ii) hands on sessions on flowcharts and its usage in arduino uno, (iii) experiments and hands on using flowchart based usage of LED, LDR, Buzzer, motor, switch, timers, ultrasound sensor, etc. in arduino/stemscl.
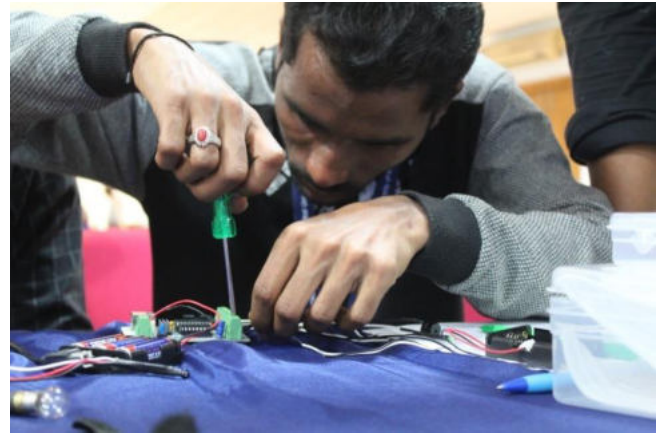
The first and second sessions on the 3rd day was dedicated to project development by dividing the participants into 9 teams. The project assigned to each team was different, namely, Fridge control, smart light dimmer, burglar alarm, washing machine control, smart street, temperature control, smart hat, bike indicator, and traffic light. After developing the project, the teams were allowed to explain it and also defend and answer for the question raised by the other opponent teams. The third session was on 3D modeling using tinkercad for 3D printing.
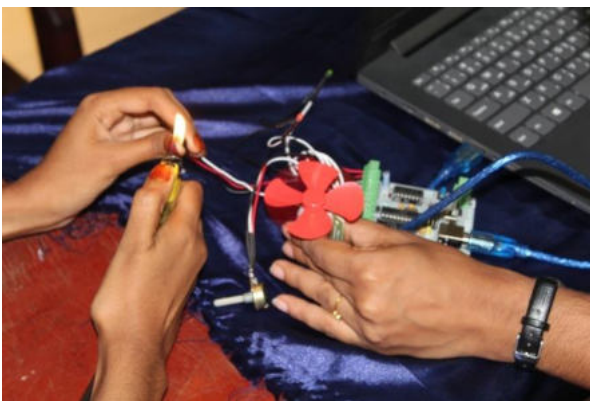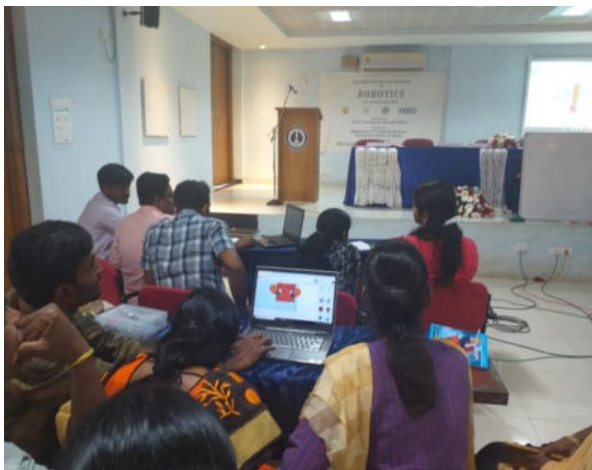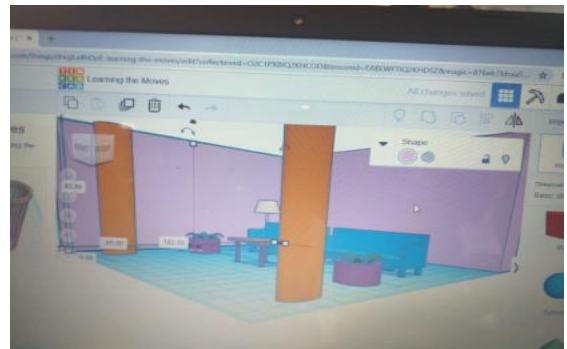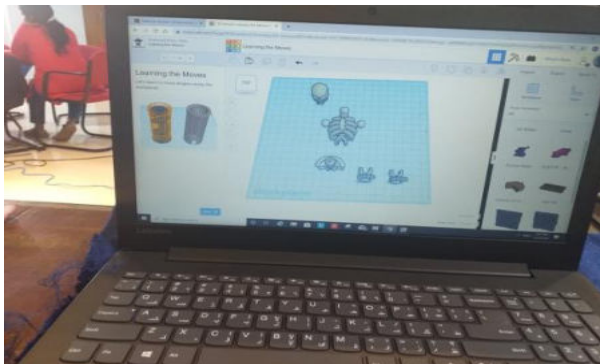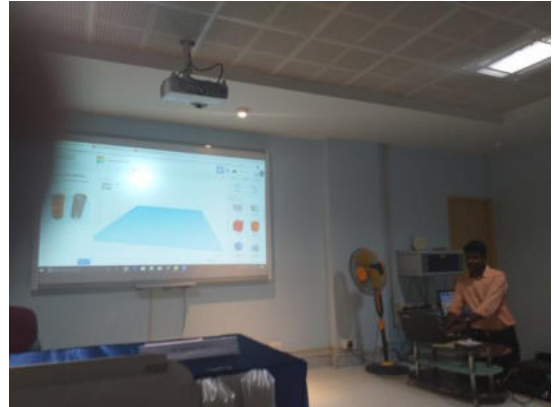
The sessions on the fourth day was hands on experiments with Bluetooth connectivity for arduino and experiments with the use of relays.

