



Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

DBT Star College Scheme - Community Orientation based Activities

Outcome based socially relevant group projects:

Mentored by renowned experts, our students took up socially relevant lab-to-land projects such as

Azolla and Mushroom cultivation units: These were set up for cultivation of bio-fertilizers and mushrooms

- The Azolla cultivation units were set up under the guidance of our Mentor Dr. N. Thajuddin, Professor, Department of Microbiology, School of Life Sciences, Principal Investigator, National Repository of Freshwater Microalgae & Cyanobacteria (Sponsored by DBT, Govt. of India).
- Similarly, Mushroom cultivation units were established under the guidance of our mentor Dr. Catherine Sara, Head of the department of Botany, Holy Cross College Tiruchirappalli.



Development of innovative products/ apps/ ideas due to Students participation in interdisciplinary Trainings & Workshops:

The participation of our students in workshops and trainings organized under DBT Star College Scheme has led to the development of innovative products/ software applications (apps)/ ideas as given below:

JMC Arboratics: This is a smart identification Software Application (APP) for trees- in our college premise developed by our student team. This innovation has been registered with the Jamal Innovation & Incubation Centre (JIIC) for startup support and establishment.

Play Store Link: <https://rb.gy/xay3vt>

Aquaponics: This innovative idea developed by our students has been acclaimed widely and was selected for the **National Science Day 2022** program. Further the members of this team were granted entry into the **Smart India Hackathon 2022** for the problem statement of xerophytic hydrogel for soil less cultivation



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Enrichment of teaching / research / activities of Faculty Members:

- The DBT Grant has helped us to connect with prestigious institutions and enabled us to organize many Interdisciplinary Online Faculty Development Programmes. One such notable programme was the One Week FDP on Data Analytics and Mathematical Software Tools organized by the Department of Mathematics of our college in collaboration with the Teaching Learning Centre, Ramanujan College (University of Delhi) under the aegis of Ministry of Education's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
 
- Eight Patents have been filed by 10 faculty members of Star College Scheme departments.
- A Patent filed by Dr. A. Jafar Ahamed Associate Professor of Chemistry was granted on 31-05-2021. (Patent. No. 368046)
- 57 articles were published in Web of science, Scopus and UGC Care list journals.
- Lab manuals and e-content modules were prepared.
- 13 College sponsored ongoing research projects.
- Extra mural Research projects supported by DST (Govt. of India) under DST-SERB and DST-NIF
- Dr. R. Radhakrishnan, Assistant Professor of Botany, was ranked as the "Top 2%, Most Influential Scientists for the Year 2020", by the Stanford University. <https://insights2techinfo.com/indian-researchers-in-stanford-universitys-top-2-most-influential-scientists-list-for-the-year-2020/>

Popularizing science through effective outreach programs to students of schools and college teachers.

- The Zoology department, organized in collaboration with the Tamil Nadu Archeology department, a programme on the "Preservation of Zoological Specimen" in our Zoological Museum to educate the school students and faculty members of neighboring colleges on taxidermy techniques.




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Proofs for key Performance Indicator

Hands on experiments being conducted

*S: Number of Students, B: Beneficiaries, SS: School Students, ST: School Teachers,
ID: Inter Departmental Programme, IC: Intercollegiate.

(i) Department of Botany

- Plant Collection, Processing and Herbarium preparation** - Dr. B. Balaguru, Asst. Professor of Botany, Jamal Mohamed College on 30-09-2021. S:34 (ID.)
- Mushroom Cultivation and Post-Harvest Technology** - Dr. Cathrine Sara, Head, Dept. of Botany, Holy Cross College, Tiruchirappalli on 18-11-2021. S: 75 (ID.)
- Herbal Product Preparation** - Dr. M. Arumugam, Head, Dept. of Botany, JJ College of Arts and Science, Pudukkottai on 20-11-2021. S: 34 (ID.)
- Analytical Techniques for Biology** - Dr. D. Saravanan, Coordinator, NCIF, National College, Tiruchirappalli, 10-12-2021. S: 21 (ID.)
- Phylogenetic techniques** - Dr. P. Chellapandi, Professor and Head of Bioinformatics, Bharathidasan University, Tiruchirappalli on 15-12-2021. S: 43 (ID.)
- Horticulture technique and cultivation of fruit varieties (Field training)** - Dr. M. Satham Hussain, Agriculture officer, Tamil Nadu Horticulture Research Institute, Kudimiyannalai, Pudukkottai on 15-02-2022. S: 25
- Terrace gardening and Bonsai techniques (Field training)** Shri. Lakshmanasamy, Bodhi Bonsai Nursery Garden, Tiruchirappalli on 18-02-2022 S:18
- Greenhouse cultivation of vegetables and flowers (Internship training)** Mr. Bala Siva Prasad, Director, National Horticulture Board from 21st to 26th Feb. 2022 at Hosur Floriculture garden, Hosur. S: 15.
- Field Survey, Herbarium preparation and Plant identification (Field training)** from 29th to 31st March 2022 (3 days) at Shola and Evergreen Vegetation in Mudumalai and Udhagamandalam. S: 34




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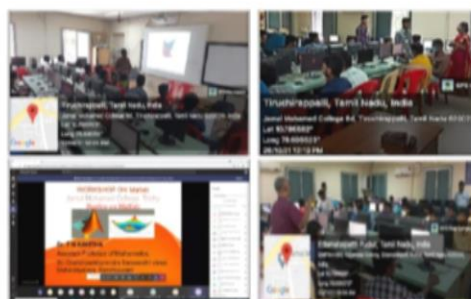
(ii) Department of Chemistry

- Drawing chemical structure using Chemdraw** - Dr. S. S. Syed Abuthahir & Dr. R. Abdul Vahith, Asst.Prof. of Chemistry, Jamal Mohamed College, Tiruchirappalli 09-10-2021 S:52 (ID.)
 - Analysis of Soil** - S. N. Anitha, Senior Agricultural Officer, Tiruchirappalli 22nd & 23th Nov.2022 S: 90
 - An overview of UV-Visible Spectroscopy: Applications in Day to Day Life**-Dr. D. Suresh, Assistant Professor, School of Chemical and Biotechnology, SASTRA Deemed University, Thanjavur on 04-12-2021. No. of S:78. (ID.)
 - Analytical techniques for separation of molecules** -Dr. M. Rajan, Assistant Professor, Dept. of Natural Products Chemistry, Madurai Kamaraj University, Madurai on 17-12-2021. S: 42 (ID)
- Chromatographic Techniques** - Dr. R. Imran Khan, Asst. Professor of Chemistry, Sadakathullah Appa College, Thirunelveli 8 & 9 March 2022 S: 72
- Preparation of Solutions** - Dr. G. Rajkumar, Asst. Professor of Chemistry, Vivekanandha College, Madurai on 21 & 22 March 2022 S: 52
 - Instrumentation of UV-Visible & IR Spectroscopy** - Dr. A. Kosiha & Dr. M. Devenderan, Asst. Professor of Chemistry & Scientific Officer, VELS Institute of Science and Technology, Chennai on 23 & 24 March 2022 S:73
 - Significance of Water : Quality and Pollution Abatement** -Dr. Muthulakshmi Andal, Assistant Professor of Chemistry, PSGKR College for Women, Coimbatore, 25th & 26th March 2022 S: 49.



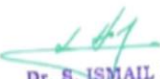
(iii) Department of Mathematics

- Mathematica Software-** Dr.D.Dhamodharan, Asst. Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli from 6 to 9 Sep. 2021 S: 60.
- Maple Software-** Dr.D.Dhamodharan Asst. Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli on 11-09-2021 S: 60.
- R Programming**-Dr. G. Arockia Sahaya Sheela, Asst. Professor & Head, Dept. of Data Science, Holy Cross College, Tiruchirappalli from 26 to 28 Oct.2021 S:54.




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4. **Matlab and its Applications:Differentiation** Dr. J. Sengamalaselvi, Asst. Professor of Mathematics, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram on 1st to 3rd Nov.2021 S: 63.
5. **Matlab and its applications:Integration** Dr. A. Dhanalakshmi, Asst. Professor of Mathematics, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram on 1st to 3rd Nov.2021 S: 63
6. **SPSS** by Dr. M. Balasubramanian, Assistant Professo, of Statistics, Periyar EVR College, Tiruchirappalli from 1 to 3 Nov.2021 S: 60
7. **Matlab and its applications: Ordinary differential equation** by Dr. T. N. Kavitha, Asst. Professor of Mathematics, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram on 03-11-2021 S: 63.
8. **SageMath Software** - Dr. P. S. Srinivasan Associate Professor Mathematics, Bharathidasan University, Tiruchirappalli on 22 &23 Nov. 2021 S:60

(iv) Department of Physics

1. **Servicing of Electronic Gadgets and Home Appliances** by Mr. T. Ramachandran, Dept. of Physics, Periyar EVR College Tiruchirappalli from 9th to 11th Nov.2021 S: 52 (ID.)
2. **Applications of Geospatial Technology in Resource Management** by Dr. B. Balaguru, Asst. Professor of Botany Jamal Mohamed College Tiruchirappalli from 25th to 30th Nov.2021 S: 22(ID.)
3. **Assembling of HAM Radio Transmitters and Weak Signal Propagation Reporting System** by Mr. Sunil Anuldas (VU3ZAN) HAM Radio Operator MK 90 Active HAMs Group Tiruchirappalli on 04-03-2022. S: 25 (ID.)



(v) Department of Zoology

1. **Inventory methods in conservation biology** -Dr. M. Salahudeen, Assistant Professor, Dept. of Zoology, Jamal Mohamed College on 06.09.2021 S: 36
2. **Biostatistics in MS Excel and SPSS**-Prof. S. N. Sheik Umar Sahith, Professor, Dept. of Zoology, Jamal Mohamed College on 15.09.2021. S: 35
3. **Birdwatching and Photography**-P. A. Ashique, Assistant Professor, Dept. of Zoology, Jamal Mohamed College on 18.09.2021. S: 35




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Exhibition/Seminar/Training Courses Conducted

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ID: Inter Departmental Programme, IC: Intercollegiate

(i) Department of Botany

- 1. International Webinar on Biological Innovations for Resource Management and Sustainable Development** organized by Department of Botany Resource persons: Dr. Asmah Binti Awal, Dr. Asmah Binti Awal and, Dr. Alawi Bin Hj Sulaiman Universiti Teknologi MARA, Malaysia, Dr. G. Rajaseger, Officer, A*STAR COVID-19 Diagnostic Lab, Singapore & Ex- Senior Scientist, DMERI @ DSO National Laboratories, Singapore, Dr. Nazeerullah Rahamathullah Gulf Medical University, Ajman U.A.E and Dr. Kasthuriengan Sampath, Joil (S) Pte Ltd, Singapore from 24th to 26th Aug, -2021. F:71.
- 2. Training Programme on spatial informatics** by Dr. B. Balaguru, Assistant Professor, Department of Botany, Jamal Mohamed College from 4th to 8th Jan -2022. S:18 (IC)
- 3. FDP on Innovative Teaching and Research methods of Academic Excellence** on 24th to 29th Jan-2022 organized by Department of Botany. B: 64 (ID)
- 4. National Webinar on Molecular Evolution, Taxonomy and Ecology** (4 sessions): (a) Phylogentic and diversification studies in the endemic Hemedactylus geckos of India reveals an adaptive radiation by Prof. K. Praveen Karanth, Chair, Centre for Ecological Sciences, Bangalore, Karnataka on 16.02.2022.
 - (b) Biodiversity of Western Ghats** by Dr. R. Ramasubbu, Assistant Professor, Department of Biology, Gandhigram Rural University, Tamil Nadu on 16.02.2022.
 - (c) Molecular phylogeny of Zingiberaceae of North East India** by Professor Latha Rangan, Department of Bioscience and Bioengineering(BSBE), Applied Biodiversity Laboratory (ABL) Indian Institute of Technical Guwahati, Assam on 17.02.2022.
 - (d) Application of molecular data in Angiosperm systematics** by Dr. S. Soosairaj, Assistant Professor, Department of Botany, St. Joseph's College(Autonomous), Tiruchirappalli, Tamil Nadu on 17.02.2022.
- 5. Plant Expo 2022** - Exhibition on Bonsai Nursery Cultivation techniques, Medicinal plants, Plant products, Native Trees and Traditional Rice Varieties on 02-03-2022 at Department of Botany. No. of beneficiaries: 112.
- 6. Intercollegiate programme on Effective implementation of DBT Star College Scheme** on 12.03.2022 organized by Department of Botany. F:31 (IC)
- 7. National seminar on Innovative research approaches in Biological sciences**, conducted from 25th to 26th May 2022, inaugurated by Dr. M. Krishnan, Vice Chancellor, Central University of Tamil Nadu and Dr.N. N. Thajuddin Professor, Department of Microbiology, Bharathidasan University addressed the validation. B: 150




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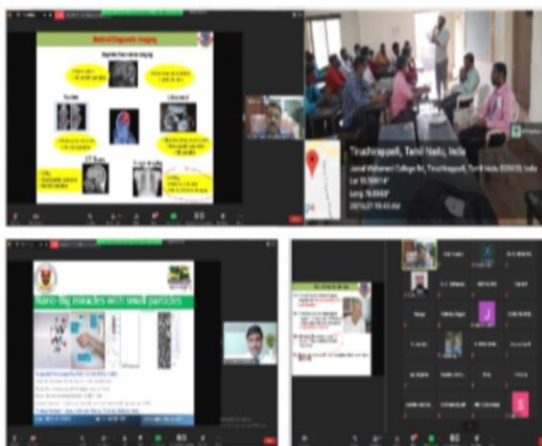
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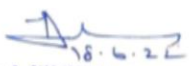
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(ii) Department of Chemistry

1. **Online seminar on Drug Delivery**-Dr. V. Raj, Professor and Head, Department of Chemistry, Periyar University, Salem on 06-07-2021. **S:145(IC)**
2. **Intercollegiate Online seminar on Iron Based MRI Contrast Agents**-Dr. R. Mayil Murgan, Assistant Professor, School of Chemistry, Madurai Kamaraj University, Madurai on 17-07-2021. **S:130. (IC)**
3. **Online seminar on Emerging Materials for Solar Hydrogen Production**-Dr. A. Pandi kumar, Scientist-Materials Electrochemistry, Division, CSIR-CECRI, Karaikudi on 27-07-2021. **S: 140. (IC)**
4. **Online seminar on Nano-Big miracles with small Particles**-Dr. Pasupuleti Visweswara Rao, Associate Professor & Research Coordinator, Head of Unit, Non-communicable Diseases Research Niche Areas, Department of Biomedical Sciences and Therapeutics, University of Malaysia, Malaysia on 13-08-2021 **S: 99 (IC)**
5. **Awareness on DBT programmes for pursuing higher education and research**-Dr. M.Syed Ali Padusha, Associate Professor of Chemistry, Jamal Mohamed College from 20th & 21st Oct 2021 **S:45. (ID.)**
6. **Training programme on Role of Ionic Liquids** - Dr. A. Ilangoan, Professor of Chemistry, Dean, Faculty of Science Engineering and Technology Bharathidasan University, Tiruchirappalli, 04-03-2022. **F: 30. (ID.)**
7. **International conference on Innovations in chemical and environmental research** - Keynote addressed by Dr. Mohammed Sakhawat Hussain DL, Principal, College of Science and Engineering and Management, London, UK on 25-05-2022. **B: 400**




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1. **Workshop on Astronomy**-Dr. S. Ruban Raj, Principal, Iks College of Arts & Science, Trichy on 31.08.2021. F: 27
2. **Workshop on Vedic Mathematics**-Mr. Ashwani Jain, Asst. Professor of Mathematics, Khalsa College for Women, Sidhwan Khurd, Ludhiana District, Punjab from 26.10.2021 to 30.10.2021 (5 Days). S: 87 (Interdisciplinary- Mathematics-52, Chemistry-28, Physics-7).
3. **Seminar on General Application of Mathematics**-Dr. B. Mohamed Harif, Asst. Professor in Mathematics, Rajah Serfoji Government College, Thanjavur on 10.12.2021 S:46
4. **Seminar on Group Theory**-Dr. B. Mohamed Harif, Asst. Professor in Mathematics, Rajah Serfoji Government College, Thanjavur on 11.12.2021. S:39
5. **Seminar on Present Trends in Mathematics**-Dr. R. S. Elancheeran, PMRF Fellow, Department of Mathematics, IIT Madras, Chennai on 13-12-2021. S:176
6. **Seminar on Applied Mathematics** -Dr. R.S. Elancheeran, PMRF Fellow, Department of Mathematics, IIT Madras, Chennai on 15-12-2021. S:61
7. **Seminar on Fractal Analysis and its Applications**-Dr. R. Uthayakumar, Professor of Mathematics, The Gandhigram Rural Institute Gandhigram, Dindigul on 16-12-2021. S: 47.
8. **Training Programme on Trouble Shooting in Computers** Mr. N. Mohamed Bayas, System Administrator, Jamal Mohamed College, Tiruchirappalli on 20-12-2021. No. of Beneficiaries: 23. (ID)
9. **Virtual Workshop on Differential Equations and its Application** organized by Department of Mathematics on 21st & 22nd Dec. 2021 F:13.
10. **FDP on ICT Tools for E-content Development** organized by Department of Mathematics from 24 to 29 Jan. 2022 F:13
11. **Online interdisciplinary workshop on data analysis & mathematical software tools** in association with PMMMNMTT Teaching Learning Centre, Ramanujan College University of Delhi from 26th Feb to 3rd March 2022 F: 160.
12. **Online Quiz programme "Smart Hacks 2021-22"** in association with Electronics & ICT Academy, IIT Kanpur. S: 184 (ID)



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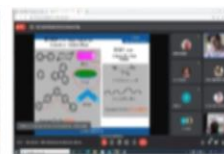
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- Online Workshop on Materials Science: A Seesaw of Science and Engineering**-Prof. Mangalaraja Ramalinga Viswanathan, Department of Materials Engineering, Faculty of Engineering, University of Concepcion, CHILE, Latin America on 15-02-2022. S:146. (FN)(IC)



- Online Workshop on Applications of NMR in Battery Research**-Dr. Dorai Arunkuma, Asst. Professor of Physics, Institute of Multidisciplinary University, Japan on 15-02-2022. S: 146. (FN) (IC)

Research for Advanced Materials, Tohoku

- Online Workshop on Liquid Crystals – An Overview**-Dr. Gurumurthy Hegde, Director, Centre for Advanced Research & Development (CARD), Professor of Materials Science, Department of Chemistry, Christ (Deemed to University), Bengaluru, Karnataka on 15-02-2022. S: 146. (AN) (IC)



- Online Workshop on Birefringence study of NLO crystals by channeled spectrum Method**-Dr. P. Hemalatha, Asst. Professor of Physics, Government Arts College Coimbatore, on 16-02-2022. S: 146. (FN) (IC)

- Online Workshop on Materials Modeling**-Dr. Basherrudin Mahmud Ahmed, Asst. Professor of Physics, School of Physics, Madurai Kamaraj University, Madurai, on 16-02-2022. S: 146. (FN) (IC)

- Online Workshop on “Simulating and visualizing the physical world”** Dr. K. A. Z. Syed Abuthahir, Asst. Professor of Physics, Dr. Zakir Husain College, Ilayangudi, on 16-02-2022. S: 146. (AN) (IC)

- Online Training Programme on Image Editing using Inkscape – An Open Source Scalable Vector Graphics Package**-Mr. J. Veeranathan Balaji Institute of Computer Graphics, Coimbatore on 20-10-2021 to 22-10-2021 S: 39 (IC)
- Training Programme on Role of Physics in Disaster Forecasting**-Dr. S. Selvaraj Assistant Professor, Department of Geology National College (Autonomous) Tiruchirappalli on 17-11-2021. S: 39 (ID)
- Training Programme on Role of Physics in Soil Testing** by N.S. Anitha, Senior Agricultural Officer Soil Testing Laboratory Tiruchirappalli on 18-11-2021. S: 40 (ID)

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5. **Training Programme on Oncology – Diagnostics and Therapy-** Mr. S. Karthik Chief Medical Physicist & Radiological Safety Officer, Sri Kauvery Health Care, Tiruchirappalli on 19-11-2021. S: 39 (ID)
6. **Training Programme for Non-Teaching Staff members on Maintenance and Servicing of Laboratory Instruments-** K.B. Syed Ishack, Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 10-01-2022. B: 22. (ID)
7. a) **Seminar on Identification of Asteroid Families-** Mr. Surender Ponnalagar, Project Director, Chiguru Colab, Bangalore, National Point of Contact – India, Space Generation Advisory Council on 28-02-2022. S: 42 (ID)
 b) **Seminar on HAM Radio Communications-**Mr. S. Sivakumar, District Teacher Education & Training Institute, Kanchipuram on 28-02-2022. S: 42 (ID)
 c) **Seminar on Radiation Safety-**Mr. S. L. Ansar Ali, Head, Health Physics Laboratory, Bhabha Atomic Research Centre, Kalpakkam on 28-02-2022. S: 42. (ID)
8. a) **Seminar on Sir CV Raman – A Light Legendary and His Invention-**Dr. S. Gunasekaran, TANSA Awardee, Dean, Research & Development, St. Peter's Institute of Higher Education & Research, Chennai on 03-03-2022. S: 48. (ID)
 b) **Seminar on Contribution of CV Raman to Science Research-**Dr. M. Selvapandiyan, Associate Professor & Head i/c Department of Physics Periyar University PG Extension Centre, Dharmapuri 03-03-2022. S: 48. (ID)
9. **National Webinar on Origin and Utilization of Pyramid Energy-**Dr. M. Jamal Mohamed Jaffar, Associate Professor & Head, Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 26-02-2022. B: 100 (IC)
10. **Workshop on PCB Making-**Mr. A. R. Kasturi, Proprietor, AK Tronics, Tiruchirappalli on 08-03-2022. S:48
11. **Webinar on Asteroid search-**Mr. Surender Ponnalagar, Project Director, Chiguru Colab, Bangalore, National Point of Contact – India, Space Generation Advisory Council on 29-03-2022. S:33 (ID)


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 Coordinator of DBT Star College Scheme &
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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

(v) Department of Zoology

1. **Seminar on Commercial importance of Zooplanktons**-Dr. A. Janakiraman, Assistant Professor, Department of Zoology, National College, Tiruchirappalli on 16-11-21. S: 35
2. **Seminar on Micro Plastics and their impacts on marine Environment**-D. Gayathri, Assistant Professor, National College, Tiruchirappalli on 23-11-2021. S: 35
3. **Webinar on Food and Water Safety**-Dr. Naresh Devarajan, Research Scientist, Food and Water Safety, WFCB, University of California, Davis, USA on 13.08.2021 S: 35.
4. **Short term training on Preservation of Zoological Specimens**-Mr. T. Pakirisami Curator Government Museum Pudukkottai on 23-03-22 to 28-03-22. S: 35.
5. **Philately Exhibition** Mr. N. Raveendran Founder President Iragukal Amritha Nature Trust Madurai on 08-12-21. S: 240. (ID)
6. **Entrepreneurial Development Programme on Aquaculture** by, Mr. V. Suresh Aquarium Consultant Vasantham Aquarium Tiruchirappalli on 04-12-21. S: 35(ID)
7. **Entrepreneurial Development Program (EDP): Opportunities in Mariculture** by a) Dr. R. Jayakumar Principal Scientist & Head in Charge b) Dr. B. Johnson Senior Scientist, c) Dr. K.K. Anikuttan, Scientist Central Marine Fisheries Research Institute Indian Council of Agricultural Research Mandapam from 28th to 29th Sep.2022 (ID)
8. **Indian Patent and Patenting**- Dr. S. N. Sheik Umar Sahith, Associate Professor of Zoology, Jamal Mohamed College, Tiruchirappalli on 17-02-22. S:20 (ID)




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Criterion III Research, Innovations & Extension

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Books/Journal Subscribed from Grants

(i) Department of Botany

1. Research methodology for biological sciences- N. Gurumani (1 copy)
2. Principles and practice of floriculture Nair K. Kumar M. (1 copy)
1. Post harvest methodology of horticulture crops Vol. 07 Horticulture sciences series, Sudheer K.P (1 copy)
3. A text book of seed science and Technology S.Padmavathi (1 copy)
4. Laboratory manual of Biochemistry, Khan (1 copy)

(iii) Department of Physics

2. A text book of Atomic and Nuclear Physics, 2022, Dr. N. Subrahmanyam, ISBN: 9788121904148, S. Chand Publication (2 copies)
3. A text book of Basic Electronics, 2021, B L Theraja, ISBN: 9788121925556, S. Chand Publication (2 copies)
4. A text book of Concepts of Astrophysics, 2019, A. Mujiber Rahman, ISBN: 9789385983733, Scitech Publication (4 copies)
5. A text book of CSIR-UGC NET/JRF/ Exam. Solved Papers Physical Sciences, Pratiyota Darpan, ISBN: 9789350134191, Upkar Prakashan Publication (1 copy)
6. A text book of Elements of Properties of Matter, 2022 D.S. Mathur, ISBN: 9788121908153, S. Chand Publication (2 copies).
7. A text book of Mathematical Physics, 2018, H K Dass, ISBN: 9789352837229, S. Chand Publication (2 copies).
8. A text book of Principles of electronics, 2020, V K Metha, ISBN: 9789352838363, S. Chand Publication (2 copies).
9. A text book of UGC NET/JRF/SET Physical Science, Tomar, ISBN: 9788174825278, Upkar Prakashan Publication (2 copies).

