



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2021-22

Institute Name: Newman College [ARI-C-11733]

### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Newman College, Thodupuzha	Academic Department with lab facility	Multidisciplinary	At all level	Non-Technical	2215	100	43

### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC202115735
Trained Innovation Ambassadors at HEI	No	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

### Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

**No Data Filled!**

### Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

**No Data Filled!**

### Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Center/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Genetic Engineering - Patenting and IPR issues		Core Course	Bachelor	Department of Botany and Biotechnology	01-11-2021	31-03-2022	151	Blended Mo	25	36

2	LEGAL FRAMEWORK FOR IT BASED BUSINESS AND INTELLECTUAL PROPERTY RIGHT		Elective Course	Master	Department of Commerce	01-11-2021	31-03-2022	151	Blended Mo	25	108
3	LEGAL FRAMEWORK FOR IT BASED BUSINESS AND INTELLECTUAL PROPERTY RIGHT		Elective Course	Master	Department of Finance and Taxation (SF)	01-11-2021	31-03-2022	151	Blended Mo	25	108
4	Economics of Business Strategy		Elective Course	Master	Department of economics	01-11-2021	31-03-2022	151	Blended Mo	25	90
5	Research and Publication Ethics		Core Course	PhD	Research and Post Graduate Department of Chemistry	01-09-2021	31-03-2022	212	Blended Mo	4	30
6	Research and Publication Ethics		Core Course	PhD	Research and Post Graduate Department of Physics	01-09-2021	31-03-2022	212	Blended Mo	3	30
7	Research and Publication Ethics		Core Course	PhD	Research and Post graduate department of English	01-09-2021	31-03-2022	212	Blended Mo	4	30
8	Genetic Engineering-Patenting and IPR issues		Core Course	Bachelor	Department of Botany and Biotechnology	01-11-2020	31-03-2021	151	Online	28	36
9	LEGAL FRAMEWORK FOR IT BASED BUSINESS AND INTELLECTUAL PROPERTY RIGHT		Elective Course	Master	Department of Commerece	01-11-2020	31-03-2021	151	Online	25	108
10	LEGAL FRAMEWORK FOR IT BASED BUSINESS AND INTELLECTUAL PROPERTY RIGHT		Elective Course	Master	Department of finance and Taxation (SF)	01-11-2020	31-03-2021	151	Online	25	108
11	Economics of Business Strategy		Elective Course	,Master	Department of Economics	01-11-2020	31-03-2021	151	Online	25	90
12	Research and Publication Ethics		Core Course	PhD	Research and post Graduate Department of Chemistry	01-09-2020	31-03-2021	212	Online	3	30
13	Research and Publication Ethics		Core Course	PhD	Research and Post Graduate Department of Physics	01-09-2020	31-03-2021	212	Online	1	30
14	Research and Publication Ethics		Core Course	PhD	Research and Post Graduate Department of English	01-09-2020	31-03-2021	212	Online	2	30
15	On job training		Core Course	Bachelor	Department of Botany and Biotechnology	01-10-2021	28-02-2022	151	Online	25	35

16	On job training		Core Course	Bachelor	Department of Botany and Biotechnology	01-09-2020	30-09-2020	30	Offline	28	125
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**Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	FLORICULTURE MANAGEMENT		Entrepreneurship Development Program (EDP)	Department of Botany Newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	25	30
2	Analytical Techniques (Applied) in Chemistry		Short-term Certificate Program	Department of Chemistry Newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	38	30
3	English for journalism		Short-term Certificate Program	Department of English literature and communication studies newman College Thodupuzha	16-11-2020	31-03-2021	136	Blended Mo	35	30
4	E-Commerce		Management Development Program (MDP)	DEPARTMENT OF COMMERCE COMPUTER APPLICATION (SF) Newman College Thodupuzha	01-08-2020	28-02-2021	212	Blended Mo	40	40
5	Healthcare management		Management Development Program (MDP)	Department of Finance and Taxation (SF) Newman College Thodupuzha	01-08-2020	31-01-2021	184	Blended Mo	40	35
6	Human Resource Management		Management Development Program (MDP)	Department of Commerce Co operation (SF) Newman College Thodupuzha	01-08-2020	28-02-2021	212	Blended Mo	40	40
7	Human Resource Management		Management Development Program (MDP)	Department of Economics Newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	40	30
8	CERTIFICATE COURSE IN RESEARCH METHODOLOGY		Short-term Certificate Program	Department of English Newman College Thodupuzha	05-10-2020	28-02-2021	147	Blended Mo	62	30
9	CERTIFICATE COURSE IN BUSINESS ENGLISH		Management Development Program (MDP)	Department of English Newman College Thodupuzha	02-11-2020	28-02-2021	119	Blended Mo	64	30
10	CERTIFICATE COURSE IN ENGLISH FOR COMMUNICATION		Management Development Program (MDP)	Department of English Newman College Thodupuzha	16-11-2020	31-03-2021	136	Blended Mo	63	30
11	EDUCATIONAL PSYCHOLOGY		Management Development Program (MDP)	Department of History Newman College Thodupuzha	19-12-2020	28-02-2021	72	Blended Mo	40	30