The first two sessions on the fifth day was (i) hands on design and development of line tracking robot by 10 teams, (ii) design of obstruction avoidance robot, (iii) demo of drone, (iv) demo on virtual reality. The third session on the fifth day was the talk by Dr. Rajesh R. on extended research possibilities on robotics.

Cash Prize to Best Robot (Cash Prize Sponsored by Faculty)

An examination with duration of 30 mints has been conducted. The valedictory function was chaired by Dr. Rajesh R. A feedback session was also arranged. During the valedictory function the certificate were distributed to the participants.

During the conclusion oral and written feedback from the participants were collected. Both in the oral and written feedback the conduction of the workshop was well appreciated by the participants. Formally the function was concluded by rendering vote of thanks by Dr. Rajesh R., the coordinator of the program.

Malayala Manorama News cutting on 2nd November 2019.

AICTE - ATAL PROGRAM : ATTENDANCE SHEET

Institute Name- Central University of Kerala	Coordinator's Name - Dr. Rajesh R.		Thrust Area- Robotics
Institute Address- Central University of Kerala, Periya – 671320, Kasaragod	Date of Program- (1/11/2019 to 5/11/2019)		Course code- ATVR0114

S.No.	Name of Participant (In CAPITAL LETTER)	Category(Faculty/ Research Scholar/ PG Student)	Participant's Institute	Mobile No.	Email address
1.	Sandeep Chandran	Faculty	LBSCE, Kasaragod	9495207906	sandeeplbscek@gmail.com
2.	Reshma K.V.	Faculty	Vimal Jyothi Engineering College, Chemperi, Kannur	9447062721	reshmakv@vjec.ac.in
3.	Divya K.	Faculty	Vimal Jyothi Engineering College, Chemperi, Kannur	9400672652	divyavinod@vjec.ac.in
4.	Malikasab Bagawan	Faculty	MVSR Engineering College Nadergul, Hyderabad, Telangana	7204556722	bagawanmalik@gmail.com
5.	Prashant Tadalagi	Research Scholar	Basaveshwara Engineering College Vidayagiri, Bagalkot, Karnataka	9880841937	pbtadalagi999@gmail.com
6.	Rajesh Gurani	Research Scholar	Basaveshwara Engineering College Vidayagiri, Bagalkot, Karnataka	7892917354	razabvp@gmail.com
7.	M. SARANYA	Faculty	K.S.R COLLEGE OF ENGINEERING, Tiruchengode, Namakkal, Tamil nadu	9003398632	saranyam1295@gmail.com

8.	R.POOVARASAN	Faculty	K.S.R COLLEGE OF ENGINEERING, Tiruchengode, Namakkal, Tamil nadu	9566374935	poovarasan29@gmail.com
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10.	VENKATESH GURU K	Faculty	K.S.R COLLEGE OF ENGINEERING, Tiruchengode, Namakkal, Tamil nadu	9566524111	guru2ksr@gmail.com
11.	NITHYA N S	Faculty	K.S.R COLLEGE OF ENGINEERING, Tiruchengode, Namakkal, Tamil nadu	9095806689	sachinnithya2@gmail.com
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13.	FASIL O. K	Research Scholar	Central University of Kerala	9746854590	fasilok92@gmail.com
14.	Shabina Bhaskar	Ph D Scholar	Central university of Kerala	9495426996	shabinabhaskar@gmail.com
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65.	Munshida P	PG Student	Central university of Kerala	8592865086	munshidap808@gmail.com

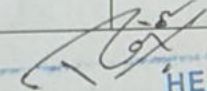|					
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71.	Soumen Das	P.G Student	Central university of Kerala	7001582548	soumenbondhu@gmail.com
72.	SREELEKSHMI M.S	PG scholar	Central University of Kerala	8606080823	sreelekshmitvnr@gmail.com
73.	VISHNU M.P	PG SCHOLAR	Central University of Kerala	9544380551	vishnumadhavanunni@gmail.com
74.	Greeshma G.K	PG student	Central University of Kerala	8086542755	appucherkala@gmail.com
75.	Kavya Balan	PG scholar	Central University of Kerala	9048061931	kpnair27@gmail.com
76.	Shaini P.	Faculty	Central University of Kerala	9048962747	shainipv@gmail.com
77.	Ashfaq Ahmad	Research Scholar	Central University of Kerala	7051234560	ishfaqnajar@gmail.com
78.	Gnanavel S.	Faculty	Central University of Kerala	9605798241	Gnanavel.math.bu@gmail.com
79.	Dr. Manohar Naik S	Faculty	Central University of Kerala	9885883395	manoharamen@cukerala.ac.in
80.	Dr. Thasleema T.M.	Faculty	Central University of Kerala	9497295948	thasleema@cukerala.ac.in