(v) Department of Zoology

1. A text book of Invertebrate, 2021, N. Arumugam, N.C Nair, S. Leelavathy, N. Soundara Pandian, ISBN: 9789384826093 Saras Publication (2 copies)
2. A text book of Chordata, 2021, N. Arumugam, A. Thangamani, S. Prasanna kumar, L.M. Narayanan, ISBN: 9789382459170 SARAS Publication (2 copies)
3. Animal Physiology, 2021, N. Arumugam SARAS Publication (2 copies)
4. Developmental Biology, 2021, N. Arumugam ISBN: 9789386519672 SARAS Publication (2 copies)
5. Environmental Biology, 2021, N. Arumugam, A., SARAS Publication (2 copies)
6. Biophysics, 2021, N. Arumugam, A. SARAS Publication. (2 copies)
7. Biostatistics, computer application and Bioinformatics, 2021, N. Arumugam, A. SARAS Publication (2 copies)
8. A Text Book of Embryology (Developmental Zoology), 2021, N. Arumugam ISBN: 9789382459767 SARAS Publication (2 copies)
9. Cell and Molecular Biology, 2021, N. Arumugam, SARAS Publication (2 copies)
10. Genetics, 2021, R. P. Meyyan, SARAS Publication (2 copies)

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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Outreach activities (Popular lectures)

*S: Number of Students, F: Faculty, B: Beneficiaries, SS: School Students, ST: School Teachers, ID: Inter Departmental Programme, IC: Intercollegiate.

(i) Department of Botany

1. Traditional Knowledge documentation and awareness programme conducted by students of Botany department in Amoor village near Salem on 20-04-21 B:25
2. Seed Ball preparation & Nursery technique to school teachers and students of Ayesha Girls Matriculation Hr. Sec. School, Tiruchirappalli on 23-11-2021 F: 12; S:20.
3. "Awareness on Pollution and its control" to school teachers and students of Ayesha Girls Matriculation Hr. Sec. School, Tiruchirappalli on 02-12-2021. F: 12; S:40.
4. Botanical Techniques- Dr. B. Balaguru, Asst. Professor of Botany, Jamal Mohamed College to school teachers and students of Panchayat Union Middle School, MGR Nagar, Nagamangalam, Tiruchirappalli on 20-12-21 S:40.
5. International Biodiversity Day: Drawing and Elocution Competition for school children from Karur and Tiruchirappalli Districts on 22nd May 2022 B: 120.



(ii) Department of Chemistry

1. Chemical structures and their interpretation using chemical software-Dr. M. Purushothasman, Asst. Professor of Chemistry, Jamal Mohamed College & Dr.S.S.Syed Abuthahir, Asst. Professor of Chemistry, Jamal Mohamed College to Government Arts College students, Tiruverumber, Tiruchirappalli on 22-12-2021 S: 70.
2. Chemical structure Drawing using Chemdraw-Dr. S. S. Syed Abuthahir, Asst. Professor of Chemistry, Jamal Mohamed College to School Teachers on 08-01-2022 B: 21




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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

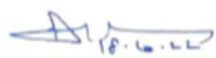
3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

3. Water Quality Parameters Analysis-Dr. J. Sirajudeen, Asst. Professor of Chemistry, Jamal Mohamed College to School Teachers on 08-01-2022. **B: 21.**
4. Identification of Water Quality Parameters by Dr. R. Abdul Vahith, Asst. Professor of Chemistry, Jamal Mohamed College to Self-Women Help Group People, Barma colony, Navalpattu, Tiruchirappalli on 26-12-2021. **B: 42.**
5. Domestic products preparations-Dr. S.S.Syed Abuthahir, Asst. Professor of Chemistry, Jamal Mohamed College to Self-Women Help Group People, Navalpattu, Tiruchirappalli on 26-12-2021. **B: 42.**
6. Identification of Water Quality Parameters-Dr. R. Abdul Vahith, Asst. Professor of Chemistry, Jamal Mohamed College to Self-Women Help Group People Nagamangalam, Tiruchirappalli on 18-12-2021. **B: 42.**
7. Analysis of water quality Parameters-Dr. R. Abdul Vahith, Assistant Professors of Chemistry, Jamal Mohamed College, Tiruchirappalli on 24-03-2022 UG students of Chemistry, Thanthai Periyar Govt. Arts & Science college, Tiruchirappalli **B:40.**
8. Drawing chemical structure-using Chemdraw Software-Dr. S. S. Syed Abuthahir, Asst. Professors of Chemistry, Jamal Mohamed College, Tiruchirappalli on 24-03-2022 to UG students of Chemistry, Thanthai Periyar Govt. Arts & Science college Tiruchirappalli. **B:40.**

(iii) Department of Mathematics

1. Theory of Equations-Dr. M. Mohamed Althaf, Assistant Professor, Department of Mathematics, Jamal Mohamed College, Tiruchirappalli to School teachers on 20-11-2021. **ST: 20**
2. Math's & Magic's-Mr. M. Manikandan, District Secretary, Tamil Nadu Science Forum, Tiruchirappalli for Corporation Middle School students of Subramaniapuram, Tiruchirappalli on 10-12-2021. **SS: 99**
3. Activity Based Mathematics Learning by B.Sc. Mathematics Students to Corporation Middle School students of Subramaniapuram, Tiruchirappalli on 10-12-2021. **SS: 40.**
4. Importance of Life Skills Education-Dr. R. Jahir Hussain, Associate Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli to School Teachers on 11-12-2021. **ST: 15**
5. Distribution of Omicron awareness pamphlets to Public's & Students at TVS Tollgate, Trichy on 16-12-2021 & 18-12-2021 **B: 400**




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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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6. Experimental Mathematics by B.Sc. Mathematics Students to Panchayath Union Middle School Students of Gandhinagar, Tiruchirappalli on 18-12-2021. SS: 30.
7. Experimental Learning by B.Sc., Mathematics Students to B.H.M High School Students, Tiruchirappalli, 26-02-2022. SS: 110
8. Experimental Learning using Mathematic Models by B.Sc., Mathematics Students to Corporation Middle School Students, Airport, Tiruchirappalli on 28-02-2022. SS:65
9. We know Science-Dr. D. Dhamodharan, Asst. Professor of Mathematics, Jamal Mohamed College to Corporation Middle School Students, Airport, Tiruchirappalli on 28-02-2022. SS:42
10. Experimental Learning using Mathematic models by B.Sc., Mathematics Students to Corporation High School Students, Airport, Tiruchirappalli on 28-02-2022. SS:42

(iv) Department of Physics

1. The Great Conjunction of Mars and Venus-Dr. T. V. Venkateshwaran, Senior Scientist, Vigyan Prachar, New Delhi on 12-07-2021. B: 79.
2. Online Outreach Programme on World Science Space Programs-Dr. Mylswamy Annadurai, Former Director - ISRO, Bangalore on 04-10-2021. B: 117
3. Role of ISRO in the Development of Science and Technology- Mr. V. Rajasekar, Scientist, ISRO - Trivandrum to School Teachers on 20-10-2021. B: 93
4. Neutrino - An Elusive Particle-Dr. Mohammad Sajjad Athar, Professor of Physics, Aligarh Muslim University, Uttar Pradesh to School and College Teachers on 16-11-2021. B: 57
5. Learning Made Simple- Dr. M. Thirunavukkarasu, Research Associate Department of Educational Technology Bharathidasan University, Tiruchirappalli to School teachers at Bharathi Matric Higher secondary school, Tiruchirappalli- on 13-12-2021 B: 10
6. Learning Made Simple-Dr. M. Thirunavukkarasu, Research Associate Department of Educational Technology Bharathidasan University, Tiruchirappalli to School teachers at Khajamian Higher Secondary, Tiruchirappalli- 21-12-2021. B: 15
7. Sky-Watch Programme-Mr. S. Jaya Paul, Scientific Assistant (Rtd.), Anna Science Centre - Planetarium, Tiruchirappalli on 17-12-2021. B: 74
8. HAM Radio as a Technical Hobby for Social Service-Dr. A. Aslam, Assistant Professor, Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli on 05-02-2022. B: 82.




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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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(v) Department of Zoology

1. Museum Visit for School Students and College Students at Department of Zoology, Jamal Mohamed College, Tiruchirappalli on 8-12-21. **B: 225.**
2. Clinical Waste Disposal-Dr. R. Krishnamoorthy, Assistant Professor, Jamal Mohamed college at Nagamangalam village and MGR Nagar, Tiruchirappalli for the village people on 19-12-21. **B: 35.**
3. Developing Scientific Temper-Dr.R.Krishnamoorthy, Assistant Professor, Jamal Mohamed college at SBIOA matric Hr. Sec. School, Trichy on 28.02.2022. **S:100.**
4. Importance of checking water quality parameters by UG students to school students participated in National Science day celebration on 28-02-22. **S:40**
5. Aquaculture training-Mr.V.Suresh , Aquarium Consultant to school students of Nagamangalam village and MGR Nagar, Tiruchirappalli on 04-01-21. **S: 56. (ID)**
6. Philately Exhibition conducted in collaboration with *Iragukal Amritha* Trust, Madurai to school and College students on 8-12-21. **S: 250**



College Mentored to apply for DBT Star College Grants

We mentored and guided the following institutions to apply for DBT-Star college scheme

- i. Vivekanda College, Thiruvengadam, Madurai (Dr A Shajahan Coordinator, DBT STAR College Scheme, Jamal Mohamed College),
- ii. G.T.N. College, Dindigul (Dr. M. Syed Ali Padusha, Addl. Coordinator, DBT STAR College Scheme, Jamal Mohamed College),
- iii. A.V.V. M Sri Pushpam College, Poondi, Thanjavur (Dr.A.Shajahan Coordinator, DBT STAR College Scheme, Jamal Mohamed College),
- iv. Marudhar Kesari Jain College for Women, Vaniyambadi, Tirupattur(Dr. M. Syed Ali Padusha, Addl. Coordinator, DBT STAR College Scheme, Jamal Mohamed College),.
- v. The New College, Chennai (Dr. M. Syed Ali Padusha, Addl. Coordinator, DBT STAR College Scheme, Jamal Mohamed College),.



Among these five colleges, Vivekanda College, Thiruvengadam, Madurai, G.T.N. College, Dindigul, A.V.V. M Sri Pushpam College, Poondi, Thanjavur have been selected for DBT Star College Scheme.

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Criterion III Research, Innovations & Extension

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Invited Lectures

*S: Number of Students, F: Faculty, B: Beneficiaries, SS: School Students, ST: School Teachers, ID: Inter Departmental Programme, IC: Intercollegiate.

(i) Department of Botany

1. Integrated Pest Management -Dr. B. Padmanaban, (Former) Principal Scientist, NRC Banana Research Institute, Thayanur, Tiruchirappalli, 21-10-2021. S:35 (ID)
2. Pandemic disease and importance of Vaccine-Dr. A. Vairamoorthy Administrative officer, Pasteur Institute of India, Coonor, 22-11-2021. S:30 (ID)
3. Novel Biopesticides for crop production-Dr. K.Sahayaraj, Associate Professor of Zoology St. Xaivers College, Palayamkottai, 10-03-2022 S: 28 (ID)
4. Species Recovery and Conservation-Dr. S. Kaliamoorthy Scientist E, National Orchidarium and Experimental Garden BST, SRC, Yercaud on 10-03-2022 (FN). S:28 (ID)
5. Bioprospecting of medicinal plants-Dr. Shanthiraj Asst. Professor of Botany, Holy cross college (Autonomous), Tiruchirappalli , 10-03-2022 (AN). S:28 (ID)
6. Nutraceuticals of Traditional Rice Varieties- Dr.S.Bakiyalakshmi, Asst. Professor of Biotechnology, Bonsecours College for Women, Thanjavur, 11-03-2022 (FN). S:28 (ID)
7. Developing bioentreneur skills among the biological society - Dr.Amzad Basha Kolar, Asst. Professor of Botany, The New College (Autonomous) Chennai , 11-03-2022 (AN). S:28 (ID)
8. Plant viruses in vegetable crops-Dr. K. Kathiravan, Associate Professor of Biotechnology, Madras University, Chennai,14-03-2022. S:28 (ID)
9. Forests Lungs of Earth-Mr. A. Mageshwa, Range Officer, Manaparai Range, Trichirappalli Forest Division, Tamil Nadu Forest Department , 21-03-2022. S:34 (ID)
- 10.Carrier Opportunities in Biology-Dr. N. Sisubalan, Assistant Professor, Department of Botany, Bishop Heber College Tiruchirappalli ,13-12-2021. S:28 (ID)




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11. The Way forward: Technology for enabling rural Economy-Dr. A. Sangeetha, Assistant Professor, Department of Nutrition and Dietetics, Jamal Mohamed College, Tiruchirappalli on 17-12-2021. S:28. (ID)

12. Science and Technology for Sustainable Future-Dr. Cathrine Sara, Assistant Professor & Head, Department of Botany, Holy Cross College, Tiruchirappalli, 25-02-2022. S:150 (ID)

(ii) Department of Chemistry

1. Impact of pesticides on environmental and human Health-Dr. N. Vasimalai, Asst. Professor of Chemistry, BS Abdur Rahman Crescent Institute of Science and Technology, Chennai, 27-10-2021. S:9 (ID)

2. Building an innovation Ecosystems in Colleges -Dr. S. Senthamarai, Associate professor & Head, Department of Economics and Dr. Sujatha Elangovan, Assistant Professor, Department of Zoology, Holy Cross College(A), Tiruchirappalli on 10-01-2022. F: 107 (ID)

3. Citation of Database-Dr. R. Balasubramani, Associate Professor, Department of Library and Information Science, Bharathidasan University Tiruchirappalli on 24-01-2022. F: 69 (ID)

4. Scholarly Information Resources-Dr. C. Ranganathan, Associate Professor, Department of Library and Information Science, Bharathidasan University Tiruchirappalli on 25-01-2022. F:69 (ID)

5. Entrepreneurship & Startups-Dr. N. Prasanna Director i/c Bharathidasan University Entrepreneurship, Innovation and Career Hub (BECH)Bharathidasan University, Tiruchirappalli on 27-01-2022. F: 69 (ID)

6. Business Opportunity Identification and Market Survey-Er. D.Ravi, Proprietor, Techny Chemy Tiruchirappalli on 27-01-2022. F: 69 (ID)

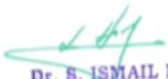
7. Quality Research Writing-Dr. S. Senthilnathan, Director (FAC) UGC - Human Resource Development Centre (HRDC) Bharathidasan University Tiruchirappalli on 28-01-2022. F: 69 (ID)

8. Digital learning and Teaching-Dr. Elavazhagan Kannan Librarian & Chief Knowledge Officer Indian Institute of Management Tiruchirappalli on 29-01-2022. F: 69 (ID)

9. Contribution of noble laureates to Science and Technology-Dr. Iruthaiya Jothi, Assistant Professor, Department of Chemistry, St. Joseph's College (Autonomous) Tiruchirappalli on 25.02.2022. F: 40 (ID)


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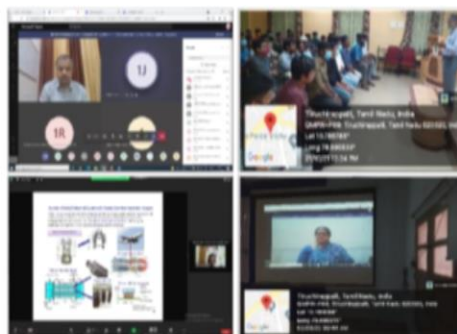
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(iii) Department of Mathematics

1. LaTeX for Beginners-Dr. D. Dhamodharan, Asst. Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli on 13-09-2021. S:60
2. Continuity and Differentiability-Dr. M. Marudai, Honorary Professor of Mathematics, Bharathidasan University, Tiruchirappalli on 21-10-2021. S:40.
3. Online lecture on Calculus-Dr. Surinder Mohan Deep, Associate Professor & Head, Department of Mathematics, Govind National College, Narangwal District, Ludhiana on 11-11-2021. S:44
4. Linearization Technique for nonlinear BVPs and Applications to Fluid Flow Problems-Dr. Satyajit Roy, Professor, Department of Mathematics, Indian Institute of Technology Madras, Chennai on 21-12-2021. S:125
5. Online Lecture on Employment Prospects for Mathematics Aspirants-Dr. Richa Brar, Asst. Professor of Mathematics, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab on 15-11-2021. S:41
6. Online lecture on Partial Differential Equations and their Applications-Prof. R. Sahadevan, Former Director and Head, Former UGC Emeritus Fellow, Ramamujam Institute for Advanced Study in Mathematics, University of Madras on 21-12-2021. S:125.
7. Online programme to commemorate National Mathematics Day: Lecture on Applications of Linear Differential Equations-Dr. P. Kandaswamy, Professor & Head (Retd.), Bharathiar University, Coimbatore on 22-12-2021. S:53.
8. Online programme to commemorate National Mathematics Day: Lecture on Applications of Linear Differential Equations by Prof. M. Lakshmanan, Professor of Eminence & DST – SERB National Science Chair, Department of Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli on 22-12-2021. S:53.
9. Computations of Molecular Descriptors-Dr. Sr. S. Kulandai Therese, Asst. Professor in Mathematics & Deputy Principal, St. Mary's College, Thoothukudi on 28-02-2022. S:33 (ID)
10. Challenges in Computations of Molecular Descriptors-Dr. S. Prabhu, Associate Professor of Mathematics, Rajalakshmi Engineering College, Chennai on 28-02-2022. S:33 (ID)





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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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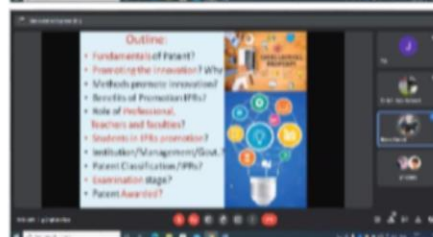
11. Cyber Security- the need of the hour- What is it for the common people? -Dr. G. Padmavathi, Professor, Department of Computer Science, Dean, School of Physical Sciences & Computational Sciences, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 02-03-2022. S:92 (ID)



12. International Day of Mathematics "PI" (π) Day: Lecture on Camal Mantras of Data Science-Dr. Felix Bast Professor and Head Department of Botany Central University of Punjab, on 15-03-2022. S:61(ID)

(iv) Department of Physics

1. Introduction to Condensed Matter Physics- Dr.S.Gunasekaran, TANSA Awardee, Dean, Research & Development, St. Peter's Institute of Higher Education & Research, Chennai on 24-01-2022. B:244. (IC)
2. Photon Upconversion Nanomaterials and their Bio-Applications - Dr. J. Senthil Selvan, Assistant Professor, Department of Nuclear Physics University of Madras, Chennai on 24-01-2022. B:244. (IC)
3. Oxide Thermoelectric Materials for Energy Harvesting-Dr. M. Arivanandhan Professor Centre for Nanoscience and Technology Anna University, Chennai on 25-01-2022. B:244. (IC)
4. Two Dimensional Nanocomposites Functional Materials for Energy Storage Applications- Prof.R.Jayavel, Director, Centre for Nanoscience and Technology, Anna University, Chennai on 25-01-2022. B:244 (IC)
5. Recent Development in Astronomical Studies – Higher Education Perspective-Dr.TV Venkateswaran Scientist F, VigyanPrasar, Department of Science and Technology Government of India, 07-02-2022. B: 168. (IC)



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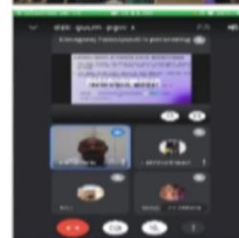
3.3 Innovation Ecosystem

