



ज्ञान-विद्यान विमुक्तये



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UGC-HRDC News is the yearly publication of the Human Resource Development Centre (Erstwhile the Academic Staff College), University of Kerala Thiruvananthapuram. This publication is meant for maintaining a constant dialogue between the HRDC on the one hand and the University Departments, Affiliated Colleges and Alumni of the HRDC on the other. Through this Newsletter we hope to establish meaningful contacts with a wider audience interested in the cause of higher education in this country. We submit the HRDC News to the academic community and welcome their valuable suggestions about its form and content.

LOCAL PROGRAMME PLANNING AND MANAGEMENT COMMITTEE (LPPMC) OF HRDC

1. **Chairman**
Dr. P. K. Radhakrishnan
Vice-Chancellor, University of Kerala
2. **Member Secretary**
Dr. S. V. Sudheer
UGC-HRDC, University of Kerala
3. **UGC - Nominee**
Dr. (Ms.) Meenakshi Gopinath
(Former Principal, LSR College, New Delhi), A-86, Nizamuddin East, New Delhi
4. **Four Senior Professors**
 1. **Dr. T. S. Anirudhan** (Dept. of Chemistry, University of Kerala)
 2. **Dr. G. Padma Rao** (Dept. of Malayalam, University of Kerala)
 3. **Prof. Lingaraj Gandhi** (Director, UGC-HRDC, Mysore University)
 4. **Prof. S. Kannan** (Director, UGC-HRDC, Madurai Kamaraj University)
5. **Registrar**, University of Kerala
(Ex-officio) - Special Invitee
6. **Finance Officer**, University of Kerala
(Ex-officio) - Special Invitee

From The Editor's Desk



Greetings from HRDC- University of Kerala!

The report published by the Ministry of Higher Education, Government of India in 2017-18 calls unveils several handicaps in higher education. Among 903 Universities, 343 Universities are privately managed, and 357 Universities are located in rural areas. 15 Universities are exclusively for women, with 4 in Rajasthan, 2 in Tamil Nadu, 1 each in Andhra Pradesh, Assam, Delhi, Haryana, Karnataka, Maharashtra, Odisha, Uttarakhand and West Bengal. There are 285 Affiliating Universities. The question is how far these educational institutions can provide quality education to Indian youth as per the global standards. For this, proper planning is needed to achieve the desired result with the help of UGC, AICTE. The availability of educational institutions of all types for the country stood at 12.4 per lakh Population. One crucial suggestion in this direction is to focus on the needs of the rural part of India. Although there are many educational centres in rural areas, the majority of the rural population cannot benefit from this. There are many reasons for the backwardness of rural India in achieving quality higher education. It includes a minimal number of institutions, limited funds marked for the development of educational institutions, lack of awareness etc. Here, the UGC-HRDCs have a major role in providing quality education in all parts of India, including rural areas, with the help of teachers.

I thank you all for your cooperation and support.

*Professor-Director
University of Kerala*

152nd ORIENTATION PROGRAMME [From 08.06.2017 To 05.07.2017]

COURSE REPORTS

The 152nd Orientation Programme conducted by UGC- Human Resource Development Centre, University of Kerala commenced on 8th June 2017. Dr. S.V. Sudheer, Director, UGC-HRDC introduced the course to the participants. In his inaugural address Dr. Sudheer emphasised the need for acquiring new teaching skills and class room methodology, and how to improve the student- teacher relation. 51 teachers participated in the Orientation Programme. The ice breaking session was effectively handled by Dr. Sonny Jose, faculty of Social Work, Loyola College of Social Sciences, Trivandrum. Mr. Anil Stephen, Assistant Professor, Department of Malayalam, B.C.M. College, Kottayam and Ms. Rekha Mathew, Assistant Professor, Department of Physics, Alphonsa College, Pala were selected as Convenors of the Programme.