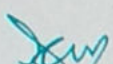|					
81.	Dr. T. Mallikarjunappa	Faculty	Central University of Kerala	9480500025	tmmallik@cukerala.ac.in
82.	R Rajesh	Faculty	Central University of Kerala	9894850299	rajeshr@cukerala.ac.in

AICTE Training And Learning(ATAL) Academy Programme
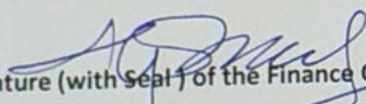
FORMAT FOR STATEMENT OF EXPENDITURE
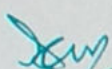
AICTE File No.   :   1-153/AICTE/KERALA/2019

Title of the Programme :   ROBOTICS

Name of the Coordinator :   Dr. Rajesh R.

Sanction No. and Date	Grant Sanctioned	Details of expenditure Incurred Itemwise	Amount Rs. (in each head)	No.of Participants	Duration of the Programme (with dates)
1-153/AICTE /KERALA/ 2019 25th Oct 2019	1,62,000	1. Honorarium to the Director	10,000	82	5 days 1st November 2019 to 5th November 2019
		2. Honorarium to Course Coordinator	10,000		
		3. Honorarium to Resource Persons	42,000		
		4. Refreshment & Lunch	75,000		
		5. Institutional Charges	15,000		
		6. Miscellaneous Charges	10,000		
		Total	1,62,000		
		Grant Received	1,62,000		
			Nil		
		Balance to be Received			

(1) _____
HEAD
Department of Computer Science
School of Mathematical & Physical Sciences
Name and Signature of Coordinator ala
with Seal Central University of 671316
jaswini Hills, Periye - 671316
Kasaragod, Kerala

(2) _____ डॉ.ए.राधाकृष्णन नायर
Name and Signature of A. RADHAKRISHNAN N
Head of Institution with Seal कुलसचिव / REGISTRAR
केरल कन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF K
तेजस्विनी हिल्स, पेरिया डा
TEJASWINI HILLS, PERIYA
कासरगोड / KASARAGOD-6

(3) Signature (with Seal) of the Finance Officer/
Auditor/Accounts Officer
(If it is Govt./Govt. Aided Institute)
डॉ. बि.आर. प्रसन्न कुमार
Dr. B.R. Prasanna Kumar
वित्त अधिकारी / Finance Officer

(4) Signature of Chartered Accountant:
Name of Chartered Accountant:
Membership No:
Rubber stamp:
Full Address:
Date:

Note:-If it is more than one page, each page must be signed in all annexure

CENTRAL UNIVERSITY OF KERALA, PERIYA – 671320, KASARAGOD

UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR (2019-20)

Name of the Scheme under which Grant was sanctioned: AICTE Training and Learning Academy
(to be submitted separately for each sanction order)

AICTE File No.   :   1-153/AICTE/KERALA/2019

Name of Co-ordinator   :   Dr. Rajesh R.

Dates of the Programme   :   1st-5th November 2019

Title of the ATAL Programme   :   Robotics

Sl. No.	AICTE Sanction Order/ Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	1-153/AICTE /KERALA/ 2019 25th Oct 2019	1,62,000	Certified that out of the grant-in-aid of Rs. 1,62,000 (one lakh and sixty two thousand) sanctioned by the AICTE during the financial year 2019 in favour of Central University of Kerala as per letter mentioned in the margin, Rs. 0 (Zero) on account of unspent balance of previous year, Rs. 0 (zero) on account of other income / receipts, a sum of Rs. 1,62,000 has been utilized for the purpose for which it was sanctioned and the balance of Rs. 0 (zero) remained unutilized at the end of the year.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: -
Audited Annual Accounts of the Institute
Receipt and Payment account
Periodical Progress Reports.

(1). Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

HEAD
Department of Computer Science
School of Mathematical & Physical Science
Central University of Kerala
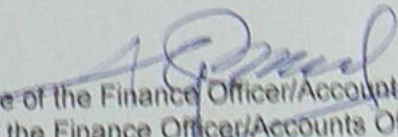Tejaswini Hills, Periye - 671316
Kasaragod, Kerala

2). Signature of Chartered Accountant:
Name of Chartered Accountant:
Membership No:
Rubber stamp:
Full Address:
Date:

(3). Signature of Head of the Institute:
Name & Designation of the Head of Institute:
Rubber stamp: ...RAMAKRISHNAN NAIR
Full Address: ...रार / REGISTRAR
Date: केरल केंद्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF KERALA
कासरगोड जिला, पीरिया पी.ओ
TEJASWINI HILLS, PERIYA P.O
कासरगोड / KASARAGOD 671316

(4). Signature of the Finance Officer/Accounts Officer:
Name of the Finance Officer/Accounts Officer:
(If it is Govt./Govt. Aided Institute)
डॉ. पी.आर. प्रसन्न कुमार
Dr. P.R. Prasanna Kumar

Note:-If it is more than one page, each page must be signed in all annex