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6. Career Pathways to Astronomy Education and Research-Dr. Priya Hasan, Assistant Professor, Department of Physics, Maulana Azad National Urdu University, Hyderabad on 07-02-2022. **B:168 (IC)**
7. Astronomy for Development-Mr. Ramasamy Venugopal Head-Operations, Office of Astronomy for Development, International Astronomical Union 08-02-2022. **B: 168 (IC)**
8. Astronomical Data & Technology-Mr. Ramasehsan Head-Research & Development, Chiguru Colab, Bangalore 08-02-2022. **B: 168. (IC)**
9. Introduction to Astrolab-Mr. Surender Ponnalagar, Project Director, Chiguru Colab, Bangalore 08-02-2022.**B: 168. (IC)**
10. Nuances of Patent Filing Procedure-Dr. M.S. Mary Mangaiyarkarasi, Consultant – IPR, Bioinnovation Centre, Bangalore, 09-02-2022. **B: 55 (IC)**
11. Promoting Innovative Ideas to IPR-Dr. A. Bakrudeen Ali Ahmed, Associate Professor, Dean, School of Life Sciences, Centre for Research and Development, PRIST Deemed University, Thanjavur on 09-02-2022. **B: 55. (IC)**

(v) Department of Zoology

1. Naturopathy for Health- Dr. Suhail, Coimbatore on 21-10-21. **S:30**
2. Wetland birds of River Kaveri; an Overview-N. Raveendran, Iragukal Amritha Trust, Madurai on 08-12-21. **S:62**
3. KDM3A; A Novel the rapeutic target for pancreatic cancer by Dr. A. Kanagaraj Palaniyandi, Asst. Professor of Biotechnology, SRM Institute of Science and Technology on 20-01-22. **B:75 (IC)**
4. Egg albumin doped Zinc Oxide Nanoparticle; a new alternative to cancer therapy-Dr.Bupesh Giridharan, Asst. Professor of Nagaland University on 21-01-22. **B:60. (IC)**
5. The History and Evolution of Radiation in Medicine-Dr.K.Mohamathu Rafic, Chief Physicist, Govt Rajaji Hospital, Madurai on 22-01-22. **B:35. (IC)**
6. Environmental radioactivity- Dr.Hassan ali, Health and safety division, IGCAR on 28-02-22. **S:30 (ID)**
7. Probiotics for Human and Animal Health-Dr. A. Balasundaram, Asst. Professor of Zoology, Periyar EVR College, Trichy on 14-03-22. **S:82.**
8. Opportunities for Life science students in Industries-Dr. N. Manivannan, Consultant-Biotech Industries, Department of Biology, Gandhigramam University, Dindigul on 14-03-22. **S:82.**




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Criterion III Research, Innovations & Extension

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Hands on experiments being conducted

(i) Department of Botany

- Plant Genomic DNA Isolation, PCR Amplification and Agarose Gel Electrophoresis. (Online Mode)**
Conducted by Dr. N. Ahamed Sherif, Assistant Professor of Botany, Jamal Mohamed College, Tiruchirappalli, on 08-06-2020&09-06-2020(Two Days), No. of Students benefited – 48.
- Methods of Field Sample Collection Using Mobile GPS, (Online Mode),** Conducted by Dr. B. Balaguru, Assistant Professor of Botany, Jamal Mohamed College Tiruchirappalli, on 23-06-2020, No. of Students benefited – 26.
- An overview of Poly-house, Green-house and Net-house & Cultivation and Commercialization of Flower and Vegetable Crops (Online Mode),** on 20-07-2020 to 23-07-2020(Four Days), Conducted by Mr. D. Bala Shiva Prasath, Shiva Shakthi Floristic & Exports, Hosur. No. of Students benefited -35.
- Microalgal Biodiversity, Biomass Productions and Applications (Online Mode),** on 24-07-2020 to 25-07-2020 (Two Days), Conducted by Dr. N. Thajuddin, Professor, Department of Microbiology, Bharathidasan University, Tiruchirappalli, No. of Students benefited - 35.
- Plants Collection, Processing and Herbarium Preparation, (Online Mode),** on 27-08-2020, Conducted by Dr. B. Balaguru, Assistant Professor of Botany, Jamal Mohamed College Tiruchirappalli. No. of Students benefited – 33.
- Agarose Gel Electrophoresis Techniques (Online Mode),** on 25-08-2020, Conducted by Dr. K. Mohamed Rafi, Assistant Professor of Botany, Jamal Mohamed College, Tiruchirappalli, Training on Agarose gel electrophoresis. No. of Students benefited – 30
- Interdisciplinary Training Programme on “Fundamental of R Software in Data Analysis” (Online Mode),** on 27-10-2020, Conducted by Dr. B. Balaguru, Assistant Professor of Botany, Jamal Mohamed College, Tiruchirappalli, No. of Students benefited – 19. (Interdisciplinary- Botany, Chemistry and Zoology)



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8. **Virtual Lecture and Training Programme on “Plant Taxonomy: Current Challenges and Perspectives”** on 31-10-2020, Conducted by Dr. Ramasubbu Raju, Assistant Professor, Department of Biology, Gandhigram Rural Institute Gandhigram, Tamil Nadu, No. of Students benefited – 16.
9. **Automated plant species identification”,** on 02-11-2020, Conducted by Dr. D. Kandavel, Associate Professor, Department of Botany, Periyar EVR College, Tiruchirappalli, No. of Students benefited – 31.

(ii) Department of Chemistry

1. **Online Training Programme Methods of Expressing Concentration,** on 15-05-2020, Conducted by Dr. M. Syed Ali Padusha, Associate Professor, PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli-20, No. of Students benefited – 56.
2. **Analytical Separation Techniques (Online Mode),** on 28-05-2020, Conducted by Dr. V. M. BIJU, Associate Professor, Department of Chemistry, National Institute of Technology, Tiruchirappalli, No. of Students benefited – 512, (Interdisciplinary- Botany, Chemistry and Zoology)
3. **Live Session on Soil nutrients - Its need and Importance. (Online Mode),** Conducted by Mr. C. Elangovan, Regional Sales Manager, Cropex Private limited, Bangalore, on 22-06-2020 (One Day) No. of Students benefited – 35,
4. **A Virtual internship programme on Principle and Instrumentation of IR spectroscopy.** on 24-06-2020 to 26-06-2020 (Three Days), Conducted by Dr. P. Kalimuthu, Assistant Professor, Department of Chemistry, Gandhigram Rural Institute- Deemed to be University, Dindigul. No. of Students benefited – 74,
5. **A Virtual internship programme on the applications of Avagadro software,** Conducted by Dr. M. Arunachalam, Assistant Professor, Department of Chemistry, Gandhigram Rural Institute- Deemed to be University, Dindigul. No. of Students benefited – 62,
6. **A Virtual internship programme on the applications of Chemdraw software,** conducted by Dr. M. Seenivasa PerumaL, Assistant Professor, Department of Chemistry, Gandhigram Rural Institute- Deemed to be University, Dindigul. No. of Students benefited – 68,



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7. **A Virtual internship programme on Principle and Instrumentation of UV Visible spectroscopy**, conducted by Dr. P. Kalimuthu, Assistant Professor, Department of Chemistry, Gandhigram Rural Institute- Deemed to be University, Dindigul. No. of Students benefited – 72.
8. **An Online Training Programme on Water Treatment Using Polymer Based Materials**, conducted by Dr. N. Viswanathan, Assistant Professor, Department of Chemistry, University College of Engineering, Anna University, Dindigul on 25-07-2020 (One Day), No. of Students benefited – 39

(iii) Department of Mathematics

1. **SPSS (Offline Mode)**, conducted by Dr. M. Balasubramanian, Assistant Professor of Statistics, Periyar E.V.R College, Tiruchirappalli, on 17-02-2021 & 18-02-2021 (Two Days) No. of Students benefited – 44.
2. **Basic Mathematics (Offline Mode)**, conducted by Dr. A. Prasanna, Assistant Professor of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 02-02-2021 to 11-02-2021 (Ten Days), No. of Students benefited – 23.
3. **Hands on Training Programme on R (Online Mode)**, conducted by Dr. B. Balaguru, Assistant Professor of Botany, Jamal Mohamed College, Tiruchirappalli, on 11-07-2020 to 12-07-2020 (Two Days), No. of Students benefited – 65,
4. **Hands on Training Programme on Maple Software (Offline Mode)**, conducted by Mr. Mohamed Aslam Ameer Hamja, Data Science Enthusiast, Mindcube, Bangalore & Dr. S. Mohamed Yusuff Ansari, Assistant Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli, on 11-01-2021, No. of Students benefited – 42.



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3.3 Innovation Ecosystem

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5. **Hands on Training Programme on Mathematica Software (Offline Mode)**, conducted by Mr. Mohamed Aslam Ameer Hamja, Data Science Enthusiast, Mindcube, Bangalore & Dr. A. Mohamed Ismayil, Assistant Professor of Mathematics, Jamal Mohamed College, Tiruchirappalli, on 12-01-2021, No. of Students benefited - 33.

(iv) Department of Physics

1. **An Interdisciplinary Programme on Origami and Wealth from Waste (Offline Mode)**, conducted by Ms. T. Santhi, State Coordinator, Arogya Iyyakkam, on 04-03-2020 (One Day), No. of Students benefited - 33.
(Interdisciplinary- Botany, Chemistry, Physics and Zoology)
2. **Remote Sensing and GIS Data Analysis (Online Mode)**, conducted by Dr. B. Balaguru, Assistant Professor of Botany, Jamal Mohamed College, Tiruchirappalli, on 20-07-2020 to 24-07-2020 (Five Days), No. of Students benefited - 224.
(Interdisciplinary- Botany, Chemistry, Physics and Zoology).
3. **A Hands on Training Programme on Servicing of Electronic Gadgets and Home Appliances (Offline Mode)**, conducted by Mr. T. Ramachandran, Guest Lecturer, Department of Physics, Periyar E.V.R College, Tiruchirappalli, on 06-01-2021 to 08-01-2021 (Three Days). (Interdisciplinary- Botany, Chemistry, Physics and Zoology)



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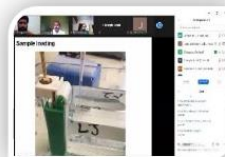
Criterion III Research, Innovations & Extension

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(v) Department of Zoology

1. **Hands on Training on Microtechniques - Histological studies in Animal Cells(Online Mode)**, conducted by Dr. A. Sadiq Bukhari, Assistant Professor of Zoology, Jamal Mohamed College, Tiruchirappalli, on 08-07-2020 to 11-07-2020 (Four Days), No. of Students benefited – 55.
2. **Online Training On Electrophoresis**, conducted by Dr. S. Mohamed Hussain, Assistant Professor of Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 09-07 -2020 (One Day), No. of Students benefited – 56.
3. **Online Training Programme on Student Projects in Life Sciences**, on **23-08-2020**, conducted by Dr. L. Rajasekaran, Assistant Professor of Physics, Arignar Anna Government Arts College, Cheyyar, No. of Students benefited – 44.
4. **Online Training Programme on Poultry Farm Management**, conducted by Dr. P. Sekar, Assistant Professor, Dept. of Zoology, Hans Rover College, Perambalur. on 29-10-2020, No. of Students benefited -41.
5. **Online Training Programme on Biostatistical application in Biological Science**, conducted by Dr. A. Balasundaram, Assistant Professor, Department of Zoology, Periyar E.V.R. College (Autonomous), Tiruchirappalli, on 27-11-2020, No. of Students benefited – 35.



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3.3 Innovation Ecosystem

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Exhibition/Seminar/Training courses

(i) Department of Botany

1. National Level Workshop on Bio Python Collaborated with Spoken Tutorial IIT Bombay on 29th and 30th May 2020 (2 days)
2. International Webinar Lecture Series on "Biological Sciences" from 06.07.2020 to 08.07.2020 (3 days)
3. National Webinar Lecture Series on "Biosciences" from 13.07.2020 to 15.07.2020 (3 days).
4. Training Programme on "Collection, Identification, Labelling and Preservation of Biological Specimens" was conducted by the P.G. & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli on 19.12.2020 (for Supporting Staff)
5. Training Programme on "Chemical Preparations (Acids, Bases, Buffers, fixatives and reagents)" was conducted by the P.G. & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22.02.2021 (for Supporting Staff)
6. Training Programme on "Maintenance of Biological Equipments, Sterilization and Safety disposal of microbes" was conducted by the P.G. & Research Department of Botany, Jamal Mohamed College on 23.02.2021 (for Supporting Staff)
7. An Awareness Programme on "Academic & Research Development – Role of DBT, Government of India" was conducted by the P.G. & Research Department of Botany, Jamal Mohamed College on 17.02.2021 (from Botany, Biotechnology, Chemistry and Microbiology PG students)



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(ii) Department of Chemistry

1. Online Training Programme: Methods of Expressing Concentration on 15.05.2020.
2. Online Training Programme on Digital class room on 23.06.2020
(for faculties of all participating departments)
3. National Level Online Course On "Chemistry in Our Day-to-day Life from 04-06-2020 to 08-06-2020 (5 days)
4. State level Webinar on Strategies to identify medicinally potent compounds from plants on 17-06-2020.
5. Online Training Programme on Water Treatment Using Polymer Based Materials on 25-07-2020.
6. International Conference on Chemical and Environmental Research (ICCER – 2020) on 12-11-2020.
7. Interdisciplinary Training Programme on Laboratory safety and First Aid Protocols were conducted by the PG & Research Department of Chemistry, Jamal Mohamed College on 16-12-2020 (for Supporting Staff of all participating departments).



(iii) Department of Mathematics

1. Online Course on Quantitative Aptitude from 24-04-2020 to 02-05-2020 (9 days)
2. Faculty Development Programme on Data Science using R Programming and GEO GEBRA in association with Spoken Tutorial, IIT Bombay from 11-05-2020 to 14-05-2020 (4 day)
3. National Level Webinar on "Indian Science: COVID 19 Scenario" on 29.05.2020.
4. International Online Faculty Development Programme on Pure and Applied Mathematics from 11-06-2020 to 17-06-2020 (7 days)
5. Online Faculty Improvement Programme on Advances in Linear Algebra and Differential Equations from 09-07-2020 to 10-07-2020 (2 days)



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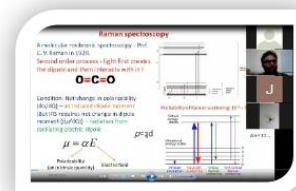
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6. Training Programme on Basic Concepts in Real Analysis on 6th & 7th January 2021 (2 Days)
7. Training Programme on Algebra and its applications 8th & 9th January 2021 (2 Days)
8. Online Aptitude test in view of National Mathematics Day on 22-01-2021.
9. Faculty Development Programme on Algebra and Analysis from 09-02-2021 to 11-02-2021 (3 days)
10. Virtual Short Term Training Program on Data Science and Statistical Applications in Association with Department of Statistics, Bharathiar University, Coimbatore from 15.03.2021 to 22.03.2021 (8 days)

(iv) Department of Physics

1. Online Faculty Development Programme on C and C++ in association with Spoken Tutorial, IIT Bombay from 27-05-2020 to 30-05-2020 (4 days).
2. Summer Online Training Programme on LATEX organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 15-06-2020 to 19-06-2020 (5 days).
3. Vocational Training on Telecom Technologies organized by the Bharath Sanchar Nigam Limited (BSNL), Tiruchirappalli from 22-06-2020 to 26-06-2020 (5 Days).
4. Online Programme on Skill Development using Learning Assistance Tools organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 13-07-2020 to 17-07-2020 (5 days).
5. Online Faculty Development Programme on Spectroscopic Techniques organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 03-08-2020 to 05-08-2020 (3 days).
6. Online Faculty Development Programme on Teaching, Learning and Evaluation in the Digital Era organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 17-08-2020 to 19-08-2020 (3 days).




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Criterion III Research, Innovations & Extension

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7. Online Faculty Development Programme on Condensed Matter Physics organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 19-10-2020 to 21-10-2020 (3 days).

8. Online Faculty Development Programme on Astrophysics organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli from 11-11-2020 to 12-11-2020 (2 days).

9. Training Programme on Electrical Safety and Laboratory Instruments Maintenance and Servicing organized by the PG & Research Department of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 09-02-2021 (for Supporting Staff).



(v) Department of Zoology

1. Online Summer Training Course on Advances in Life Sciences from 29.3.2020 to 18.4.2020 (21 days)

2. International Conference- Challenges to Environment and Health from 18.11.2020 to 19.11.2020 (2 days)

3. Training Programme on Solution Preparation and Glassware Handling conducted by the PG & Research Department of Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 29.12.2020 (for Supporting Staff).



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Outreach activities (Popular lectures)

(i) Department of Botany

1. Hand sanitizer prepared as per WHO standard and 40 liters hand over to Trichy Police Department on 31.03.2020, which was appreciated by the Assistant Commissioner of Police, Trichy city.
2. Virtual training on Herbarium Techniques for School teachers on 29.08.2020 (Beneficiaries - 21 School teachers from nearby Tiruchirappalli).
3. Online programme on Season Watch for School teachers on 05.09.2020 (Beneficiaries - 25 School teachers from nearby Tiruchirappalli).
4. Offline awareness programme on Traditional Knowledge Documentation for School teachers on 19.12.2020 (Beneficiaries - 34 School teachers from nearby Tiruchirappalli).



(ii) Department of Chemistry

1. Hand sanitizer prepared as per WHO standard and 40 liters hand over to Trichy revenue Department on 31.03.2020.
2. Two days Training Programme on Production of domestic products for women members of Gundur village of Tiruchirappalli, held from 20.02.2021 to 21.02.2021 (Beneficiaries - 70 women).



Dr. A. SHAJAHAN, M.Sc., M.Phil., Ph.D.
Dean of Research and Consultancy
Coordinator of DBT Star College Scheme &
Associate Professor of Botany,
Jamal Mohamed College (Autonomous),
Tiruchirappalli - 620 020.

Dr. S. ISMAIL MOHIDEEN
Principal
Jamal Mohamed College
Tiruchirappalli-620 020

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

(iii) Department of Mathematics

1. COVID-19 awareness program on 24.03.2020
(Beneficiaries phamblents were distributed to 1000 people).
2. Online programme on What to pursue after Twelfth? from 29.06.20 to 21.07.2020. (Beneficiaries – 800 School students)
3. Online program on Applications of Matrices on 03.10.2020 to the HSS teachers (Beneficiaries – 150 School teachers)
4. Science Quiz for Higher Secondary School students on 25.02.2021 (Beneficiaries – 62 School students)



(iv) Department of Physics

1. Online program on Awareness About Solar Eclipse, 21.6.2020. (Beneficiaries – 52 students)
2. Online program on Role of Meteorites in the Solar System on 30.06.2020 (Beneficiaries-118 School teachers)
3. Online program on Constructive Use of Nuclear Power on 30.08.2020. (Beneficiaries – 53 Students)
4. Online program on The Great Conjunction of Jupiter and Saturn- An event after 397 years on 20.12.2020. (Beneficiaries – 84 Students)



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(v) Department of Zoology

1. Online program on Essentials of Values and Ethics in the Post Covid Era on 25.08.2020 (Beneficiaries - 32 School teachers)
2. Online program on Virtual Classroom -Need of the hour to on 27.08.2020 (Beneficiaries - 21 School teachers)
3. Online program on Ornamental Fish culture on 13.02.2021 (Beneficiaries -50 School teachers)
4. Offline awareness programme Vermiculture and Composting on 21.02.2021 (Beneficiaries - 21 School teachers)



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College mentored to apply for DBT Star College Grants

- Dr. A. Shajahan, Coordinator, DBT Star College Scheme, Jamal Mohamed College, Tiruchirappalli, mentored to Vivekananda college, Thiruvengadam, Madurai, for apply DBT Star college scheme.
- Dr.M. Syed Ali Padusha, Additional Coordinator, DBT Star College Scheme, Jamal Mohamed College, Tiruchirappalli, mentored to Marudhar Kesari Jain College for Women, Vaniyambadi, Tirupattur, for apply DBT Star college scheme.

VIVEKANANDA COLLEGE
College with Potential for Excellence
(Residential & Autonomous - A Gurukula Institute of Life - Training)
Re-accredited (3rd Cycle) with 'A' Grade (CGPA 3.59 out of 4.00) by NAAC
Affiliated to Madurai Kamaraj University
Managed by Sri Ramakrishna Tapovanam, Tirupparatturali

TIRUVEDAKAM WEST - 625 234 SHOLAVANDAN (Via), MADURAI D., TAMIL NADU.

Dr. T.Venkatesan, M.Com., B.Ed., M.Phil., PGDCA, Ph.D.,
Principal
Mobile: 9442863626

Website: www.vivekanandacollege.ac.in
Email: principal@vivekanandacollege.org

04543-258234
258334
Fax: 04543-258358

Certificate of Appreciation

This is to certify that Dr. A. Shajahan, Coordinator of DBT Star College Scheme, Jamal Mohamed College, Tiruchirappalli offered consultancy on gratis towards preparation of Proposal for DBT Star College Scheme for our college during June 2020. His guidance is highly appreciable.

Date: 15-04-2021

PRINCIPAL

Marudhar Kesari Jain College for Women
(A Project of Sri Marudhar Kesari Jain Trust)
Approved by Govt. of Tamilnadu - Permanently Affiliated to Thiruvalluvar University
Re - Accredited by the NAAC with 'A' Grade - An ISO 9001:2015 Certified Institution

Date: 25.03.2021

To
Dr. Syed Ali Padusha,
Associate Professor of Chemistry,
Jamal Mohamed College
Tiruchirappalli - 620020.

Respected Sir,

Greetings from Marudhar Kesari Jain College for Women.

With all due respect, we would like to express our gratitude for your presence in our discussion on Star College Scheme. We would like to convey our gratefulness towards you to the ideas given to apply Star College Scheme to our institution on 25/03/2021 to the greater level by your provoking ideas to the faculties. You produced one of the most valuable support to our college.

Thank you for truly helpful ideas. We hope you can join us in future. Thank you once more for your contribution.

With Regards,

PRINCIPAL
Marudhar Kesari Jain College
for Women
Vaniyambadi - 635 751.

Marudhar Nagar, Chinnakkalpalli, Vaniyambadi - 635 751, Tirupattur District, Tamil Nadu, India
Phone : 04174 - 224300 / 225300 Fax : 04174 - 227027
E-mail : principal@mkjc.in Website : www.mkjc.in

Dr. A. SHAJAHAN, M.Sc., M.Phil., Ph.D.
Dean of Research and Consultancy
Coordinator of DBT Star College Scheme &
Associate Professor of Botany,
Jamal Mohamed College (Autonomous),
Tiruchirappalli - 620 020.