The following topics were covered in the Programme:
Topic 1: Value based Education, Resource Person: Dr. Dinakarlal Thavamony, Topic 2: Stress Management, Resource Person: Dr. Dev Das Menon, Topic 3: Time Management, Resource Person: Dr. V. Reghu, Topic 4: Reflective Teaching, Resource Person: Dr. Rosamma Philip, Topic 5: Communicative English, Resource Person: Dr. K. Gopalakrishnan, Topic 6: University System-Components & Authorities, Resource Person: Dr. M. Sarngadharan, Topic 7: Legal Protection for Women and Children, Resource Person: Adv. Bhuvanendran Nair, Topic 8: Disaster Management, Resource Person: Dr. Thara K.G., Topic 9: Digital Learning, Resource Person: Dr. Senthilnathan, Topic 10: Music & Life, Resource Person: Dr. Arundhathi, Topic 11: Water Resource Management, Resource Person: Dr. E. Shaji, Topic 12: Mysteries of Universe, Resource Person: Dr. Prince P.R, Topic 13: Classroom Communication Techniques, Resource Person: Dr. Porgio, Topic 14: Challenges of new-age teaching, Resource Person: Dr. V.M. Santhosh, Topic 15: Edutainment: New mode of teaching and learning, Resource Person: Adv. S. Jithesh, Topic 16: Citation Techniques and MOOC, Resource Person: Dr. K. Satheesh Kumar, Topic 17: Living with Diseases, Resource Person: Dr. Aswini Kumar S., Topic 18:

History of Education, Resource Person: Dr. Alexander Jacob IPS, Topic 19: Interpersonal Relationship, Resource Person: Dr. Justin Padamadan, Topic 20: Service Rules, Resource Person: Sri. Natesan Asary, Topic 21: Nuclear: Clean and Green Energy, Resource Person: Sri. A.V. Sathish, Topic 22: Health and Wellness, Resource Person: Dr. Usha S. Nair, Topic 23: Pesticides and residues in food and their impact, Resource Person: Dr. Thomas Biju Mathew, Topic 24: RTI, Resource Person: Sri. T. Manoharan Nair, Topic 25: Self-awareness and Counselling, Resource Person: Fr. Joye James, Topic 26: Academic Writing Skills, Resource Person: Dr. K.P. Vijayakumar, Topic 27: Fire and Rescue services in Disaster Management, Resource Person: Sri. Prathap Kumar K. S., Topic 28: International Relations, Resource Person: Ambassador T.P. Sreenivasan.

A one day field visit was organised to The Indian Space Museum, VSSC, Trivandrum and Kerala Agricultural University, Vellayani, Trivandrum. Microteaching videos were analysed by Dr. Theresa Susan and she gave very constructive remarks about the teaching methods. The Project Evaluation was done by **Dr. V. Biju, Dr. Resia Beegam, and Dr. P.P Ajayakumar.** Time allocated for Cultural programme was effectively utilised by the participants in conducting cultural activities as well as yoga and exercise session. The Valedictory session of the orientation programme was conducted on 5th July 2017. Participants thanked Dr. S.V. Sudheer and the entire staff of UGC- HRDC for their excellent conduct of the programme.

19th REFRESHER COURSE IN HUMAN RIGHTS [From 13.06.2017 To 03.07.2017]

The UGC sponsored Refresher Course in Human Rights (Multidisciplinary) was conducted from 13.06.2017 to 03.07.2017. Forty three faculty members from various disciplines of different colleges and universities across the country attended the programme. Dr. S.V Sudheer, Director, UGC -HRDC, addressed the participants after meeting them personally, in which he briefed about the objectives and the general overview of the programme. Dr. Joseph Antony, Head, Dept. of Political Science, University of Kerala, the course co-coordinator conducted the ice breaking session ensuring a high level of interaction among the participants.

Dr. Aneesh V. Pillai, Asst. Professor, School of Legal Studies, CUSAT and Mrs. Liny Jose K. Asst. Professor, Govt. Law College, Ernakulam were selected as the convenors of the programme.

The following topics were discussed and deliberated during the course: **Topic 1: Human Rights and Constitutional Rights; Resource Person: Prof. N. K. Jayakumar, Topic 2: Human Rights - Concept and Evolution; Resource Person: Dr. C. A. Josukutty, Topic 3: UN & HR; Resource Person: Amb. T. P. Sreenivasan, Topic 4: Stress Management; Resource Person: Dr. Kiran Kumar. S, Topic 5: Human Rights and Police; Resource Person: Dr. P. J. Alexander, Topic 6: RTI; Resource Person: Sri. T. Manoharan Nair, Topic 7: Transgender Rights; Resource Person: Dr. Muraleedharan Tharayil, Topic 8: Human Rights; Resource Person: Prof. N. R. Madhava Menon, Topic 9: History of Human Rights; Resource Person: Dr. Alexander Jacob IPS, Topic 10: Health & Wellness; Resource Person: Dr. Usha S. Nair, Topic 11: Human Rights and Judiciary; Resource Person: Justice K. T. Thomas, Topic 12: Civil Law; Resource Person: Dr. Bismi Gopalakrishnan, Topic 13: Health as Right; Resource Person: Dr. B. Ekba, Topic 14: Transgender Issues; Resource Person: Ms. Sheethal Syam, Topic 15: Nuclear and Rights of Man; Resource Person: Dr. S. P. Udayakumar, Topic 16: Rights of women and children; Resource Person: Adv. Bhuvanendran Nair, Topic 17: University System – Components & Authorities; Resource Person: Dr. M. Sarngadharan, Topic 18: Cultural Relativism; Resource Person: Prof. A. K. Ramakrishnan, Topic 19: Service Rules for College Teachers; Resource Person: Prof. K. S. Jayachandran, Topic 20: Nuclear: Clean and green energy; Resource Person: Shri. A. V. Sathish, Panel Discussion on Media and Human Rights, Resource Persons: – Dr. Shaji Varkey, Sri. Gouridasan Nair and Dr. Meena T. Pillai, Topic 21: Human Rights and Multiculturalism; Resource Person: Prof. G. Gopakumar.**