12	AN INTRODUCTION TO MUSEUMS AND MUSEOLOGY		Short-term Certificate Program	Department of History Newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	45	30
13	DTP- Malayalam and English		Entrepreneurship Development Program (EDP)	Department of Malayalam newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	35	30
14	PROGRAMMING IN PYTHON		Management Development Program (MDP)	Department of Mathematics Newman college Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	40	30
15	Introductory course on Python for Scientific Computing		Management Development Program (MDP)	Department of Physics Newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	25	30
16	Aquarium management		Entrepreneurship Development Program (EDP)	Department of Zoology Newman College Thodupuzha	01-08-2020	31-12-2020	153	Blended Mo	35	30
17	Field techniques in Entomology		Short-term Certificate Program	Department of Zoology Newman Collge Thodupuzha	15-11-2020	31-03-2021	137	Blended Mo	40	30
18	BASIC INFORMATICS		Management Development Program (MDP)	Department of History Newman College Thoidupuzha	02-08-2021	31-01-2022	183	Blended Mo	45	30
19	BUSINESS ENVIRONMENT		Entrepreneurship Development Program (EDP)	DEPARTMENT OF COMMERCE CO-OPERATION (SF) Newman Coplege Thodupuzha	02-08-2021	31-12-2021	152	Blended Mo	42	40
20	DTP- English and Malayalam		Entrepreneurship Development Program (EDP)	Department of Malayalam Newman College Thodupuzha	01-09-2021	28-02-2022	181	Blended Mo	30	30
21	ECOLOGICALLY FRIENDLY TOURISM AND ECOSYSTEM CONSERVATION		Short-term Certificate Program	Department of Botany newman College Thodupuzha	16-08-2021	14-01-2022	152	Blended Mo	25	35
22	Health Care Management		Management Development Program (MDP)	Department of Finance and Taxation (SF) Newman College Thodupuzha	05-08-2021	28-02-2022	208	Blended Mo	40	35
23	Data Analytics using R		Management Development Program (MDP)	DEPARTMENT OF MATHEMATICS AND STATISTICS	01-10-2021	28-02-2022	151	Blended Mo	35	30
24	Introductory course on Python for scientific computing		Management Development Program (MDP)	Department of Physics Newman Colleg Thodupuzha	02-08-2021	31-12-2021	152	Blended Mo	25	30
25	RESEARCH METHODOLOGY		Short-term Certificate Program	Post Graduate and Research Department of English Newman College Thodupuzha	25-08-2021	31-01-2022	160	Blended Mo	60	30
26	Certificate course in Social work		Management Development Program (MDP)	Newman College Thodupuzha	01-09-2021	20-01-2022	142	Blended Mo	30	30