Dr. S. ISMAIL MOHIDEEN
Principal
Jamal Mohamed College
Tiruchirappalli-620 020

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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UBA- Community Orientation Activities

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in association with Indian Overseas Bank, JMC Branch, Trichy, cordially

conducted for the observance of **“Vigilance Awareness Week 2021”** through an essay contest for students on the title of **“Independent India @ 75: Self Reliance with Integrity”** on 1st November, 2021 (Monday) at 10.30 a.m. There were over 75 students who participated and benefited from this essay contest.



The programme was hosted and co-ordinated by Dr. K. Sheik Fareeth, Assistant Professor of Social

Work and project co-ordinator of Unnat Bharath Abhiyan Cell, Jamal Mohamed College, Tiruchirappalli-20.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy (No.35832), in association with Indian Overseas Bank, JMC Branch, Trichy, cordially conducted the observance of “Vigilance Awareness Week 2021” and has taken the Pledge



for “Integrity Pledge for Citizens” on 1st November, 2021 (Monday) from 10.30 a.m.



to 11.30 a.m. in front of the Department of Mathematics, Jamal Mohamed College, Tiruchirappalli-20.

The members of the management committee of Jamal Mohamed College, the Chief Manager of Indian Overseas Bank, the Principal and Vice-Principal, Member and Honorary Director, the Director of Hostel Administration, the Co-ordinator of the Department of Social Work, the Head of the Department of Mathematics, and other staff and students of Jamal Mohamed College, Tiruchirappalli-20, who participated and took part in the pledge.

JAMAL MOHAMED COLLEGE (Autonomous)			
College with a Chapter for Extension			
Affiliated to Bharathidasan University			
UNNAT BHARAT ABHIYAN CELL (UBA)			
In association with			
Indian Overseas Bank, JMC Branch, Trichy			
TIRUCHIRAPPALLI - 620 020			
01.11.2021			
List of Participants in Pledge on the			
Observance of Vigilance Awareness Week			
S.No.	Name	Designation	Signature
1	Dr. B. R. Nagarajan	Chief Manager	[Signature]
2	Dr. S. S. S. S. S. S.	Principal	[Signature]
3	Dr. K. K. K. K. K.	Asst. Secretary	[Signature]
4	Dr. K. K. K. K. K.	Director	[Signature]
5	Dr. K. K. K. K. K.	Director	[Signature]
6	Dr. D. D. D. D. D.	Co-ordinator MSW	[Signature]
7	Dr. M. M. M. M. M.	Asst. Secy to Govt.	[Signature]
8	Dr. A. A. A. A. A.	Lecturer	[Signature]
9	Mr. M. M. M. M. M.	Foreman	[Signature]
10	Dr. V. V. V. V. V.	Program Officer	[Signature]
11	Dr. R. R. R. R. R.	Associate Prof.	[Signature]
12	Dr. S. S. S. S. S.	Asst. Professor	[Signature]
13	Dr. P. P. P. P. P.	Asst. Secy to Govt.	[Signature]
14	Dr. M. M. M. M. M.	Associate Prof.	[Signature]
15	Dr. K. K. K. K. K.	Associate Prof.	[Signature]
16	Dr. S. S. S. S. S.	Associate Prof.	[Signature]

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

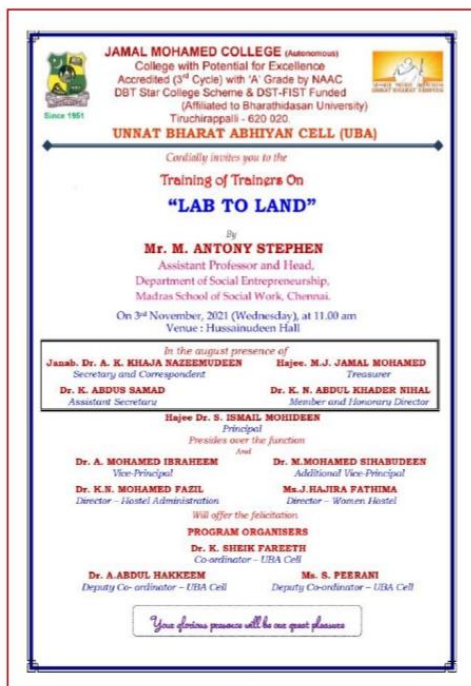
3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College has organized a

programme entitled “Training of Trainers” on “Lab to Land” on 3rd November, 2021 in the Hussainudeen Hall at 11.30 a.m.

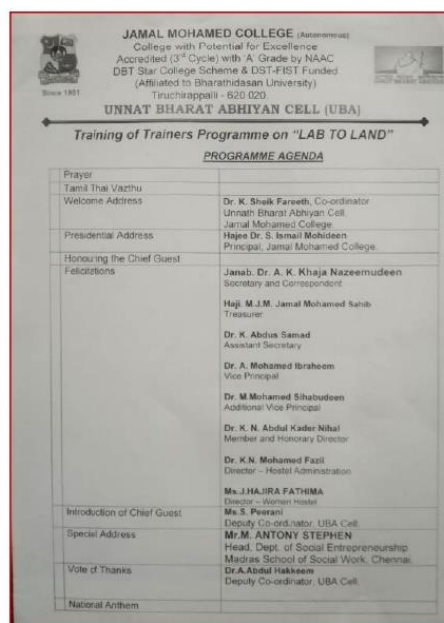
The programme began with a prayer by Dr.H.Mehaboob Ali Khan, Assistant Professor, Department of Arabic. Following that all stood for Tamil Thai Vazthu. Subsequently, a warm welcome was given by Dr. K. Sheik Fareeth, Co-Ordinator, Unnath Bharat Abhiyan Cell, Jamal Mohamed



College.

The Principal of Jamal Mohamed College, Hajee Dr. S. Ismail Mohideen, gave his Presidential address and highlighted the importance of the Unnat Bharat Abhiyan Cell activities to bolster the village community adopted by the college.

The Chief Guest of the programme was honoured and adorned with a shawl by our college Principal. Mrs. S. Peerani, Deputy Coordinator of UBA Cell, introduced the



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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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Programme's Chief Guest Mr. M. Antony Stephen, Head, Dept. of Social Entrepreneurship, Madras School of Social Work, Chennai. He was highlighted for his role in updating the UBA as a Master Trainer Facilitator.

The Chief Guest presented a special address and described the objectives and goals of the Unnat Bharat Abhiyan Cell to the participants. Both first years UG and PG Tutors attended the programme. The speaker shared his profound knowledge on the topic

S.No	Name(s)	Department	Tutor/Placement Officer	UG/PG	Whatsapp Number	Signature
1	K. S. VAAHEEDHA KARTHEEN	Computer Science	Tutor	PG	9442872339	[Signature]
2	K. SULTANA	Computer Applications	Tutor	PG	98653 90145	[Signature]
3	Dr. P. DHANALAKSHMI	Zoology	Tutor	UG	9443303441	[Signature]
4	Dr. A. SATHIA ALPHINA	Commerce	Placement Officer	UG	63 2062 3475	[Signature]

and emphasized the importance of the educational institution's service reaching the adopted villages. In addition, the participants were fully interacted with the possible steps that could be taken to stimulate young

minds to think in more innovative ways. All participants committed themselves to bring about the effects of UBA among the students.

Dr. A. Abdul Hakkeem, Deputy Co-ordinator, Unnat Bharat Abhiyan Cell, concluded the programme with a vote of thanks. On the whole, the programme ended with a grand success with the Master of Ceremonies done by Mrs. S. Saheedha Banu, Assistant Professor of English, and Dr. N. Reehanaa, Assistant Professor of Micro Biology. Finally, the program was concluded with National Anthem.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized an awareness programme entitled **“Awareness Programme on Health and Hygiene”** on **17th December, 2021**, in the Government Primary School of the Gandhi Nagar area of Nagamangalam, Trichy at **10 a.m.** The event was headed by Mrs. T. Chitra, Headmistress, Mr. R. Ganesamoorthy and Mr. C.K.Vijayalkasmi, Teachers of the Government Primary School of Gandhi Nagar area of Nagamangalam, Trichy.



Dr. A. Asarar Ahmed, Assistant Professor of Chemistry and Mr. J. Azad Mohamed, Assistant Professor of English, Jamal Mohamed College, Trichy took part in the Programme as the Chief Guests and delivered a special

address on Health and Hygiene. He advised and explained the importance of hygiene to students on how to be healthy and hygienic in today's world and also gave the practice of

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Criterion III Research, Innovations & Extension

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washing hands in the proper way. There were 170 students who gained knowledge on being healthy who benefited from this programme.

The event was hosted and co-ordinated by Dr.K.Sheik Fareeth, Assistant Professor of Social Work and project co-ordinator of Unnath Bharath Abhiyan Cell, Jamal Mohamed College, Tiruchirappalli-20.



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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized an awareness programme entitled “Fire and Defensive Procedure



Awareness” on 17th December, 2021

in the Government Primary School, M.G.R. Nagar area of Nagamangalam, Trichy at 2.30 P.M.

The event was headed by Mr. Muthusamy, Headmaster,

Government Primary School, M.G.R. Nagar and Mrs.V.Alamelu Assistant head master of Government Primary School, M.G.R. Nagar area of Nagamangalam, Tiruchirappalli.

Mr.vivegananthan and Mr.S.Karunakaran District Officer of the Department of Fire and Rescue Department, Dr.M.K.Abdul Khafoor Head of Uyir Kakkum Karangal, Tichy and Tamil Nadu Government 108 Service centre took part in the Programme as the chief guests and delivered a special address on awareness about fire and defensive procedure. They also allowed the students get to know the facilities inside the ambulance and also made them to know the first aid procedures that have to done inside the ambulance. The students around 150 who were not aware of those safety measures in fire accidents and the facilities inside the ambulance got benefitted through this programme.



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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled **“Game Activity for School Students”** on **17th December, 2021**, in the Government Primary School, Gandhi Nagar area of Nagamangalam, Trichy, at **2.30 P.M.** The event was headed by Mrs. T. Chitra, head mistress, Government Primary School, Gandhi Nagar, Trichy and Mr. U. Sriram, manager of Vishnu Finance, who distributed prizes to those who won in the game. There were 70 students who benefited from this programme.



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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work,



organized a programme entitled “Educational Scheme” on 17th December, 2021, in the Community Hall, M.G.R. Nagar area of Nagamangalam, Trichy, at 6.00 P.M.

The event was headed by Mrs.

K. Sarojini Kanagaraj, Panchayat counsellor of Nagamangalam, Trichy, Ms. A. Suganya, and Mrs. D. Kalaiselvi, Member of the Tamil Nadu Urban Habitat Development Board, Trichy.

Dr. B. Sirajudeen, Assistant Professor, Department of Tamil, Jamal Mohamed College, Trichy, took part in the programme as chief guest and delivered a special address on awareness about the educational and welfare schemes of the government. He speech about the scheme that had



implemented by the government of Tamil Nadu and asked every parents to raise up their children with education and insisted them provide education for their children and it created a huge impact among the students and also the people. There were 60 students and more than 150 people who benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work,



conducted a survey “Study on emotional intelligence” among people on 17th December, 2021, at 10.30 a.m. in the Kurinji and Mullai streets of Nagamangalam village in Tiruchirappalli

District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 50 respondents in the study area. This questionnaire consists of 45 questions which indicate the people’s survival. The people were interacted a lot of things they facing everyday with the trainees. The trainees noted all the things made them to answer for the questionnaire.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**A study on family environmental scale**” among people on **17th December, 2021**, at **12.30 p.m.** in the Mullai streets of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 72 respondents in the study area. The questionnaire consisted of 90 questions about the family environment scale were given to the people. The people were interacted with the trainees about their family environment and it made the trainees to make up on a survey.



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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**Role of Microfinance in capacity of Rural Women SHG**” among self help group women on **17th December, 2021**, at **2.30**

p.m. in the Periyaar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 17 respondents in the study area.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey and Training programme on “**Cognitive Skill Training**” among students on **18th December, 2021**, at **2.30 p.m.** in the Panchayat Union Middle School, Periyar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 146 respondents in the study area.



Mr. Muthusamy, Head master, Panchayat Union Middle School, Periyar Nagar of Nagamangalam village in Tiruchirappalli District delivered the presidential address. Cognitive skill trainer namely Mr. Tamilselvan, guide at training institute taught the skills to students for solving maths and it's easiest way and also students learnt the functions of both left and right brain. The students were made to solve the problems with the skills taught and the students of class VI, VII and VIII were benefitted through this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey and Training programme entitled **“Training programme for Manufacturing Household products (People’s Entrepreneurship)”** among women on **18th December, 2021**, at **3.30 p.m.** in the Tamil Nadu Urban Habitat Development



Board, Periyar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 70 respondents in the study area. DR. R.Abdul Vahith, Assistant Professor of

Chemistry, Jamal Mohamed college, Trichy-20 had took part as a chief guest and he explained to women about the manufacturing household products like phenyl, soap and detergent powder for their own use/for the business. Many self help group people and also the community people learnt about making it and they gave feedback on how useful it was for their survival, around 70 women got benefitted through this programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled “Awareness Program on Students’ Welfare” on 18th December 2021, in the Panchayat Union Middle School, M.G.R. Nagar area of Nagamangalam, Trichy, at 2.00 P.M. The event was headed by Mr. Muthusamy, headmaster, Government Primary School, M.G.R. Nagar, and Mrs. V. Alamelu, Assistant Head Master of Government Primary School, M.G.R. Nagar, Tiruchirappalli. Mr. S. Subaraman, Psychiatric counsellor, Trichy, took part in the



programme as the chief guest and delivered a special address on awareness about mental wellbeing and students’ welfare. He said that the welfare service advance the balanced growth and development of the

young, foster of culture of caring and positive interaction in the community. The problems and issues include students’ health, working and study environment, diversity, equal treatment. He advised these issues had to be resolved by the environment. This made an impact among the students and more than 85 students who benefited from this programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled “PuthuyugamPadaippom” on 18th December 2021, in the Tamil Nadu Urban

Habitat Development Board, Periyar Nagar area of Nagamangalam, Trichy, at 5.30 P.M.

The event was headed by Mr. G. Vellaisamy, panchayat union Chairman of Nagamangalam, and Mrs. K. Sarojini Kanagaraj, Panchayat counsellor of Nagamangalam, Trichy. Mr. M. Barathimohan, Co-ordinator of Khajamali Ladies Association, Trichy, took part in the programme as the chief guest and delivered a special address on awareness about mental wellbeing and students’ welfare. Mr. P. Lenin and Mr. S. Gandhi, social workers of Khajamali Ladies Association in Trichy created awareness about PuthuyugamPadaippom through cultural programmes. They spoke about the causes of addiction for alcohol and how people suffer due to the addiction for alcohol. The community people were highly affected by the problem of addiction to alcohol. Mr. P. Lenin and Mr. S. Gandhi had created a dramatic exposure by singing an awareness song. This made the people to entertain and also made aware of de-addiction. There were 300 people who benefited from this programme.



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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**Study Habit Inventory Questionnaire**” among people on **18th December 2021**, at **3.00 p.m.** in the Periyar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I-year M.S.W. student had collected the data from 64 respondents in the study area.



The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**A Study on alcoholism & its related problem**” among people on **18th December 2021**, at **4.30 p.m.** in the Gandhi Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 25 respondents in the study area.



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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**A Study on alcoholism & its related problem**” among people on **18th December, 2021**, at **4.30 p.m.** in the Periyar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 62 respondents in the study area.



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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI – 620 020

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey

“Students General Health Questionnaire” among students on 18th

December 2021, at 4.30 p.m. in the

Periyar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-year M.S.W. students had collected the data from 120 respondents in the study area. The questionnaire consisted of 45 questions that determine the students’ general health. Each student was given the questionnaire. Thus, a sum of 120 questions was filled up by the students.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Ummat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled “Awareness Program on Omicron” on 19th December, 2021 in the Gandhi Nagar area of Nagamangalam village, Trichy, at 10 a.m. The event was headed by Mr. Arputharaj, ex-Panchayat Union president of Nagamangalam, and Mr. M. Raji, ex-Assistant Panchayat Union President of Nagamangalam, Trichy.



Mr. R. Gopikrishnan, Health Inspector of Nagamangalam Panchayat, Trichy, participated in the programme as a chief guest, delivering a special address and raising awareness about Omicron among the Nagamangalam Panchayat residents. The community people both children and aged people enjoyed it a lot. It helps the people to understand the causes of omicron and also got to know the precaution steps to be followed in the pandemic period. It enhances the observation skills and also made huge responses from the people. This method of creating awareness is most appreciated by people and more than 177 people who benefited from this programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled **“Freshwater Aquaculture Training (People’s Entrepreneurship)”** on **19th December, 2021** in the Tamil Nadu Urban Habitat Development Board, Periyar Nagar area of Nagamangalam village, Trichy, at **10 a.m.**



The event was headed by Mr. P. Chandra, Chairman of the Panchayat Committee Federation, Mr. R. Manimegalai, Treasurer of the Panchayat Committee Federation, and Mr. A. Mangala, Secretary of the Panchayat Committee Federation, Trichy. Mr. V. Suresh, Aquarium Consultant at



Vasantham Aquarium, Tennur, Trichy and Dr. R. Krishnamoorthy, Assistant Professor of Zoology, Jamal Mohamed College, Trichy, took part in the programme as the chief guests and delivered a special address

and implemented freshwater aquaculture training among people’s entrepreneurship of self-help group women. They explaining about the freshwater aquaculture training among people’s entrepreneurship of self-help group women and trained the process of aquaculture and shared his experience of doing business on aquarium and also they explained the ways and benefits of it. By this several self-help group women got an idea of doing aquarium for the welfare of their family. There were 100 self-help group women who benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled “Nallathor Paniyam SamugaPani” on 19th December, 2021 in the Auditorium, Gandhi Nagar area of Nagamangalam village, Trichy, at 5.30



P.M. The event was headed by Mrs. K. Kamalam Karuppapiya, City Council Chairman of Nagamangalam Panchayat and Mrs. N. Nithya, ward member of Gandhi Nagar, Trichy. Mr. Shahul Hameed took part in the

programme as the chief guest and delivered a special address on Nallathor Paniyam SamugaPani. He spoke about the importance of social work and enhanced the social workers who were understood and striving to improve the lives of people. Social workers also help to relieve from the people’s suffering, fight for social justice and improves lives and communities. He also added that social workers can empower communities by encouraging individual to take an active role in social services and providing educational programme. Thus the programme terminated with people and then followed up by cultural events. There were more than 150 people who benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey **“A study professional quality of life”** among people on **19th December, 2021**, at **4.30 p.m.** in the Marudham Street of Nagamangalam village in Tiruchirappalli District. I and II-year M.S.W. students



had collected the data from 90 respondents in the study area. The questionnaire had 50 questions and around 70 peoples professional quality of life were taken into consideration.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work,



conducted a survey **“Self help group and empowerment of women”** among women on **19th December, 2021**, at **4.30 p.m.** in the Periyar nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I and II-

year M.S.W. students had collected the data from 45 respondents in the study area.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey **“A study on district communication, information”** among people on **19th December, 2021**, at **4.30 p.m.** in the Periyar Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I-year M.S.W. students had collected the data from 50 respondents in the study area.



The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey **“Technology and its development”** among people on **19th December, 2021** at **10.30 a.m.** in the Gandhi Nagar of Nagamangalam village in Tiruchirappalli District. The UBA Volunteer of I-year M.S.W. student had collected the data from 50 respondents in the study area.



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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled **“Mental Health Camp”** on **20th December, 2021**, at **10 a.m.** in the Tamil Nadu Urban Habitat Development Board, Periyar Nagar, Trichy. The event was headed by Mr. G. Vellaisamy, panchayat union chairman, and Mr. M. Ganesan, assistant panchayat union chairman, of Nagamangalam, Trichy.



Dr. R. Geetha, Director, Mr. G. Aravindan, Head, Mrs. S. Aruna, and Mr. B. Karan Luise, Social Workers of the Department of Social Work, Athma Hospitals, Trichy, participated in the programme as chief guests, delivered a special address, and



raised public awareness about mental health well-being. He pursued that the mental health camp serve the people of enhancing people’s awareness about mental health and offer to amend related fallacy and stigma and wrong attitude

towards mental illness and people with mental illness. He also promotes the facilities in Athma hospital which also provide ambulance facility for the mental illness people and also he along with students distributed the pamphlets regarding the drug awareness. It

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mainly focused the effects of drug usage in mental health and he also advised the community people to come out from the traditional healing and also said the mental health treatment was given and the pamphlet were distributed to people. There were 200 people who benefited from this programme.

The Ummat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work,



organized a programme entitled “Awareness on Preserving Traditional” among students on 20th December, 2021 at 10 a.m. in the Panchayat Union Middle School, M.G.R. Nagar, Trichy. The event was

headed by Mr. Muthusamy, headmaster, Government Primary School, M.G.R. Nagar and Mrs. V. Alamelu, Assistant Head Master of Government Primary School, M.G.R. Nagar, Trichy. Dr. B. Balaguru, Assistant Professor of Botany at Jamal Mohamed College in Trichy, participated in the programme as a chief guest, delivering a special address and raising awareness about the importance of preserving traditional values among students at Panchayat Union Middle School in M.G.R. Nagar. There were 150 students who benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled **“Debate on Technology in Today’s Life”** on **20th December, 2021** in the Panchayat Union Middle School, M.G.R. Nagar, Trichy, at **2.00 P.M.** The event was headed by Mr. G. Vellaisamy, panchayat union Chairman of Nagamangalam, and Mr. Muthusamy, Headmaster, Government Primary School, M.G.R. Nagar, Trichy.



Dr. A. Syed Jahir Hasan, Dean - Faculty of Arts, Associate Professor & Head of Department of Tamil, Jamal Mohamed College, Trichy took part in the Programme participated in the programme as the chief guest and delivered a special address to the students of Panchayat Union Middle School, M.G.R. Nagar, Trichy, on “Technology in Today’s Life.” There were 146 students who benefited from this programme.



As a recreational session for the community people, a debate programme had been organized in the Panchayat Union Middle School, M.G.R. Nagar, Trichy, at **2.00 P.M.** The social work students along with the students of Panchayat Union middle school were participated. The debate was led by Dr. A. Syed Jahir Hasan, Dean - Faculty of

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Arts, Associate Professor & Head of Department of Tamil, Jamal Mohamed College, Trichy. The topic given was technology in today's life. It is healthy or dangerous?. The team consisting of Mr. Prabakaran, Assistant Professor of Tamil, Mr. Mohamed Fahad from II MSW student, Mrs. Prabavathy and Mr. Alex Joel from I MSW student pursued their debate on "Technology in today's life" is dangerous. They started to explain how to today's technology making the people to be inactive in every way and also it spoils both students' health and education.