The project presentation of the participants were evaluated by **Dr. Joseph Antony**, Head, Dept. of Political Science, University of Kerala and **Dr. Sajad Ibrahim**, Associate Professor, Dept. of Political Science, University of Kerala. The field trip to Veli Lake, Thumba Church Perumathura Beach, Kappil and Vakkam,

Anchuthengu and Varkala Beach was really a refreshing one for the participants.

In the feedback session the participants expressed their gratitude for the efforts taken by **Dr. S. V. Sudheer**, Director, UGC-HRDC and **Dr. Joseph Antony**, Head, Dept. of Political Science, University of Kerala. The extremely co-operative attitude of the staff of the UGC HRDC was also acknowledged by the participants.

REFRESHER COURSE IN SPECIAL SUMMER SCHOOL

[From 11-07-2017 to 31-07-2017]

The Refresher Course in Special Summer School commenced on 11.07.2017. The programme was inaugurated by **Dr. S. V. Sudheer**, Director, UGC-HRDC, University of Kerala. **Dr. S. V. Sudheer** welcomed the participants and briefed programme profile. In the welcome speech the Director highlighted the importance of teacher in the new era and specified about his responsibility in re-modulating the present society. **Dr. Pramod G. Nair**, Asst. Professor, S. N. Training College, Nedunganda, Trivandrum and **Dr. Bindu Joseph**, Asst. Professor, St. Joseph's Training College for Women, Ernakulam were selected as Convenors of the programme. The ice-breaking session was handled by **Dr. Sonny Jose**, Faculty of Loyola College of Social Sciences, Trivandrum.

The programme comprised sessions on the following topics: **Topic 1: Challenges of new-age teaching, Resource Person: Dr. V. M. Santhosh, Topic 2: Teaching how to learn, Resource Person: Prof. Rajan Gurukkal, Topic 3: Effective Communication, Resource Person: Dr. N. Sankaran, Topic 4: Stress Management, Resource Person: Dr. Kiran Kumar, Topic 5: Nuclear: Clean and green energy, Resource Person: Shri. A. V. Sathish, Topic 6: Time Management, Resource Person: Dr. V. Reghu, Topic 7: Transgender Studies, Resource Person: Dr. Muraleedharan Tharayil, Topic 8: RTI, Resource Person: Sri. T. Manoharan Nair, Topic 9 : Yoga in Education, Resource Person: Dr. Lalitha & Mr. T. Chandrasekharan Nair, Topic 10: Introduction to Human Rights, Resource Person: Dr. Bismi Gopalakrishnan, Topic 11: Energy and Environment, Resource Person: Dr. R. V. G. Menon, Topic 12: Living with Diseases, Resource Person: Dr. Aswini Kumar S., Topic 13: API Score, Resource Person:**

Dr. S. V. Sudheer, Topic 14 : Health and Wellness, Resource Person: Dr. Usha S. Nair, Topic 15 : Fire & Rescue services in Disaster Management, Resource Person: Sri. Prathap Kumar, Topic 16: Women Empowerment, Resource Person: Adv. Bhuvanendran Nair, Topic 17: Sense making through language : A new approach, Resource Person: Prof. K. Gopalakrishnan, Topic 18: Edutainment or Infotainment : New mode of teaching & learning, Resource Person: Adv. S. Jithesh, Topic 19: Classroom Communication Techniques, Resource Person: Dr. G. Porgio, Topic 20: Music & Life, Resource Person: Dr. B. Arundhathi, Topic 21: Service Rules, Resource Person: Sri. Natesan Asary, Topic 22: GST, Resource Person: Dr. N. Ramalingam.