27	ONLINE TWO-WEEK INTER-DISCIPLINARY REFRESHER COURSE on Advanced Research Methodology		Faculty Development Program (FDP)	TEACHING LEARNING CENTRE RAMANUJAN COLLEGE UNIVERSITY OF DELHI and NEWMAN COLLEGE THODUPUZHA KERALA AFFILIATED TO MG UNIVERSITY	21-06-2022	05-07-2022	15	Online	200	45
28	HANDS ON WORKSHOP M S OFFICE 2013		Management Development Program (MDP)	DEPARTMENT OF BOTANY AND BIOTECHNOLOGY NEWMAN COLLEGE THODUPUZHA	07-07-2022	11-07-2022	5	Offline	25	30
29	RESEARCH-BASED PEDAGOGICAL TOOLS (RBPT) WORKSHOP		Faculty Development Program (FDP)	Newman College Thodupuzha KERALA	27-08-2022	31-08-2022	5	Blended Mo	50	30
30	EFFECTIVE TEACHING AND LEARNING THROUGH MOODLE		Faculty Development Program (FDP)	Department of Botany and Biotechnology and Kerala State Higher Education Council (KSHEC)	08-08-2022	14-08-2022	7	Online	50	30
31	Newman monthly lecture series		Management Development Program (MDP)	Newman college thodupuzha	01-06-2021	31-03-2022	304	Blended Mo	100	30
32	IPR Lectures		Entrepreneurship Development Program (EDP)	IPR Cell Newman College Thodupuzha and IIC	01-07-2021	28-02-2022	243	Blended Mo	50	30

**Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

No Data Filled!

**Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

No Data Filled!

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

No Data Filled!

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

No Data Filled!

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)****No Data Filled!****Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)****No Data Filled!****Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI****No Data Filled!****Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups****No Data Filled!****Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups****No Data Filled!****Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received****No Data Filled!****Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI****No Data Filled!****Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Plan@Earth,Aluva,Kochi	Non Govt. Agency				11-11-2020
2	St. Joseph's College (Autonomous), trinjalakuda, Thrigsur, Kerala, India	Educational Institute				18-12-2020
3	Kerala Agri Development and Sustainable Co. Ltd	Corporate/Industry Association				30-06-2020
4	Centre for Molecular and macromolecular studies Polish Academy of Sciences, Henryka Sienkiewicza 112, 90-001 Łódź, Poland	Educational Institute				10-01-2022
5	Apttitech Placements and Training Ernakulam	Knowledge/Mentoring Agency				11-01-2022
6	Apttitech Placements and Training, Ernakulam	Knowledge/Mentoring Agency				11-02-2021

7	Center for Continuing Education Kerala Anathara Lane, Charaohira, Kowdiar PO Thiruvananthapuram, Kerala-695003 (CCEK)	Govt. Agency (State)				23-09-2020
8	Linways Technologies Pvt. Ltd, Integrated Startup Complex HMT Colony, North Kalamassery Kalamassery Ernakulam, Kerala 683503	Research Park				01-07-2021
9	Mar Sleeva College of Arts and Science, Murickassery	Educational Institute				19-03-2021
10	Mar Thoma College for Women, Perumbavoor, Kerala, India	Educational Institute				27-05-2021
11	MES Kalladi college, Mannarkkad, Palakkad district Kerala India	Educational Institute				24-08-2021
12	Computer Park (Master Tally Assessment Patner) MTAP, Thodupuzha	Knowledge/Mentoring Agency				25-07-2022
13	Green Clones Private LTD, Ernakulam Kerala India	Research Park				06-09-2021
14	MES Kalladi college, Mannarkkad, Palakkad district Kerala India	Educational Institute				27-08-2021
15	St Peters College department of Malayalam Kolencherry	Educational Institute				23-05-2022
16	Ramanujan College, University of Delhi, Kalkaji, New Delhi - 110019	Educational Institute				06-06-2022

**Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Proceedings of NAAC Sponsored Two Day National Seminar on INNOVATIVE PEDAGOGICAL APPROACHES AND THE ENHANCEMENT OF STUDENTS' PARTICIPATION IN TEACHING LEARNING PROCESS	IPRFiledPublished	2231-6698		-	NA		No
Department/Centre Name								
2	Proceedings of UGC SPONSORED NATIONAL CONFERENCE ON RECENT TRENDS IN BIOLOGY 2021	IPRFiledPublished	2231-6698		-	Uploaded		No
Department/Centre Name								

**Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

<b>No Data Filled!</b>
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**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

No Data Filled!

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

No Data Filled!

**List the patent Published & Granted to HEI**

No Data Filled!



## Declaration

To,  
The ARIIA Committee  
MHRD's Innovation Cell  
New Delhi


### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Bijimol Thomas (Head of Institute) and Dr. Anu Mary Joseph (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you


The Head of Institute

  
30/8/2022

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Dr. Bijimol Thomas  
Head of the Institution,  
Idukki, Kerala

Nodal officer

  
30/8/2022

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Dr. Anu Mary Joseph  
Nodal Officer,  
Idukki, Kerala