The opponent team of debate namely Dr. S. Suganeshwaran, Assistant Professor



of Tamil, Mr. Abdullah, Assistant Professor of Tamil, Mr. Safikur Rahman from I MSW and Ms. Sivaragavi from II MSW pursued on Technology in today's' life is healthy. They explained how technology is useful nowadays in online shopping, food

delivery, online payment etc. based on both side perception the head consolidated as "Technology in today's life is healthy". Thus, it went as a good session and the audience were truly enjoyed it.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Trichy, and Nal Ullangal Trust, in association with the Department of Social Work, organized a programme entitled “Rowthiram Pazhagu” on 20th December, 2021, in the Tamil Nadu

Urban Habitat Development Board, Periyar Nagar, Trichy, at 6.00 P.M. The event was headed by Dr. S. Rajeshwari and Mr. M. Rajalingam, Assistant Professors of Social Work at Jamal Mohamed College, Trichy.

Mr. M. Asraf Ali, Co-ordinator of the Children’s Emergency Care Centre, Tiruchirappalli District, took part in the programme as the chief guest and delivered a special address about Routhiram Pazhagu



among the people of Tamil Nadu Urban Habitat Development Board, Periyar Nagar, Trichy. There were 250 people who benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and



Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**Day - Day experiences**” among people on **20th December, 2021**, at **12.30 p.m.** in the Gandhi Nagar of Nagamangalam village

in Tiruchirappalli District. The UBA Volunteer of I-year M.S.W. students had collected the data from 100 respondents in the study area.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy, and

Nal Ullangal Trust, in association with the Department of Social Work, conducted a survey “**Serensen self esteem test**” among people on **20th December, 2021** at **2.30 p.m.** in the MGR Nagar of Nagamangalam village



in Tiruchirappalli District. The UBA Volunteer of I-year M.S.W. students had collected the data from 100 respondents in the study area.

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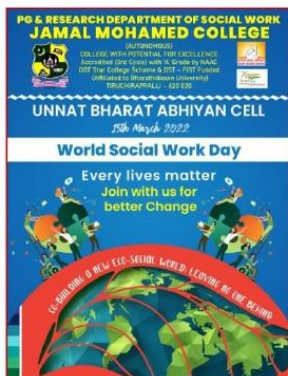


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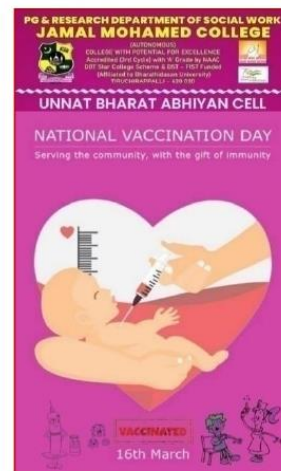


Trichy, in association with the Department of Social Work, created and launched the flyer and celebrated “**World Social Work Day**” on **15th March, 2022** at **10 a.m.** in the Department of Social Work of Jamal Mohamed College, Tiruchirappalli-20. The flyer was created by Mr. S. Machendren, UBA Volunteer of I year MSW student, with the

slogan “**Every lives matter join with us for better change**”.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),

Trichy, in association with the Department of Social Work, created and released a flyer and celebrated “**National Vaccination Day**” on **16th March, 2022** at **10.30 a.m.** in the Department of Social Work of Jamal Mohamed College, Tiruchirappalli-20. The flyer was created by Mr. N. Rajesh kumar, UBA Volunteer of I year MSW student, with the slogan “**Serving the Community, with the gift of Immunity**”.



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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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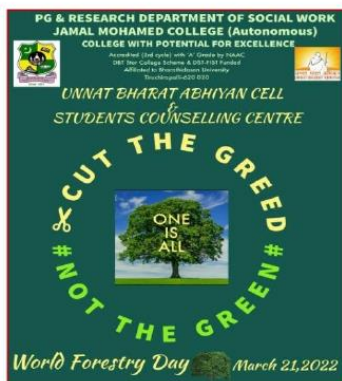
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Criterion III Research, Innovations & Extension

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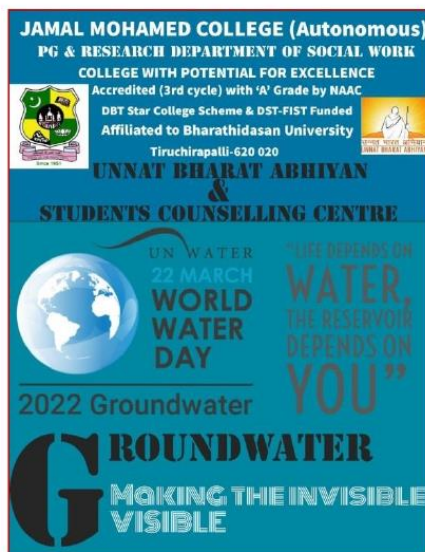


Trichy and Students Counselling Centre in association with the Department of Social Work, created and released a flyer and celebrated “World Forestry Day” on **21st March, 2022** at **10.30 a.m.** in the Department of Social Work of Jamal Mohamed College, Tiruchirappalli-20.

The flyer was created by Ms. B. Sivasankari, UBA Volunteer of I year MSW student, with the slogan “**Cut the Greed and not the Green**”.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),

Trichy and Students Counselling Centre in association with the Department of Social Work, created and released a flyer and celebrated “World Water Day” on **22nd March, 2022** at **10.30 a.m.** in the Department of Social Work of Jamal Mohamed College, Tiruchirappalli-20. The flyer was created by Ms. B. Sivasankari, UBA Volunteer of I year MSW student, with the slogan “**Ground water making the invisible visible**”.



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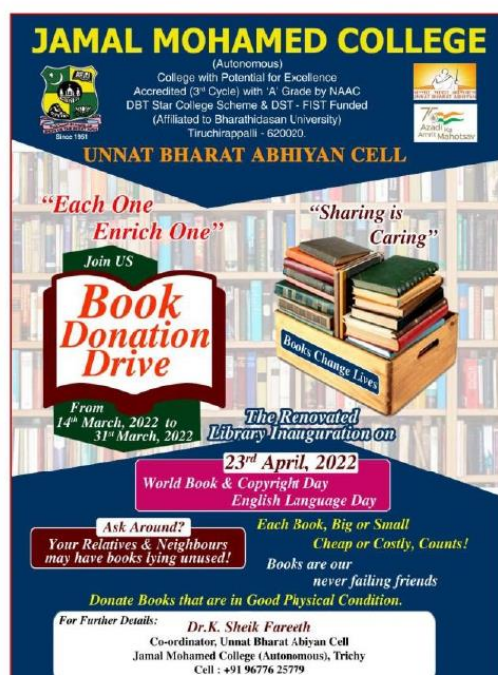
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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous) conducted a book donation drive in view of “World Book & Copyright Day” and “English Language Day” on 23rd April, 2022.

It had collected the books from various departments of Jamal Mohamed College,



Trichy, striving to renovate, re-shape, and re-construct the existing community libraries of our adopted villages, namely Olaiyur, Nagamangalam, Gundur, Mannachanallur, and Poonampaalayam. The campaign focuses on “Each One: Enrich One” by donating atleast one book.

In this connection, all the students and staff members are asked to participate in this book donation campaign and make their contribution on or before 27.03.2022.

The flyer was created by Dr. K. Sheik Fareeth, Co-ordinator, of Unnath Bharath Abhiyan Cell, Jamal Mohamed College, Tiruchirappalli-20.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), in association with the Department of Fashion Technology and Costume Designing, conducted the **JAMCROP** programme, and they visited the **community library and Government Elementary School** at Olaiyur on **07.04.2022** and donated **64 books** to the community library. They conducted a few sports activities and events for the students, like a Rhymes competition for 1st standard, running for 2nd standard, storytelling and identification of national emblems for 3rd standard, a musical char event for 4th standard, and drawing lessons and competition for 5th standard students.



The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous) distributed the **10 chairs** to the **government elementary school** of Olaiyur. Overall, 3 prize winners are selected and appreciated with different gifts. Finally, JAMCROP activities end with the distribution of a writing kit to all the students of the government elementary school in Olaiyur. The kids totally enjoyed the useful gifts and books. More than 60 students benefited from this programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Khajamalai Ladies Associations (KLA), Tiruchirappalli organized an awareness programme entitled **"MENTAL HEALTH"** on **23rd April, 2022** in the Government High School, Olaiyur, Tiruchirappalli, at 3 P.M. Olaiyur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

PG & RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE College with Potential for Excellence Accredited (3 rd Cycle) at 'A' Grade by NAAC (Affiliated to Bharathidasan University) TIRUCHIRAPPALLI - 620 020. In collaboration with KAJAMALAI LADIES ASSOCIATION Organize an Awareness Program On	
With the Blessings of <u>Management Committee</u> Janab M.J.Jamal Mohamed Bilal Sahib President Janab Dr.A.K.Khaja Nazemuddin, D Litt. (USA) Secretary and Correspondent Hajee M.J.Jamal Mohamed Sahib Treasurer Dr. K. Abdus Samad Assistant Secretary <u>Directors</u> Dr. K.N. Abdul Khadar Nihal Member, Honorary Director Dr. K.N. Mohamed Fazil Director-Hostel Administration Ms. J. Hajira Fathima Director - Women Hostel Dr. S. Ismail Mohideen Principal Dr. A. Mohamed Ibrahim Vice - Principal Dr. M. Mohamed Shabudeen Additional Vice-Principal Dr. D. Kumar Co-ordinator, Department of Social Work Dr. K. Sheik Fareeth Co-ordinator, Unnat Bharat Abhiyan Cell	"MENTAL HEALTH" Date: 23.04.2022 Time: 3.00 PM Venue: Govt High School, Olaiyur, (UBA CELL, JMC Adopted Village) <u>Presidential Address</u> : Mrs. M.N. Bhuvana Kalyani Headmistress Govt High School Olaiyur, Trichy - 620 021. <u>Guest Speaker</u> : Mrs. A. Shain Malika Psychiatric Counsellor Integrated Rehabilitation Centre for Addicts Khajamalai Ladies Association Kajamalai, Trichy - 620 023. <u>Felicitation</u> : Mrs. D. Uma Devi Assistant Headmistress Govt High School Olaiyur, Trichy - 620 021. Mr. M. Bharathi Mohan Project Director Integrated Rehabilitation Centre for Addicts Khajamalai Ladies Association Kajamalai, Trichy - 620 023. Mr. M. Rajalingam Assistant Professor PG & Research Department of Social Work JMC, Trichy. <u>Programme Organiser</u> Y. Prethvi Raj I-MSW PG and Research Department of Social Work Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020.

The Programme was chaired by Mrs. M.N. Bhuvana Kalyani, Headmistress, Government High School, Olaiyur, Tiruchirappalli and Mrs. A. Shain Malika, Psychiatric Counsellor, Integrated Rehabilitation for Addicts, Khajamalai Ladies Associations



(KLA), Tiruchirappalli attended the programme as a chief guest and made a point of explaining to the students about the Mental health well-being.

More than 40 Students benefited from this event.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

It was organized by Mr.Y. Prethivi Raj, I Year M.S.W. student, in consultation with Mr. M. Rajalingam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),

PG & RESEARCH DEPARTMENT OF SOCIAL WORK
UNNAT BHARAT ABHIYAN CELL
JAMAL MOHAMED COLLEGE
 College with Potential for Excellence
 Accredited (3rd Cycle) at 'A' Grade by NAAC
 (Affiliated to Bharathidasan University)
 TIRUCHIRAPPALLI - 620 020.

For collaboration with
KAJAMALAI LADIES ASSOCIATION
 Organize an Awareness Program On

"ILL EFFECTS OF ALCOHOLISM"
 Date: 26.04.2022 Venue: Time: 2.00 PM
COMMUNITY HALL, Olaiyur,
(UBA CELL, JMC Adopted Village)
 Presidential Address : **Mrs. JANSI DHIVYA SAGAYARAJ. S**
 PRESIDENT
 Olaiyur, Trichy - 620 021.
Mrs. SUTHA NEELAMAGAM. N
 VICE PRESIDENT
 Olaiyur, Trichy - 620 021.
Guest Speaker : Mrs. BANUMATHI. R
 Psychiatric Counsellor
 Integrated Rehabilitation Centre for Addicts
 Khajamalai Ladies Association
 Kajamalai, Trichy - 620 023.
Mr. Bharathi Mohan. M
 Project Director
 Integrated Rehabilitation Centre for Addicts
 Khajamalai Ladies Association
 Kajamalai, Trichy - 620 023.
Dr. SHEIK ABDUL SALAM. A
 Assistant Professor
 PG & Research Department of Social Work
 JMC, Trichy.
Programme Organiser
ASHWATH FEER FATHIMA. J
 M.S.W
 PG and Research Department of Social Work,
 Jamal Mohamed College (Autonomous),
 Tiruchirappalli - 620 020.

With the Blessings of...
Management Committee
 Janab. M. J. Jamal Mohamed Bilal Sahib
 President
 Janab. Dr. A. K. Khaja Nazamuddin, D. Litt. (USA)
 Secretary and Correspondent
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 Assistant Secretary
Directors
 Dr. R. N. Abdul Khader Nihal
 Member, Honorary Director
 Dr. K. N. Mohamed Fazil
 Director, Hostel Administration
 Ms. J. Hajira Fathima
 Director - Women Hostel
 Dr. S. Ismail Mohideen
 Principal
 Dr. A. Mohamed Ibrahim
 Vice - Principal
 Dr. M. Mohamed Sibabudeen
 Additional Vice - Principal
 Dr. D. Kumar
 Co-ordinator, Department of Social Work
 Dr. K. Sheik Fareeth
 Co-ordinator, Unnat Bharat Abhiyan Cell

Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Khajamalai Ladies Associations (KLA), Tiruchirappalli organized an awareness programme entitled "ILL EFFECTS OF ALCOHOLISM" on 26th April, 2022 in the community hall, Olaiyur, Tiruchirappalli, at 10 a.m. Olaiyur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan

Cell. The Programme was chaired by Mrs. Banumathi, Counselor of Khajamalai Ladies Associations (KLA), Tiruchirappalli and she attended the programme as a chief guest and made a point of explaining to the self-help group women about the ill effects of drinking.

More than 30 self-help group women benefited from this event. It was organized by Ms. J. Ashwath Feer Fathima, I Year M.S.W. student, in



consultation with Dr. A. Sheik Abdul Salam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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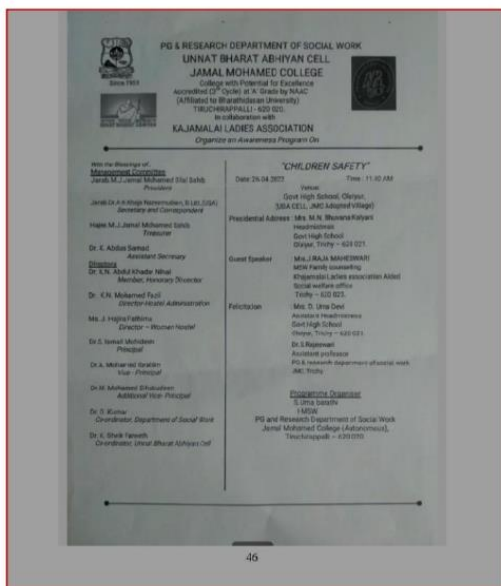


Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with



the Khajamalai Ladies Associations (KLA), Tiruchirappalli organized an awareness programme entitled “**CHILDREN SAFETY**” on **26th April, 2022** in the Government High School, Olaiyur, Tiruchirappalli, at **11 a.m.** Olaiyur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mrs. D. Uma Devi, Assistant Headmistress, Government High School, Olaiyur, Tiruchirappalli and Mrs. J. Raja Maheswari, MSW Family counseling of Khajamalai Ladies Associations Aided (KLA), Tiruchirappalli, attended the programme as a chief guest and made a point of explaining to the students about the children safety. More than 52 students benefited from this event. It was



organized by Ms. S. Uma barathi, I Year M.S.W. student, in consultation with Dr. S. Rajeswari, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



PG & RESEARCH DEPARTMENT OF SOCIAL WORK
UNNAT BHARAT ABHIYAN CELL
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TIRUCHIRAPPALLI - 620 020.



In collaboration with
KAJAMALAI LADIES ASSOCIATION
Organize an Awareness Program On

With the Blessings of...
Management Committee
Janab M.J. Jamal Mohamed Bial Sahib
President

Janab Dr. A.K. Khaja Nazimuddin, D.Lit. (USA)
Secretary and Correspondent

Hajee M.J. Jamal Mohamed Sahib
Treasurer

Dr. K. Abdus Samad
Assistant Secretary

Directors
Dr. K.N. Abdul Khadar Nihal
Member, Honorary Director

Dr. K.N. Mohamed Fazil
Director-Hotel Administration

Ms. J. Hajira Fatima
Director - Women Hostel

Dr. S. Ismail Mohideen
Principal

Dr. A. Mohamed Ibrahim
Vice - Principal

Dr. M. Mohamed Sibabudeen
Additional Vice-Principal

Dr. D. Kumar
Co-ordinator, Department of Social Work

Dr. K. Sheik Fareeth
Co-ordinator, Unnat Bharat Abhiyan Cell

"FAMILY LIFE EDUCATION"
Date: 26.04.2022 Time: 3.00 PM
Venue:
COMMUNITY HALL, Olaiyur,
(UBA CELL, JMC Adopted Village)
Presidential Address : Mrs. JANSI DHIVYA SAGAYARAJ, S
PRESIDENT
Olaiyur, Trichy - 620 021.

Guest Speaker : Mrs. ROSI, T
CASE WORKER
One stop center
Mahatma Gandhi Memorial Hospital
Trichy - 620 017.

Felicitation : Mr. Bharathi Mohan, M
PROJECT DIRECTOR
Integrated Rehabilitation Centre for Addicts
Kajamalai Ladies Association
Kajamalai, Trichy - 620 023.

Mr. Rajalingam, M
Assistant Professor
PG & Research Department of Social Work
JMC, Trichy.

Programme Organiser
ELAVARASI, A
I-MSW
PG and Research Department of Social Work
Jamal Mohamed College (Autonomous),
Tiruchirappalli - 620 020.

Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Khajamalai Ladies Associations (KLA), Tiruchirappalli organized an awareness programme entitled **"FAMILY LIFE EDUCATION"** on 26th April, 2022 in the community hall, Olaiyur, Tiruchirappalli, at 3.00 P.M. Olaiyur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat

Bharat Abhiyan Cell.

The Programme was chaired by Mrs. S. Jansi Dhivya Sagayaraj, President, Olaiyur, Tiruchirappalli and Mrs. T. Rosi, Case Worker, Mahatma Gandhi Memorial Hospital, Tiruchirappalli attended



the programme as the chief guests and made a point of explaining to the self-help group women about the family life education. More than 35 self-help group women benefited from this event. It was organized by Ms. A. Elavarasi, I Year M.S.W. student, in consultation with Mr. M. Rajalingam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

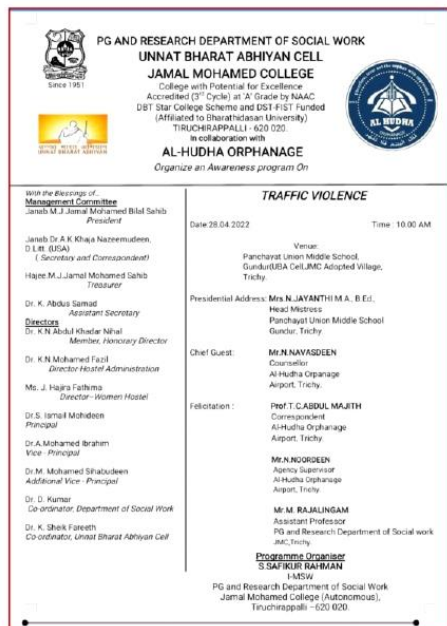
NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Al-Huda Orphanage, Tiruchirappalli organized an awareness programme entitled **"TRAFFIC VIOLENCE"** on **28th April, 2022** in the Panchayat Union Middle School in the Gundur Burma Colony area of Gundur, Tiruchirappalli, at **10 a.m.** Gundur village is one of the adopted villages by Jamal Mohamed

College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mrs. N. Jayanthi, Headmistress of Panchayat Union Middle School, Gundur Burma Colony, Tiruchirappalli



and Mr. N. Navasteen, Counsellor of Al-Huda Orphanage, attended the programme as a chief guest and made a point of explaining to the students about traffic violence. More than 30 students benefited from this event. It was organized by Mr. S. Safikur Rahman, I Year M.S.W. student, in consultation with Mr. M. Rajalingam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),

PG & RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE	
College with Potential for Excellent Accredited (3 rd Cycle) at 'A' Grade by NAAC DST Star College Scheme & DST-FIST Funded (Affiliated to Bharathidasan University) TIRUCHIRAPPALLI - 620 020.	
In Collaboration with AL-HUDHA ORPHANAGE Organize an Awareness Program On	
HEALTH AND HYGIENE	
Date: 28-04-2022 Time: 11:00 AM	
Venue: Panchayat Union Middle School, Gundur, Tiruchy.	
Presidential Address: Mrs. N. Jayanthi MA., B.Ed., Head Master, Panchayat Union Middle School, Gundur, Tiruchy.	
Chief Guest: Dr. Dowlath Alauddin, M.B.B.S., D.G.O., Consultant, Shifa Hospital, Airport, Tiruchy.	
Felicitation: Mrs. Rajeswari, M.S.W., M.Phil., Ph.D., Assistant Professor, P.G. and Research Department of Social Work, Jamal Mohamed College, Tiruchy-620020.	
Agency Supervisor: N. Noordeen, Al-Hudha Orphanage, Tiruchy.	
Girls Hostel Incharge: T.C. Abdul Majeed, Al-Hudha Orphanage, Tiruchy.	
Program Organised by Sithy Farzana I-MSW PG and Research Department of Social Work Jamal Mohamed College (Autonomous).	

Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Al-Hudha Orphanage, Tiruchirappalli organized an awareness programme entitled “HEALTH AND HYGIENE” on 28th April, 2022 in the Panchayat Union Middle School in the Gundur Burma Colony area of Gundur, Tiruchirappalli, at 11 a.m. Gundur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under

the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mrs. N. Jayanthi, Headmistress of Panchayat Union Middle School, Gundur Burma Colony, Tiruchirappalli and Dr. Dowlath Alauddin, Consultant, Shifa Hospital, attended the programme as a chief guest and made a point of explaining to the students about the health and hygiene. More than 30 students benefited from this event. It was organized by Mrs. Sithy Farzana, I Year M.S.W. student, in consultation with Dr. S. Rajeswari, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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PG AND RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE College with Potential for Excellence Accredited (3 rd Cycle) at A ⁺ Grade by NAAC DBT Star College Scheme and DST-FIST Funded (Affiliated to Bharathidasan University) TIRUCHIRAPPALLI - 620 020. In collaboration with HOLY CROSS SERVICE SOCIETY Organize an Awareness program On	
With the Blessings of: Management Committee Janab M.J.Jamal Mohamed Bilal Sahib President Janab Dr.A.K.Khaja Nazeemudeen, D.Lit.(USA) (Secretary and Correspondent) Hajee.M.J.Jamal Mohamed Sahib Treasurer Dr. K. Abdus Samad Assistant Secretary Directors Dr. K.N.Abdul Khadar Nihal Member, Honorary Director Dr. K.N.Mohamed Fazil Director-Hostel Administration Ms. J. Hajira Fathima Director-Women Hostel Dr. S. Ismail Mohideen Principal Dr. A.Mohamed Ibrahim Vice - Principal Dr. M. Mohamed Shabudeen Additional Vice - Principal Dr. D. Kumar Co-ordinator, Department of Social Work Dr. K. Sheik Fareeth Co-ordinator, Unnat Bharat Abhiyan Cell	ADOLESCENT HEALTH AND HYGIENE Date: 30.04.2022 Time: 11.00 AM Venue: Panchayat Union Middle School, Gundur(UBA Cell, JMC Adopted Village) Trichy. Presidential Address: Mrs.N.JAYANTHI M.A., B.Ed., Head Mistress Panchayat Union Middle School Gundur, Trichy. Chief Guest: Mrs.T.LUCY GRACE Nurse Educator Kavery Hospital Tennur, Trichy. Felicitation: Prof.Dr.S.Prabhakar Immanuel Executive Director Holy Cross Service Society Trichy. Ms.S.Kayalvizhi Educational Psychologist Speech And Language Development Therapist Holy Cross Service Society Trichy. Dr.A.Shek Abdul Salam Assistant Professor PG and Research Department of Social work JMC,Trichy. Programme Organiser ANISHATH HMSW PG and Research Department of Social Work Jamal Mohamed College (Autonomous), Tiruchirappalli -620 020.

Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Holy Cross Service Society, Tiruchirappalli organized an awareness programme entitled “**Adolescent Health and Hygiene**” on **30th April, 2022** in the Panchayat Union Middle School in the Gundur Burma Colony area of Gundur, Tiruchirappalli, at **11 a.m.** Gundur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under

the Unnat Bharat Bharat Abhiyan Cell.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Programme was chaired by Mrs. N. Jayanthi, Headmistress of Panchayat Union Middle School, Gundur Burma Colony, Tiruchirappalli and Mrs. T. Lucy Grace, Nurse Educator, Kauvery Hospital, attended the programme as a chief guest and made a point of explaining to the students about the adolescent health and hygiene. More than 30 students benefited from this event. It was organized by Mrs. A. Nishath, I Year M.S.W. student, in consultation with Dr. A. Sheik Abdul Salam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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TIRUCHIRAPPALLI - 620 020

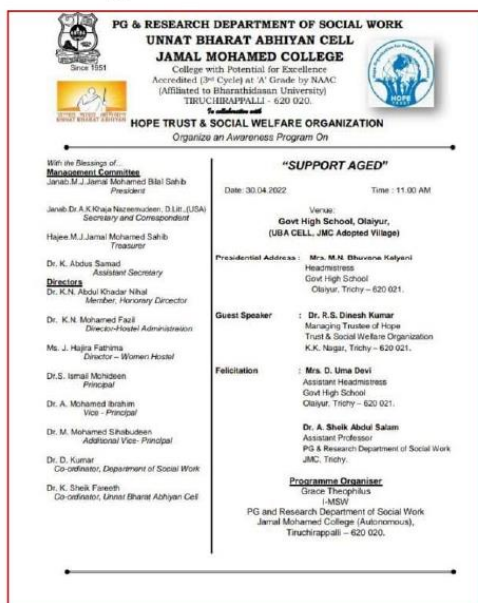
NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with



the Hope Trust & Social Welfare Organization, Tiruchirappalli organized an awareness programme entitled “**SUPPORT AGED**” on **30th April, 2022** in the Government High School, Olaiyur, Tiruchirappalli, at **11 a.m.** Olaiyur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mrs. M.N. Bhuvana Kalyani, Headmistress, Government High School, Olaiyur and Dr. R.S. Dinesh Kumar, Managing Trustee of Hope Trust & Social Welfare Organization, K.K. Nagar, Trichy-21 attended the programme as a chief guest and made a point of explaining to the students about the support aged. More than 32 students benefited from this event. It was organized by Ms. Grace Theophilus, I Year M.S.W. student, in consultation with Dr. A. Sheik Abdul Salam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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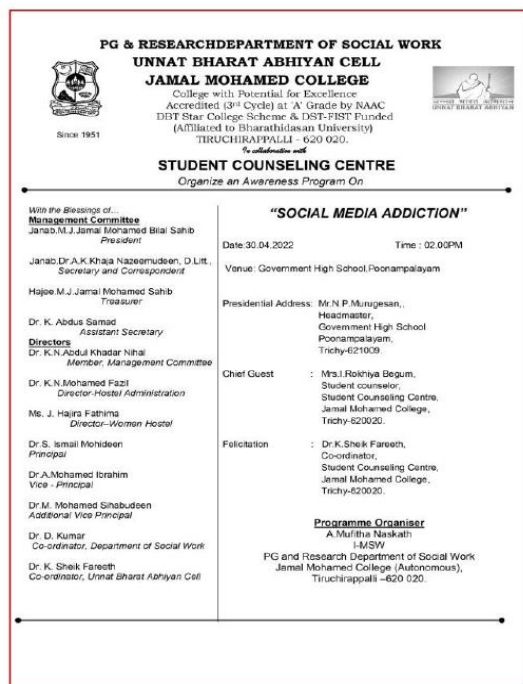
NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with



the Student Counseling Centre of Jamal Mohamed College (Autonomous), Tiruchirappalli, organized an awareness programme entitled “SOCIAL MEDIA ADDICTION” on 30th April, 2022 in the Government High School, Poonampalayam, Tiruchirappalli, at 2.00 P.M. Poonampalayam village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mr.N.P.Murugesan, Headmaster, Government High School, Poonampalayam, Tiruchirappalli and Mrs.I.Rokhiya Begum, Student counselor, Student Counseling Centre, Jamal Mohamed College, Tiruchirappalli attended the programme as a chief guest and made a point of explaining to the students about the physical and mental health issues of

social media addiction. More than 41 students benefited from this event. It was organized

by Ms. A. Mufitha Naskath, I Year M.S.W. student, in consultation with Dr. K. Sheik Fareeth, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Student Counseling Centre of Jamal Mohamed College (Autonomous), Tiruchirappalli, organized an awareness programme entitled **"HEALTH AND HYGIENE"** on **30th April, 2022** in the Government High School, Poonampalayam, Tiruchirappalli, at **3.00 P.M.** Poonampalayam village is one of the adopted villages by Jamal

Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mr.N.P.Murugesan, Headmaster, Government High School, Poonampalayam, Tiruchirappalli and Mrs.I.Rokhiya Begum, Student counselor, Student Counseling Centre, Jamal Mohamed College, Tiruchirappalli



attended the programme as a chief guest and made a point of explaining to the students about the health and hygiene. More than 34 students benefited from this event. It was organized by Ms. B. Siva Sankari, I Year M.S.W. student, in consultation with Dr. K. Sheik Fareeth, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

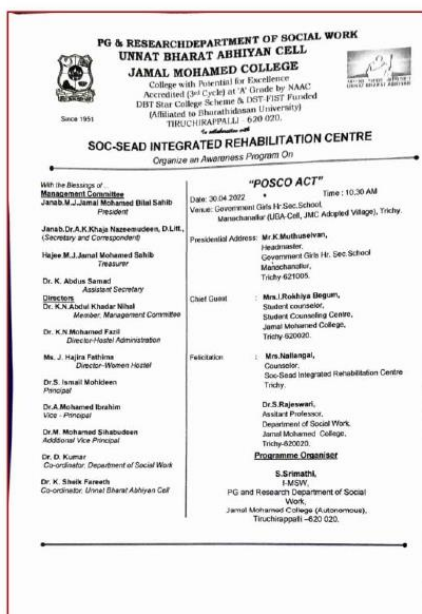
NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Soc-Sead Integrated Rehabilitation Centre, Tiruchirappalli, organized an awareness programme entitled “POCSO ACT” on 30th April, 2022 in the Government Girls Higher Secondary School, Manachanallur, Tiruchirappalli, at 3.00 P.M. Manachanallur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the

Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mr.K.Muthuselvan, Headmaster, Government Girls Higher Secondary School, Manachanallur, Tiruchirappalli and Mrs.I.Rokhiya Begum, Student



counselor, Student Counseling Centre, Jamal Mohamed College, Tiruchirappalli attended the programme as a chief guest and made a point of explaining to the students about the benefits of POCSO Act. More than 56 students benefited from this event. It was organized by Ms. S.Srimathi, I Year M.S.W. student, in consultation with Dr.S.Rajeswari, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),

 PG & RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE College with Potential for Excellence Accredited (3 rd Cycle) at 'A' Grade by NAAC DBT Star college scheme/DST-FIST Funded (Affiliated to Bharathidasan University) TIRUCHIRAPPALLI - 620 020. REHABILITATION CENTER FOR BLIND WOMEN Organize an Awareness Program On	
With the Blessings of... Management Committee Janab M.J. Jamal Mohamed Bilal Sahib President Janab Dr. A.K. Khaja Nazemudeen D.Lit. (USA) Secretary and Correspondent Hajee M.J. Jamal Mohamed Sahib Treasurer Dr. K. Abdusamad Assistant Secretary Directors Dr. K.N. Abdul Khader Nihal Member, Management Committee Dr. K.N. Mohamed Fazel Director-Hostel Administration Ms. J. Hajira Fatima Director-Women Hostel Dr. S. Ismail Mohideen Principal Dr. A. Mohamed Ibrahim Vice - Principal Dr. M. Mohamed Shabudeen Additional Vice Principal Dr. D. Kumar Co-ordinator, Department of Social Work Dr. K. Shikha Farooq Co-ordinator, Unnat Bharat Abhiyan Cell	"EDUCATION FOR SOCIAL LIFE" Date: 30.04.2022 Time: 5.00 pm Venue: Community hall, Thiruvallarpatti (UBA CELL/JMC Adopted Village) Presidential Address : Mrs. T. Lakshmi Thirumurugan , President, Gundur Panchayat, Tiruchy. Mrs. M. Boomadevi Senthikumar Vice President, Gundur Panchayat, Tiruchy. Chief Guest : Mrs. V. Sangeetha , Psychologist, Central Prison, Tiruchy. Felicitation : Mrs. M. Vimala Moses , This Director, Rehabilitation centre for blind women, Mannarapuram, Tiruchy. Dr. S. Rajeswari, Assistant Professor, PG & Research department of social work, PG & Research Department of Social Work Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020. Programme Organiser Mrs. S. Daarthy I-MSW

Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Rehabilitation Center for Blind Women, Tiruchirappalli, organized an awareness programme entitled "EDUCATION FOR SOCIAL LIFE" on 30th April, 2022 in the Community Hall, Thiruvallarchipatti at 5.00 P.M. Gundur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mrs. T. Lakshmi Thirumurigan, President, Gundur Panchayat, Tiruchirappalli and Mrs. V. Sangeetha, Psychologist, Central Prison, Tiruchirappalli attended the programme as a chief guest and made a point of explaining

to the people about the benefits of Education for Social Life. More than 70 People benefited from this event. It was organized by Mrs. S. Daarthy, I Year M.S.W. student, in consultation with

Dr. S. Rajeswari, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Manitham Trust, Tiruchirappalli, organized an awareness programme entitled **“Parent & Child Relationship”** on **13th May, 2022** in the Community Hall, Thiruvallarchipatti at **5.00 P.M.** Gundur village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The Programme was chaired by Mrs. T.

Lakshmi Thirumurigan, President, Gundur Panchayat, Tiruchirappalli and Mr. J. Karan Louis, Community Mentor Health Worker & Program, Athma Hospital, Tiruchirappalli attended the programme as a chief guest and made a point of explaining to the people about the Parent and Child Relationship. More than 50 People benefited from this event. It was organized by Miss. E. Sonalika, I Year M.S.W. student, in consultation with Prof. M. Rajalingam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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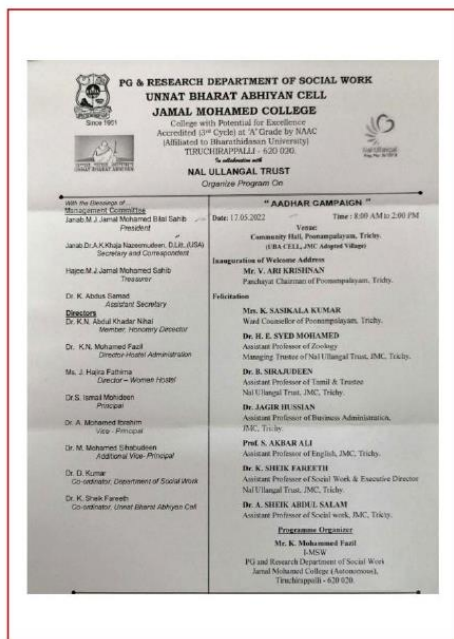
NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous),



Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Nal Ullangal Trust, Tiruchirappalli, organized an awareness programme entitled “Aadhar Campaign” on 17th May, 2022 in the Community Hall, Poonampalayam, Trichy at 8.00 A.M. Poonampalayam village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Programme was chaired by Mr. V. Ari Krishnan, Panchayat Chairman of Poonampalayam, Tiruchirappalli and Dr. H.E.Syed Mohamed, Assistant Professor of Zoology & Managing Trustee of Nal Ullangal Trust, Dr.B.Sirajudeen, Assistant Professor of Tamil, Trustee of Nal Ullangal Trust and Dr.K. Sheik Fareeth, Assistant Professor of Social Work & Executive Director of Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Tiruchirappalli



attended and conducted the Aadhar Campaign for the benefit of the public in the area.



More than 120 People benefited from this Camp. It was organized by Mr. K. Mohammed Fazil, I Year M.S.W. student, in consultation with Dr. A. Sheik Abdul Salam,

Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the DKSHA - Cornerstone Children's Home, Tiruchirappalli, organized an awareness programme entitled **"Welfare Schemes for People"** on **26th May, 2022** in the Community Hall, Poonampalayam, Trichy at **11.00 A.M.** Poonampalayam village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

PG AND RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE	
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In collaboration with DKSHA - Cornerstone Children's Home Organize an Awareness Program On	
With the Blessings of Management Committee Jamil M. J. Jamal Mohamed Bhai Sahib President Jamil M. J. Jamal Mohamed Bhai Sahib Secretary and Correspondent Hajee M. J. Jamal Mohamed Sahib Treasurer Dr. K. Abdul Samad Assistant Secretary Directors Dr. K. N. Abdul Khadar Nihal Member, Honorary Director Dr. K. N. Mohamed Fazil Director-Hotel Administration Ms. J. Hajira Fatima Director-Women Hostel Dr. S. Ismail Mohamed Principal Dr. A. Mohamed Ibrahim Vice - Principal Dr. M. Mohamed Shabudeen Additional Vice-Principal Dr. P. Kumar Co-ordinator, Department of Social Work Dr. K. Shalek Fareeth Co-ordinator, Unnat Bharat Abhiyan Cell	"WELFARE SCHEMES FOR PEOPLE" Date: 26.05.2022 Time: 11.00 AM Venue: Community Hall, Poonampalayam, Trichy. (UBA CELL, JMC Adopted Village) Presidential Address : Mr. V. ARI KRISHNAN Panchayat Chairman, Poonampalayam, Trichy. Chief Guest : Mr. A. ISAAC Founder and Director DKSHA - Deva Kirubai Social Help Organization Mullipadi. Felicitation : Ms. C. AMALA SOPHYA, MSW Social Worker and Counsellor Mrs. K. SASIKALA KUMAR Ward Counsellor, Poonampalayam, Trichy. Prof. M. Rajalingam Assistant Professor, PG & Research Department of Social Work, JMC, Trichy. Programme Organiser Mr. P. Alex Joyel I-MSW PG and Research Department of Social Work Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020.

The Programme was chaired by Mr. V.

Ari Krishnan, Panchayat Chairman of Poonampalayam, Tiruchirappalli and Mr. A.



Isaac, Founder and Director of DKSHA - Deva Kirubai Social Help Organization, Mullipadi, Tiruchirappalli attended the programme as a chief guest and made a point of explaining to the

people about the Government Welfare Schemes for People. More than 42 People benefited from this event. It was organized by Mr. P. Alex Joyel, I Year M.S.W. student, in consultation with Prof. M. Rajalingam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the The Dolphin Special School & Centre, Tiruchirappalli, organized an awareness programme entitled **“Naan Mudhalvan”** on **26th May, 2022** in the Community Hall, Poonampalayam, Trichy at **10.00 A.M.** Poonampalayam village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

PG AND RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE	
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In collaboration with The Dolphin Special School & Centre Organize an Awareness Program On	
With the Blessings of... Management Committee Janab. M.J. Jamal Mohamed Bilal Sahib President Janab. Dr. A.K. Krishna Nageswaram, D.Lit., (USA) Secretary and Correspondent Hajee M.J. Jamal Mohamed Sahib Treasurer Dr. K. Abdus Samad Assistant Secretary Directors Dr. K.N. Abdul Khader Nihal Member, Honorary Director Dr. K.N. Mohamed Fazil Director-Hotel Administration Ms. J. Hajira Fatima Director-Women Hostel Dr. S. Ismail Mohideen Principal Dr. A. Mohamed Ibrahim Vice - Principal Dr. M. Mohamed Shabudeen Additional Vice-Principal Dr. D. Kumar Co-ordinator, Department of Social Work Dr. K. Sheikh Fareeth Co-ordinator, Unnat Bharat Abhiyan Cell	
“NAAN MUDHALVAN” Date: 26.05.2022 Time: 3.00 PM Venue: Community Hall, Poonampalayam, Trichy. (UBA CELL, JMC Adopted Village) Presidential Address : Mr. V. ARI KRISHNAN Panchayat Chairman Poonampalayam Trichy. Chief Guest : Dr. B. SIRAJUDEEN Assistant Professor of Tamil & Trustee Nal Ullangal Trust, JMC, Trichy. Felicitation : Mrs. K. SASIKALA KUMAR Ward Counselor Poonampalayam Trichy. Mrs. PRAVEENA CARMEL Director The Dolphin Special School & Centre Trichy. Dr. A. SHEIK ABDUL SALAM Assistant Professor Department of Social Work JMC, Trichy. Programme Organiser Mr. U. Prasannakumar I-MSW PG and Research Department of Social Work Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020.	

The programme was chaired by Mr. V. Ari Krishnan, Panchayat Chairman of



Poonampalayam, Tiruchirappalli and Dr. B. Sirajudeen, Assistant Professor of Tamil and Trustee of Nal Ullangal Trust, Jamal Mohamed College (Autonomous),

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.

Tiruchirappalli, who attended the programme as a chief guest and made a point of explaining to the youth and people, especially students, about the Naan Mudhalvan scheme, which was inaugurated for the learners for their skill improvement and commenced for all the learners who are pursuing their graduation degree or studying in a school in Tamil Nadu state. If you are interested in this scheme,



you need to enroll in it. The policy is to specify the new skills from the academies. With the assistance of this scheme, the learners will be provided with a recommendation after finishing their studies. Candidates will obtain robotic training and modern-day coding under this scheme. They will also receive professional counselling on problems such as behavioural issues and physical health. The government of Tamil Nadu state is going to create guidance hubs for the learners in every school. Based on the interests and



qualifications of the candidates, registration in the reputed universities or best institutes in the nation

will be assured through this course of training. Trained students will be continuously regulated for the job. Also, incorporated employment centres will be administered based on requirements. Students will get training on how to speak fluently, write in English,

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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and prepare for the interview to attain individual mastery in Tamil. More than 50 people, youth and students benefited from this event. It was organized by Mr. U. Prasannakumar, I Year M.S.W. student, in consultation with Dr. A. Sheik Abdul Salam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the Voice Trust, Tiruchirappalli, organized an awareness programme entitled **"Importance of Tree Plantation"** on **31st May, 2022** in the area of Poonampalayam, Trichy at **09.00 A.M.** Poonampalayam village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

PG AND RESEARCH DEPARTMENT OF SOCIAL WORK UNNAT BHARAT ABHIYAN CELL JAMAL MOHAMED COLLEGE College with Potential for Excellence Accredited (3 rd Cycle) at A Grade by NAAC (Affiliated to Bharathidasan University) TIRUCHIRAPPALLI - 620 020. In collaboration with VOICE TRUST Organize an Awareness Program On	
With the Blessings of Management Committee Janab M.J.Jamal Mohamed Bilal Sahib President Janab.Dr.A.K.Khaja Nazeemudeen, D.Litt., Secretary and Correspondent Hajee.M.J.Jamal Mohamed Sahib Treasurer Directors Dr. K. Abdus Samad Assistant Secretary Dr. K.N.Abdul Khadar Nihal Member, Honorarys director Dr. K.N.Mohamed Fazil Director-Hostel Administration Ms. J. Hajira Fathima Director - Women Hostel Dr.S. Ismail Mohideen Principal Dr.A.Mohamed Ibrahim Vice - Principal Dr.M. Mohamed Shabudeen Additional Vice Principal Dr. D. Kumar Co-ordinator, Department of Social Work Dr. K. Sheik Fareeth Co-ordinator, Unnat Bharat Abhiyan Cell	"IMPORTANCE OF TREE PLANTATION" Date: 31/05/2022 Time : 9.00 am Venue: POONAMPALAYAM, TRICHY. (UBA CELL, JMC Adopted village) Sapling distribution and tree plantation: Mr. V. ARI KRISHNAN Panchayat chairman of poonampalayam, Trichy. Guest Speaker: Mr. A. GREGORY, M.A., D.S.L. Project director, voice trust & NGC coordinator. Felicitation: Mr. M. RAJALINGAM, M.S.W., M.Phil. Assistant professor of social work, JMC, Trichy. Mrs. K. SASIKALA KUMAR Ward counselor of poonampalayam, Trichy. Programme Organizer Mr. RANJITH KUMAR M I-MSW PG and Research Department of Social Work Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The programme was chaired by Mr. V. Ari Krishnan, Panchayat Chairman of Poonampalayam, Tiruchirappalli and Mr. A. Gregory, Project Director of Voice Trust &



NGC Co-ordinator, Tiruchirappalli attended the programme as a chief guest and made a point of explaining to the people about the importance of tree plantation and he also planted some saplings in

the area with an awareness program on the importance and benefits of tree cultivation.

More than 50 People benefited from this event. It was organized by Mr. Mr. M. Ranjith Kumar, I Year M.S.W. student, in consultation with Prof. M. Rajalingam, Assistant Professor in the Department of Social Work, Jamal Mohamed College, Tiruchirappalli-20.



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Tiruchirappalli, and the P.G. & Research Department of Social Work, in association with the The Dolphin Special School & Centre, Tiruchirappalli, organized an awareness programme entitled **"ONLY ONE EARTH"** on **1st June, 2022** in the Community Hall, Poonampalayam, Trichy at **10.00 A.M.** Poonampalayam village is one of the adopted villages by Jamal Mohamed College of Tiruchirappalli under the Unnat Bharat Bharat Abhiyan Cell.

The programme was chaired by Mr. V. Ari Krishnan, Panchayat Chairman of Poonampalayam, Tiruchirappalli, and the students of the social work department, Jamal Mohamed College (Autonomous), Tiruchirappalli, delivered the special address about the only one earth and took the Pledge and explained about environmental pollution in Tamil, and they encouraged and motivated them with some stories and proverbs. More than 32 people benefited from this event. It was organized by Mr. T. Ashpell Herson, I Year M.S.W. student, in consultation



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with Dr. A. Sheik Abdul Salam,
Assistant Professor in the
Department of Social Work,
Jamal Mohamed College,
Tiruchirappalli-20.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College organized the 'Self-Employment' Awareness Programme in Gundur village on 13th February, 2021. Before a week of the programme, the pamphlets on the awareness of 'Self-Employment' were distributed along with Registration Forms to the Gundur Village Youths and Self Help Group Members.

Dr. M.Syed Ali Padusha, Associate Professor of Chemistry, Jamal Mohamed College inaugurated the programme and felicitated the gathering. Mrs. Lakshmi Thirumurugan, President of Gundur Village delivered the Presidential Address and appreciated the steps took by UBA Cell, Jamal Mohamed College, Trichy.

Dr.K.Sheik Fareeth, Assistant

Professor of Social Work and Co-Ordinator of UBA Cell, welcomed the gathering and explained about the UBA Project and its existence. He also insisted and explained about the support rendered by the UBA Cell on the 'Self-Employment' services like Bank-Loan arrangements, buying raw-materials, Registration for Business etc.

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Mr.Vasanth, Entrepreneur, motivated the gathering on the significance of 'Public Aquarium'. He explained the methods and strategies for the establishment of



Aquarium at home. Further, he demonstrated the process of Fishing and its employment opportunities. Around 50 members participated and got benefitted by this programme.

The session became very active with the demonstration of various instruments of fishing like fishing pots, fish-rearing and its procedures. All the participants eagerly took

part in discussions and in the calculations of the budget. Dr.Krishna Moorthy, Assistant Professor of Zoology, Jamal Mohamed College, Trichy proposed the vote of thanks. Dr. Syed Mohamed, Assistant Professor of Zoology and Managing Trustee of Good Hearts Foundation (Nal Ullangal) also participated. Finally, the programme ended by serving delicious lunch to all the participants.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College organised the Programme “Training on Domestic Products Preparation” in Gundur Village on 20th February, 2021. The programme was conducted successfully in association with the Department of Chemistry (DBT Star College Scheme), Jamal Mohamed College, Trichy.

Dr.K.Sheik Fareeth, Assistant Professor of Social Work and Co-Ordinator of UBA Cell, Jamal Mohamed College, Trichy welcomed the gathering and highlighted on the objectives of UBA Project. He also focussed on the earlier project works done in Gundur village.

Panchayat President Mrs. Lakshmi inaugurated and delivered the Presidential Address. While she addressed, she pin-pointed out that this kind of programme is the need of an hour. As a home-maker, she expressed that she was familiar about the expenses towards buying those domestic products.

Mrs.Lakshmi, the President of Gundur Panchayat appreciated the initiatives took by

UBA Cell, Jamal Mohamed College, Trichy. Further, she congratulated the activities of UBA Cell during the COVID-19, LOCKDOWN, especially about the distribution of the Groceries Bag to the downtrodden people of Gundur village.

ஜமால் முகமது கல்லூரி
(தன்னாட்சி)
கூற்றல்வாத்தி ஒன்றியம்
தேசியத் தர மதிப்பீட்டு மூன்றாம் சுற்றில் "A" தரச்சான்று பெற்றது
கல்வித் துறை
(பாதிதாசன் பல்கலைக்கழக இணைவு பெற்றது)
திருச்சிராப்பள்ளி - 620020

வேதியியல் மற்றும் ஷீவங்கியல் துறைகள்
இணைந்து நடத்தும்
இளைஞர் மற்றும் மகளிர்க்கான
இலவச தொழில் பயிற்சி முகாம்

சுய தொழில் தொடங்க ஆர்வம் உள்ள இளைஞர்கள் மற்றும் பெண்கள் இடமிருந்து விண்ணப்பங்கள் வரவேற்கப்படுகிறது.

இடம் : குண்டு தேதி : 13.02.2021, 14.02.2021
நேரம் : காலை 9.30 முதல் மதியம் 1.00 மணி வரை
சிறப்பு அம்சங்கள்

- சுயதொழில் துவங்க அனைத்து பயிற்சிகளும் வழங்கப்படும்.
- பயிற்சியில் கலந்து கொள்பவர்களுக்கு மதிய உணவு வழங்கப்படும்.
- சுயதொழில் தொடங்க ஆலோசனை மற்றும் அனைத்து உதவிகளும் செய்து தரப்படும்.

மேலும் விபரங்களுக்கு முகவர் க.ஷேக் பரீத் முகவர் ஓ.பி.சைபது அப்துரஹ்மீன்
கல்கரி திருமுருகன் தொலைபேசி எண் 98438 75899
உணர்வு மிகுந்த தகவல் உணர்வு பரந்த அபிப்பிராயம் உணர்வு மிகுந்த தகவல் உணர்வு பரந்த அபிப்பிராயம்
98438 75899 96776 25779 90438 75638 / 91502 88331

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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Dr.M.Syed Ali Padusha, Associate Professor of Chemistry, Jamal Mohamed College felicitated the gathering by insisting the needs and on the significance of preparing domestic products in our own. Sir introduced Mrs.L.Asifa Parveen, Women Entrepreneur and a role model in this field for her producing more than 100 Herbal, Ayurvedic, Organic and Domestic Products whom also distributed it among the gathering.

Mrs. L. Asifa Parveen shared her experience to the participants about her successful journey in the field of Business. She also motivated the participants

towards 'Soap-Making' and also about the preparations of Detergent Powders and Liquids at home.

Dr.S.Syed Abuthahir and Dr.R.Abdul Vahith, Assistant Professors of Chemistry, Jamal Mohamed College, Trichy conducted the training programme and explained the various chemical reactions to the participants.

The final year Under Graduate Students of the

Department of Chemistry demonstrated on the preparation of the products like 'Washing Powder, Beauty Soap-Making, Dish Wash Soap, Washing Liquid, Balm Making, Pain Oils, Cleaners, Removal of Oil Marks and on Floor Cleaner'.

In addition to that, the participants were given time and opportunity to experiment and experience themselves on the preparation of the above mentioned products. Throughout the session, all the participants actively took part in all the discussions and in the demonstrations of the products.

ஜமால் முகமது கல்லூரி
(தனியார்)
தமிழ்நாடு அரசுப் பல்கலைக்கழகம், திருச்சி
(புறத்தொலைபேசி - 620020)
தஞ்சாவூர் - 620020

தலைப்பு : **இலவச தொழில்நுட்பங்கள்**

பெயர் : _____

தகப்பனாரின் பெயர் : _____

முகவரி : _____

பாடெண் : _____

கல்வித்தரம் : _____

தொலைபேசி எண் : _____

இலவச தொழில்நுட்பங்கள் : _____

ஆதாரம் : _____

ஆதாரம் : _____

தற்போதைய தொழில் : _____

விருப்பப்பெற்றது : _____

(தொலைபேசி எண்)

பயிற்சி நபர் : _____

பயிற்சி நபர் : _____

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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TIRUCHIRAPPALLI – 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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Dr.S.Syed Abuthahir, Assistant Professor of Chemistry, Jamal Mohamed College, Trichy proposed a vote of thanks. Finally, the programme came to an end by providing delicious lunch to all the participants. There were more than 100 youth and women benefited from this event.

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TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

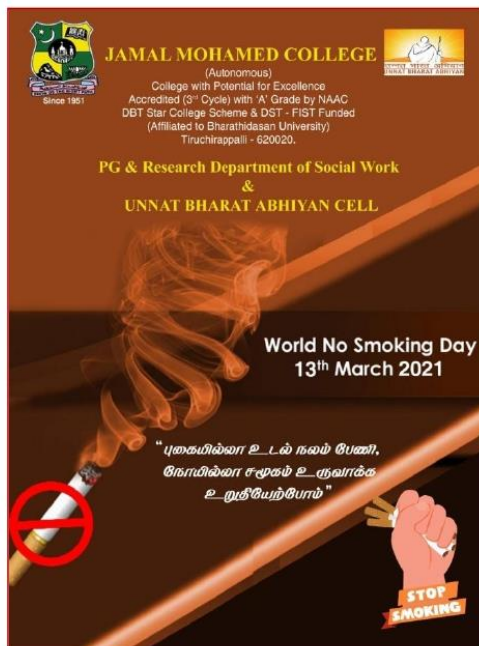
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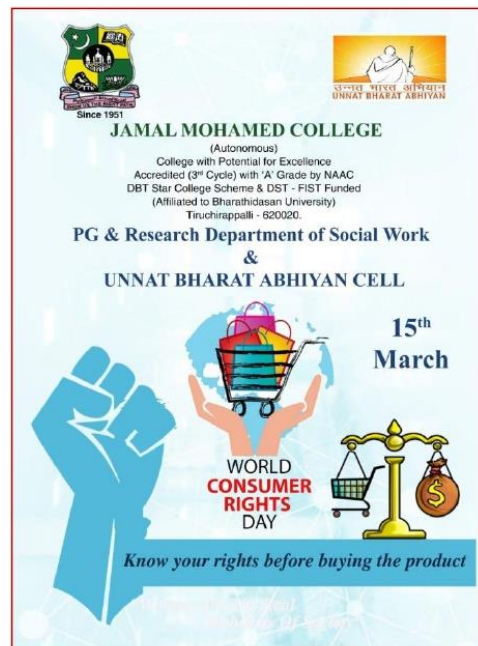
The Unnat Bharat Abhiyan Cell of Jamal Mohamed College organised the Programme “**Spreading of Awareness Flyers**” by observing National Days in the month of March, 2021. Due to the Covid 19 pandemic, the volunteers of UBA are divided into various groups by assigning awareness title to the each group like as follows:

- ☞ No Smoking Day
- ☞ World Consumers Rights Day
- ☞ World Water Day
- ☞ International Women’s Day
- ☞ World Social Work Day
- ☞ Voting Awareness
- ☞ World Health Day

No Smoking Day



World Consumers Rights Day



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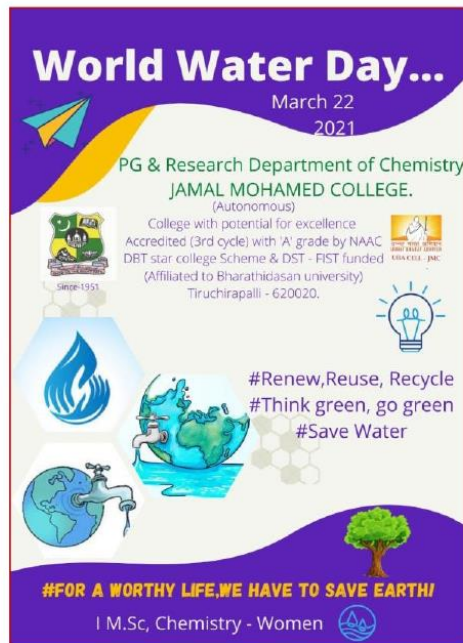
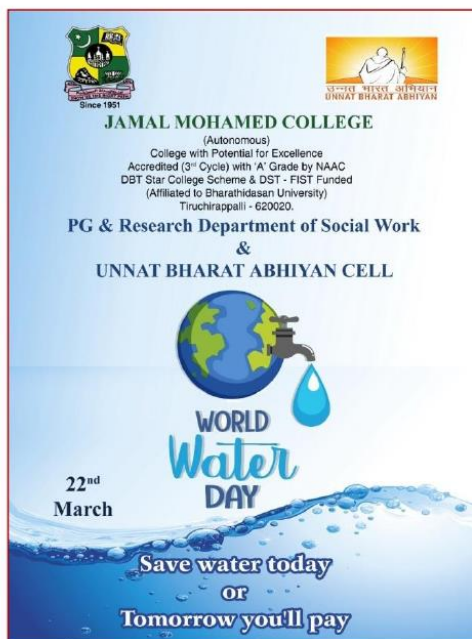
NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

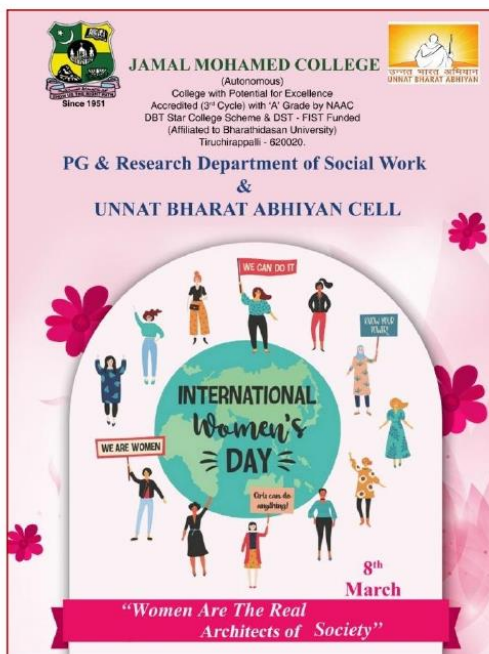
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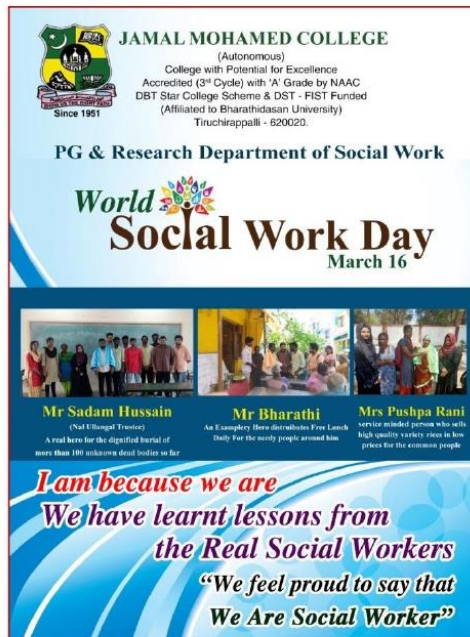
World Water Day



International Women's Day



World Social Work Day



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Criterion III Research, Innovations & Extension

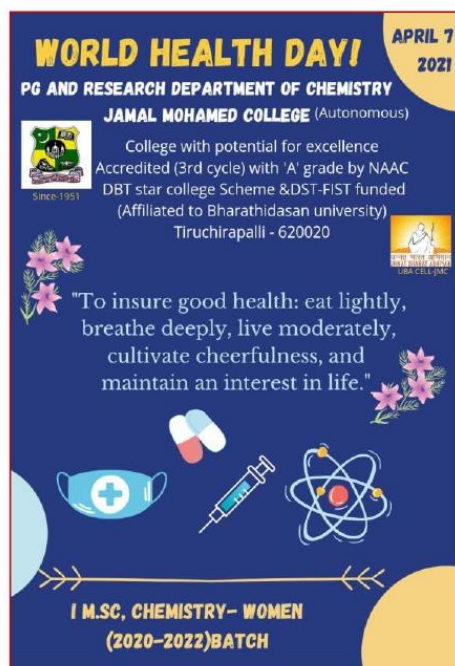
3.3 Innovation Ecosystem

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Voting Awareness



World Health Day



For the above said titles the students were prepared flyers by their own in consultation and starts spreading in social media through various platforms like



whatsapp, facebook, instagram, linkedin, twitter and telegram. The programme reached the maximum to the core which develops innovative skills and more initiative skills among the students community. The

programme was planned, co-ordinated and executed by the Dr.K.Sheik Fareeth, Assistant Professor of Social Work and Co-Ordinator of UBA Cell, Jamal Mohamed College, Trichy.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College organised the Programme “**Launch of UBA Project Board**” on 18th March, 2021. The UBA Project board was inaugurated by Dr.A.K. Khaja Nazeemudeen, the Secretary and Correspondent. The programme was presided by Dr.S.Ismail Mohideen, Principal. He explained the core values of the projects and its needs to the gathered volunteers. Dr. K. Abdus Samad, Assistant Secretary explained the objectives of the projects. Dr.D.Kumar, Co-ordinator, Department of Social



Work, Dr.N. Antony Prakash, Assistant Professor of Social Work, Mr.M.Rajalingam,



Assistant Professor of Social Work, Students of Social Work, Visual Communication and UBA Volunteers were present. The board was setup towards college gate entry.

Dr.K.Sheik Fareeth, Assistant Professor of Social Work and Co-Ordinator of UBA Cell, Jamal Mohamed College, Trichy co-ordinated the programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in collaboration with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy conducted the Covid Vaccination Awareness Campaign on 02.06.2021.



Dr.S. Ismail Mohideen,

Principal, Jamal Mohamed College, initiated the Covid Vaccination Awareness Campaign on 02.06.2021. From (L to R) Dr.B. Sirajudeen Trustee, Nal Ullangal Trust, Dr. H.E. Syed Mohamed, Managing Trustee, Nal Ullangal Trust, Trichy, Mr.F. Faizal



Ahamed, Student Volunteer, Dr.A. Zahir Hussain, Advisor, Helping Hearts, Dr .B. Mohamed Rafeeq, NSS Programme Officer, and Prof.

S. Sheik Ismail, Coordinator, Part-V Extension Activities, participated in the programme. Dr.B. Mohamed Rafeeq NSS Programme Officer and Student Volunteers motivate the public to inoculate the Covid Vaccination. There were more than 30 student volunteers participated and 100 people benefited from this campaign.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in association with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy distributed the food on 02.06.2021.



In continuation of distributing Food Packets to the road side dwellers and the needy, Dr.S. Ismail Mohideen, Principal, Jamal Mohamed College, initiated the second day food packets distribution. Dr.B. Mohamed Rafeeq, NSS Programme Officer was deputed to distribute the food packets along with NSS Volunteers to the needy in the following places: JMC Tollgate, Mannarpuram, Sabari Mill Bus Stop, Ayyapa Nagar, Kavi Bharathi Nagar, Udayanpatti and Airport, Kesavan Nagar. There were more than 120 people benefitted.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in collaboration with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy distributed the groceries bags on 02.06.2021.



Under Groceries Distribution Scheme of Jamal Mohamed College Covid Relief Assistance Centre, Dr. K.N.Mohamed Fazil, Director, Hostel Administration, Jamal Mohamed College, distributed groceries bags to 26 poor families at Renga Nagar, Mangama Salai, Tiruchirappalli.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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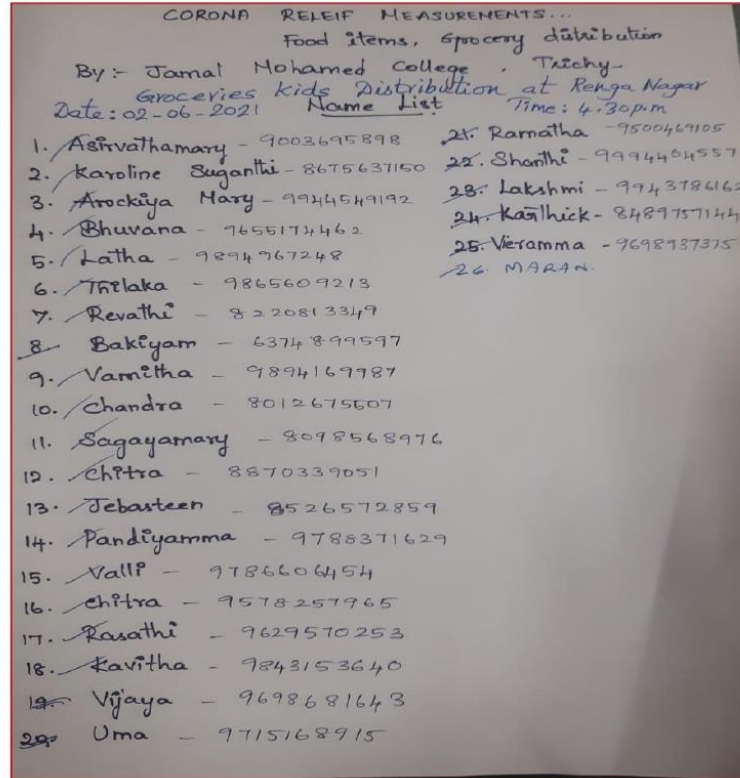
TIRUCHIRAPPALLI - 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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Dr.M.Syed Ali Padusha, Coordinator, Khajamian Hostel and Asst. General Secretary, JMC Alumni Association, Dr.B. Sirajudeen Trustee, Nal Ullangal Trust, Dr. H.E. Syed Mohamed, Managing Trustee, Nal Ullangal Trust, Trichy ,Dr.A. Zahir Hussain, Advisor, Helping Hearts, Dr .B. Mohamed Rafeeq, NSS Programme Officer, Prof. S. Sheik Ismail, Coordinator, Part-V Extension Activities, Mr.F. Faizal Ahamed, Student Volunteer and Mr.R. Sri Ram, NSS Volunteer, participated in the programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in association with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy distributed the food and created awareness about Covid Vaccination among people on 03.06.2021.



On the 3rd day, Jamal Mohamed College Covid Relief Assistance Centre distributed food packets and created Covid Vaccination Awareness among the public. (L to R) Dr. A. Zahir Hussain, Advisor, Helping Hearts, Dr. B. Sirajudeen, Trustee, Nal Ullangal Trust, Dr. K. Sheik Fareeth, Co-ordinator, Unnat Bharat Abhiyan, JMC, Prof. S. Sheik Ismail, Coordinator, Part-V Extension Activities, Dr .B. Mohamed Rafeeq, NSS Programme Officer and Mr.F. Faizal Ahamed, Student Volunteer.

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Criterion III Research, Innovations & Extension

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Food packets were distributed to the road side dwellers and the indigent people in the following places in Trichy on 03.06.2021 namely JMC Tollgate, Kallkuzhi, P&T colony ground, Junction Bridge, E.pudhur, Periya milagu parai, Collector office road, Puthur Near GH, E.V.R salai, Court bridge. There were 7 student volunteers participated and more than 270 People benefitted.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in collaboration with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy distributed the groceries bags on 03.06.2021. There were distributed the Groceries bags to three families at Armoury gate, Ponmalai and distributed the Groceries bags to 25 families at Ukkadai Ariyamangalam, Trichy.

DISTRIBUTION OF GROCERIES BAGS TO THREE FAMILIES AT ARMOURY GATE, PONMALAI



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**DISTRIBUTION OF GROCERIES BAGS TO 25 FAMILIES AT UKKADAI
ARIYAMANGALAM, TRICHY**



Under Groceries Distribution Scheme of Jamal Mohamed College Covid Relief Assistance Centre, Dr. K.N.Mohamed Fazil, Director, Hostel Administration, Jamal Mohamed College, distributed groceries bags 25 to widows and indigent families at Anjuman Nagar, North Ukkadai, Ariyamangalam, Tiruchirappalli on 03.06.2021. Mr.Kamil Anwar, Anjuman Nagar, Jamath President graced and guided in the smooth

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI – 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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conduct of the programme. Dr.M.Syed Ali Padusha, Coordinator, Khajamian Hostel and Asst. General Secretary, JMC Alumni Association, Dr.B. Sirajudeen Trustee, Nal Ullangal Trust, Dr. H.E. Syed Mohamed, Managing Trustee, Nal Ullangal Trust, Trichy, Dr. K. Sheik Fareeth, Co-ordinator, Ummat Bharat Abhiyan, Dr .B. Mohamed Rafeeq, NSS Programme Officer, Prof. S. Sheik Ismail, Coordinator, Part-V Extension Activities, Mr.F. Faizal Ahamed, Student Volunteer and Mr.R. Sri Ram, NSS Volunteer, participated in the programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in association with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy conducted the Covid Vaccination Awareness Campaign on 04.06.2021.



On the 4th day, Jamal Mohamed College Covid Relief Assistance Centre created Covid Vaccination Awareness among the public in the following places near Salahiya Masjid, Sundar Raj Nagar, Avvaiyar Street, Subramniyapuram, 'G' corner and Nel pettai, Palakarai. Prof. A. Umar Farook, Assistant Professor of English, JMC, Dr.B. Mohamed Rafeeq, NSS Programme Officer and Mr.F. Faizal Ahamed, Student Volunteer, Motivated the public to inoculate against Covid. There were 12 student volunteers participated and more than 300 people benefitted from this event.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in association with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy started JMC COVID - 19 RELIEF ASSISTANCE CENTRE



with the purpose of serving the public in the pandemic situation at Jamal Mohamed College and conducted the Covid Vaccination Awareness Campaign on 05.06.2021. In

continuation of creating Covid Vaccination Awareness and Relief Assistance Programmes, on the 5th Day (05.06.2021), the Centre has distributed food packets to roadside dwellers and the field workers of Gundur areas. Thiru . John Kennedy, VAO and Thiru .Mohan Raj, Block Health Inspector, Thiru. Mohan kumar, PS Health Inspector, participated in the programme. Food packets were distributed by Dr.B. Mohamed Rafeeq, NSS Programme Officer, Prof A. G .Nihal Basha ,Assistant Professor of English and Advisor of Red Ribbon Club, Mr.N. Anis Ahamed, Secretary, Riyadh JMC Alumni Chapter, Saudi Arabia, Prof .A.Umar Farook, Assistant Professor of English, punctilious student Volunteers : Mr.F. Faizal Ahamed and Mr.R. Sri Ram. Covid Vaccination Awareness was created in the following places: Subramaniyapuram Main Road, Airport, Sembattu, Gundur Anna Nagar, kottapattu, Mathur, MIET College Road, Indira Nagar and Burma Colony. There were 13 student volunteers participated and more than 170 people benefitted.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Trichy in association with the Nal Ullangal Trust, Jamal Mohamed College (Autonomous), Trichy conducted the Covid vaccination awareness campaign, distributed the food packets and 2 groceries bags on 06.06.2021. Dr. S. Sakul Ameer, Executive Officer, Kallakudi, Town Panchayat, Trichy District, creates Awareness on Covid Vaccination at Kallukuzhi and Mudukku Patti.



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On the 6th day, Dr.S.Sakul Ameer, Executive Officer, Kalllakudi Town Panchayat, Trichy Dt, Created Awareness on the importance of getting Covid Vaccination in the following places: Kallukuzhi and Mudukku Patti. Dr.A.J. Haja Mohideen HOD of Economics, Jamal Mohamed College, inspired and encouraged the resident of Crescent Nagar to inoculate against Covid. Mr.F.Faizal Ahamed, Student Volunteer, Motivated the public near J.K. Nagar. In addition, the programmes - Covid Vaccination Awareness and Food Packets distribution were executed in the following places: JMC Tollgate, Ulaganathapuram, Iqbal Colony,

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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TIRUCHIRAPPALLI – 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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Sethuraman Colony, Kajamalai, R.S. Puram, R.V.S Nagar, K.K. Nagar Bus Stop, Kurinji Nagar, Sundar Nagar, Kajamalai Colony. Under Food Distribution Scheme of Jamal Mohamed College Covid-19 Relief Assistance Centre, Dr. S. Sakul Ameer, Executive Officer, Kallakudi, Town Panchayat, Trichy Dt. Dr.B. Mohamed Rafeeq, NSS Programme Officer, Mr.F. Faizal Ahamed, Student Volunteer and Mr.R. Sri Ram NSS Volunteer distributed the Food Packets to road side dwellers and the impoverished. Dr.B. Mohamed Rafeeq, NSS Programme Officer, distributes the groceries bag at Nehru Nagar 2nd Street, Kajamalai and Mr.F.Faizal Ahamed, Student Volunteer, distributes the groceries bag to needy person at East Boulevard Road, Trichy. There were 23 student volunteers participated and more than 250 people benefitted.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the **Swachh Survekshan Grameen 2019** at **Community Hall, Olaiyur on 03.09.2019**. Mr. Nandha Kumar, District Officer, Swachh Bharat, explained about the Swachh Survekshan.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, cordially conducted the **Inaugural Ceremony of the Rural Camp** at the **Gallery of Olaiyur** on **03.09.2019**. The Chief Guests, namely Haji. M.J. Jamal Mohamed Sahib, Treasurer; Dr. K. Abdus Samad, Assistant Secretary; Dr. A. Mohamed Ibraheem, Vice Principal of Jamal Mohamed College (Autonomous), Tiruchirappalli-20; and Mr. P. Elangovan, Head of Panchayat, Olaiyur, completed the inauguration ceremony successfully. The Unnat Bharath Abiyan 2.0 was inaugurated by Haji M.J. Jamal Mohamed Sahib, Treasurer of Jamal Mohamed College (Autonomous), Tiruchirappalli-20. The Unnat Bharat Vision 2.0 was made known to the community. In this inaugural address, the Treasurer highlighted the rural camp to be held in Olaiyur. In addition, the UBA board was launched in the village of Olaiyur.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 in collaboration with the Joseph Eye Hospital, Melaputhur, Trichy, jointly and cordially conducted the **Eye Camp** at the **Community Hall of Olaiyur on 04.09.2019**. The Eye camp was conducted in the presence of C. Veluchami and P. Sujitha Markirat. The guest of honour for the camp was Dr. Suganya. Mrs.B.Valarmathi, Minister for Social Welfare and Nutritious Noon Meal Programme, offered Rs. 5,000 for the needy person as a token of help towards surgery expenses for the person. Vehicles were arranged to bring senior citizens to the camp. The importance of eye care was highlighted by Dr. Suganya. The camp came to a successful closure, and tree saplings were also planted by the guests.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, in combination with the Uyir Kakkum Karangal, Tiruchirappalli-12, conducted the **First Aid, Fire and Safety** in the Government **High School, Olaiyur Village on 04.09.2019, (Wednesday).**



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The first aid awareness programme was conducted for the students of the high school in Olaiyur in the presence of Mrs. M.N. Bhuvana Kalyani and P. Umadevi. The guests of honour for the occasion were Dr. K. Abdul Kafoor, founder of Uyir Kakkum Karangal, Trichy. Mr. P. Mohan, Head of State Leadership Committee; Uyir Kakkum Karangal; Trichy; Mr. M. Allirasu, Emergency Medical Technician (EMT); Government Hospital; Trichy; Mr.P. Pulugandi; and Mr.M. Rama Krishnan. The guests presented information about first aid, fire services, and ambulance-related information for the students. The guests also demonstrated life-saving methods and techniques in critical situations.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, in combination with the Women Self-Help Group, Hope Charity, Trichy conducted the **“Hands on Training Programme”** in the Community Library, Men’s Complex Near Olaiyur on **04.09.2019, (Wednesday)**. Ms. J. Stephy Julie Crystal, Trainer, Women Self Help Group, Hope Charity, Trichy had trained the women on making Toys, Lunch bags and Baskets.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, cordially conducted the **“Sports Competition”** in the Government High School, Olaiyur on **04.09.2019, (Wednesday)**. The sports competition was conducted in the presence of Mr. Raja, Cleark, Olaiyur. This event was attended by 80 high school students and 21 college students, who all benefited from it.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, cordially conducted the awareness programme on **“Government Schemes”** in the Gallery of Olaiyur at 6.00 p.m. on **04.09.2019, (Wednesday)**. The programme was started in the presence of Mr. I. Lawrence tamizlmani and Mr. A. Rayappan, Mr. A. Innasi muthu mani, Mr. G. Thomaiyur. Mr. M. Velusaami, an officer of the Indian Overseas Bank, gave a special address in which he explained clearly the government's schemes for people, particularly women and youth. There were 60 people and 8 students who participated in this programme and they also benefitted from it.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, cordially conducted the awareness programme on “**Natural Agriculture and Natural Biological Living**” in the Community Hall, Olaiyur on **04.09.2019, (Wednesday)**. Mr. A. Ramesh (Nammazhvar Uyirchuzlal Maintainer, Mediator, Sudumanppattu, Kadavur, Karur) had delivered a special address and explained clearly about natural farming and the demerits of pesticides. There were 50 people and 24 students who participated in this programme and they also benefitted from it.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, in association with the Star Kims Hospital, Thillainagar, Trichy conducted the **“General Health Camp”** in the Community Hall, Olaiyur on **05.09.2019 (Thursday)**. Dr. G. Rajarathinam and Dr.M. Nather Hussain, Star Kims Hospital, Thillainagar, Trichy provided treatment to the people.

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Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, cordially conducted the **“Sports Competition”** in the Government Primary School, Olaiyur on **05.09.2019, (Thursday)**. Ms. Saraswathi and Self-Help Group Member Olaiyur were present as the sports competition began. This event was attended by 70 high school students and four college students, all of whom benefited from it.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, cordially conducted the awareness Programme on **“The Noble Bharat”** in the Gallery of Olaiyur on **05.09.2019, (Thursday)**. Mr. R. Nandha Kumar, District Coordinator, Swatch Bharat, Trichy. This programme was attended by 130 people, including 21 students, who benefited from it as well.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, in collaboration with the ATHMA Mental Health Group, Trichy conducted the “**Mental Health Camp**” in the Community Hall, Olaiyur on **06.09.2019**. The mental health camp in the presence of Mr.V.Raja and Ms.L.Sarawathi. Dr.G Aravindhan and the ATHMA Mental Health Group had delivered a special address about the Mental Health of the people. More than 30 people received mental health treatment for the first time, and 21 students participated in and benefited from this camp, which was the first of its kind. The camp ended successfully with the tree sapling plantation.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, conducted an awareness programme on **“Righteous Anger”** in the Government Primary and High School, Olaiyur on **06.09.2019**. The Righteous Anger Programme was conducted to the children of the Primary School, Olaiyur, in the presence of Mrs.R. Dhanalakshmi and Mrs.P. Umadevi, Mr.Arockiyaraj and Mr.Govindaraj, Head Master. Mrs.N. Shanmuga Priya, Mrs.P. Aruna and Dr.G Aravindhan, Director, Athma Special School and Dr. K. Sheik Fareeth, Project Co-ordinator, Unnat Bharat Abiyan and Assistant Professor, Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 had delivered the special address about Righteous Anger among students. They delivered a speech to the children about the distinction between good and bad touch. A demonstration was shown on different information planning techniques. There were more than 150 high school students and six college students who participated in and benefited from this programme.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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TIRUCHIRAPPALLI – 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, conducted an awareness programme on “**Motivation Thought**” in the Lawrenz Matriculation School, Mullippatti, Olaiyur on **06.09.2019**. The Awareness Programme was conducted in the presence of Mr.P. Jayaraj and the Teachers. Dr. K. Mohamed Umar Farooq, Assistant Professor, Department of English, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 had explained about the importance of positive thinking, while facing problems in life, etc. There were 96 school students and 21 college students who participated in and benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, conducted an awareness programme on “**Alcoholism**” in the Gallery, Olaiyur on **06.09.2019**. The Awareness Programme was conducted in the presence of Mr. A. Arumairaj, Ex-Counsellor, Olaiyur. Mr.M.Bharathi Mohan, Project Coordinator, Kajamalai Ladies Association, Trichy delivered the special address about alcoholism through singing among people. The alcohol awareness cultural program was conducted by Mr.P. Lenin and Mr.S. Gandhi, Social workers, Kajamalai Ladies Association, Trichy. There were 200 people and 21 students present who and equally benefited from this programme.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20, and the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20, conducted the awareness programme on **“Youth Awareness”** in the Aarogiya Maadha Aalayam, Olaiyur on **06.09.2019**. Mr.Tiruneelakandan, District Youth Co ordinator, Nehru Yuvagendra, Trichy, Mr.R.Maheshwaran Accountant, Nehru Yuvagendra, Trichy, Mr.J.Prabhakaran, Assistant Professor, SVI College of Education and President of Mannachanallur Union Youth Councilor, Trichy had delivered the special address about enlightened on the importance of youth culture and the role of youth in nation building. The programme came to an end with massive success. There were 20 youth and 14 Students who participated in this awareness programme and benefitted from it.

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The Ummat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on “**Socio-Economic Survey**” in Olaiyur Village on **23.09.2019**. The survey started in the presence of Mr. C. Veluchamy, Former President, Olaiyur. The Socio-Economic Survey data was collected from 250 people, including 21 students.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on “**Socio-Economic Survey**” in Olaiyur Village on **25.09.2019**. The survey started in the presence of Mr. C. Veluchamy, Former President, Olaiyur. The Socio-Economic Survey data was collected from 250 people through 14 students.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 had conducted the programme on “**Prize Distribution**” in the Government Primary School, Olaiyur Village, Tiruchirappalli on **08.10.2019**. Dr. K. Sheik Fareeth, Project Co-ordinator, Unnat Bharat Abiyan & Assistant Professor, Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 handed out prizes to the sports competition winners. There were 80 school students who won prizes in various sports competitions.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on “**Socio-Economic Survey**” in Olaiyur Village on **14.10.2019**. The survey started in the presence of Mr. C. Mukkan, Former President, Olaiyur. The Socio-Economic Survey data collected from 75 people, including 24 students.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 had conducted the programme on **“Prize Distribution”** in the Governemnt High School, Olaiyur Village, Tiruchirappalli on **15.10.2019**. Mr. M. Rajalingam, Assistant Professor, Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli-20 had distributed the Prizes to the winners of the sports competition. There were 45 school students awarded prizes in various sports competitions.

The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on **“Socio-Economic Survey”** in Olaiyur Village on **18.10.2019**. The survey started in the presence of Mr. C. Mukkan, Former President, Olaiyur. The Socio-Economic Survey data was collected from 75 people, including 24 students.

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Umat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on “**Socio-Economic Survey**” in Poonampalayam Village on **01.11.2019**. The Socio-Economic Survey data was collected from 85 people, including 36 students.

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NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on “**Socio-Economic Survey**” in Gundur Village on **03.12.2019**. The Socio-Economic Survey data was collected from 195 people, including 85 students.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the survey on **“Briefing session on Household Surveys”** in Ulundhangudi, Atthani, Police Colony, Manachanalur on **20.01.2020**. The Socio-Economic Survey data was collected from the people including 50 students.

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 conducted the programme on **“Orientation about UBA Activities”** in Ulundhangudi, Atthani, Police Colony, Manachanalur on **22.01.2020**. There were 60 high school students and 32 college Students who benefited from this programme.

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3.3 Innovation Ecosystem

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The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 held a programme title “**Swachh Swasth Sarvatra**” in the Community Auditorium, Gandhi Nagar, Nagamangalam on **02.02.2020**. Ms.A.Shivpoornima Anbuselvan, Visiting Professor, Dr.G.V.N Institute of Medical Science, Trichy delivered the special address and explained that the Swachh Swasthya Sarvatra is a part of the Union Government’s flagship Swachh Bharat Mission and is focused on the twin objectives of constructing toilets and enabling behavioural change. It is a joint initiative of the Ministry of Health and the Ministry of Drinking Water and Sanitation to achieve better health outcomes through improved sanitation and increase awareness about healthy lifestyles. Its objective is to build on and the leverage achievements of two complementary programmes: Swachh Bharat Mission (SBM) and Kayakalp. Under it, financial assistance worth 10 lakh rupees will be given to the community health centres so that they can be strengthened to meet the standards of sanitation, hygiene and infection control. Along with this, Union Health Minister J P Nadda and Union HRD Minister Prakash Javadekar also jointly launched a booklet, Healthy Children Healthy India. The booklet contains tips on leading a healthy life for children. There were more than 50 people and 55 students who participated in and benefited from this programme.

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Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.1 Institution has created an ecosystem for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, incubation etc.



The Unnat Bharat Abhiyan Cell of Jamal Mohamed College (Autonomous), Tiruchirappalli-20 in collaboration with the Kajamalai Ladies Association (KLA), Tiruchirappalli conducted an awareness programme on “**Ill Effects of Alcoholism**” in the Government Primary School, Gundur, Tiruchirappalli on **25.02.2020**. Mr.M.Rajeshkannan, Counselor, Kajamalai Ladies Association (KLA), Tiruchirappalli had delivered the special address about the Ill Effects of Alcoholism. Chronic heavy drinking can also cause permanent brain damage, including Wernicke-Korsakoff syndrome, a brain disorder that affects memory. There were more than 50 people and 54 students who participated in and benefited from this programme.

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Criterion III Research, Innovations & Extension

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COVID-19 ACTIVITIES

Programme: 60



With the support of college principal and magnanimous management, The Unnat Bharat Abhiyan (UBA) Cell - Jamal Mohamed College (Autonomous), Tiruchirappalli-20 had distributed the sanitizers, face mask and 500 kg of rice to the 100 downtrodden families of Nehruji Nagar and Malar Nagar of Nagamangalam Panchayat on 1st April, 2020.

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In order to support and assist the State Government and Local Administration to overcome the chaotic corona pandemic, the College has generously facilitated the college campus to be used as Isolation Ward for suspected COVID-19 patients under testing. In this regard, As part of decongesting the isolation wards at the Mahatma Gandhi government hospital- Tiruchirappalli, 71 suspected patients under testing were shifted from GH to Jamal Mohamed College (Autonomous), Tiruchirappalli on 9th April, 2020. The patients were found to be under depression and struck with anxiety due to the isolation. As per the principal's instruction and with the due permission from the collectorate and other authorities, the UBA cell of Jamal Mohamed College (Autonomous), Tiruchirappalli organized a counselling programme for isolated patients under testing in association with the ATHMA Hospital, Trichy.

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Criterion III Research, Innovations & Extension

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Distributed 500 kg rice to the 100 downtrodden peoples of Ayanputhur village of Gundur village on 20.04.2020. Mr. Lakshmi Thiru Murugan -Village President, Dr.A.K. Khaja Nazeemudeen, Secretary and Correspondent, Hajee.M.J.Jamal Mohamed, Treasurer, Dr.S.Ismail Mohideen, Principal, Dr. H.E.Syed Mohamed, Assistant Professor of Zoology and Member Trustee, Nal Ullangal (An Alumni Association of JMC Students) and Dr.Sheik Fareeth, UBA Co-ordinator were distributed the rice bags to needy people.

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Criterion III Research, Innovations & Extension

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Distributed 625 kg rice to the 125 downtrodden peoples of Olaiyur village on 20.04.2020. Mr. Lakshmi Thiru Murugan -Village President, Dr.A.K. Khaja Nazeemudeen, Secretary and Correspondent, Hajee.M.J.Jamal Mohamed, Treasurer, Dr. S. Ismail Mohideen, Principal, Dr. H.E.Syed Mohamed, Assistant Professor of Zoology and Member Trustee, Nal Ullangal (An Alumni Association of JMC Students) and Dr.Sheik Fareeth, UBA Co-ordinator were distributed the rice bags to needy people.

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Criterion III Research, Innovations & Extension

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Distributed 500 kg rice to the 100 downtrodden peoples of Kolarpatti in front of Arokiamatha Church on 21.04.2020. Mr. Chinna Thambi-Village President, Mr. Kanagaraj, Counsellor, Dr.Fazil- Director, Dr.Syed, Trustee, Nal Ullangal Trust and Dr.Sheik Fareeth, UBA Co-ordinator were distributed the rice bags to needy people.

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JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI – 620 020

NAAC - SSR IV CYCLE

Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

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Distributed 375 kg rice to the 75 downtrodden peoples of Mudigandam village in front of Village Panchayat Office on 21.04.2020. Mr. Chinna Thambi-Village President, Mr. Kanagaraj, Counsellor, Dr.Fazil- Director, Dr.Syed, Trustee, Nal Ullangal Trust and Dr.Sheik Fareeth, UBA Co-ordinator were distributed the rice bags to needy people.

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