On 26.07.2017, 27.07.2017, 28.07.2017 & 29.07.2017 the Project Presentations were held. **Dr. Resia Beegam, Dr. Cyril, Dr. Ramesh Kumar, Dr. Ganga Prasad** chaired the sessions. The participants went on an enjoyable trip to Kottoor Elephant Rehabilitation Centre, Neyyar Dam on 25.07.2017.

In the feedback session held on 31.07.2017 the participants specially mentioned the dedication, responsibility and enthusiasm of Dr. S. V. Sudheer for the smooth conduct of the programme and the extremely co-operative and amiable attitude of the staff of UGC-Human Resource Development Centre.

REFRESHER COURSE IN COMPARATIVE INDIAN LITERATURE

[From 13.07.2017 To 02.08.2017]

The Refresher Course in Comparative Indian Literature was held at the UGC – Human Resource Development Centre, University of Kerala from 13.07.2017 to 02.08.2017. The course was inaugurated by Dr. S.V Sudheer, Director, UGC – Human Resource Development Centre. The Introduction of the participants was led by the co-ordinator of the course, Dr. G. Padma Rao, Professor, Department of Malayalam University of Kerala, Kariavattom. Dr. Geege Jonamma Xavier, Asst. Professor, Department of Malayalam, St. Xavier’s College, Aluva and Mr. Sreekumar. P.K, Asst. Professor, Department of English, Govt. College, Tripunithura were selected as the convenors of the Course.

The following topics on Comparative Indian Literature were discussed during the different sessions of the

programme: **Topic 1: Theoretical codes and boundaries in comparative Literature, Resource Person: Dr. D. E Benet, Topic 2: Transgender Studies, Resource Person: Dr. Muraleedharan Tharayil, Topic 3: Contrastive Linguistic and Translation, Resource Person: Dr. N. Suresh, Topic 4: Ensuring Communicative proficiency while teaching second languages, Resource Person: Dr. Lal. C.A, Topic 5: Translation, post modernity and comparative literature, Resource Person: Dr. Arun Lal, Topic 6 : API Score, Resource Person: Dr. S. V. Sudheer (Director HRDC), Topic 7: Service rules for college teachers, Resource Person: Prof. K. S. Jayachandran, Topic 8: Media and Society, Resource Person: Dr. C. S. Venkiteswaran, Topic 9: Stress Management, Resource Person: Dr. Kiran Kumar, Topic 10: Time management, Resource Person: Dr. V. Reghu, and afternoon session was Resource Sharing Sessions of participants, Topic 11: Literary implications of post-colonial thought, Resource Person: Dr. V. M. Santhosh, Topic 12: Translation and Adaptation, Resource Person: Dr. K. M. Sherrif, Topic 13 : Translation and Culture, Resource Person: Dr. B. Hariharan, Topic 14: Diaspora Studies, Resource Person: Dr. Joseph Koyippally, Topic 15: 21st Century Trends, Resource Person: Prof. K. Gopalakrishnan, Topic 16: Fire & Rescue service in Disaster Management, Resource Person: Sri. Prathap Kumar, Topic 17: Writings from the North East, Resource Person: Dr. P. P. Ajayakumar, Topic 18: Reading contemporary Fiction, Resource Person: Dr. V. Rajakrishnan, Topic 19 & 20: Painting & Literature, Resource Person: Dr. C. S. Jayaraman, Topic 21: Comparative Studies Methodology, Resource Person: Dr. Scaria Zacharia, Topic 22: Theatre, Resource Person: Dr. P. N. Prakash.**

All the participants have successfully done their project presentation as part of the course. A feedback questionnaire on various aspects of the programme was distributed to the participants. All the participants unanimously indicated that the refresher course was beneficial to them, in all respects. The participants appreciated the infrastructure facility of the UGC-HRDC, whole heartedly. They expressed their deep sense of gratitude towards Dr. S. V. Sudheer, Director, UGC-Human Resource Development Centre, for his personnel interest and valuable advices. All the participants expressed their gratitude to the office staff

for their ungrudging help. The programme concluded on 02.08.2017.

153rd ORIENTATION PROGRAMME **[From 04.08.2017 To 31.08.2017]**

The 153rd IT oriented Orientation Programme conducted by UGC- Human Resource Development Centre, University of Kerala commenced on 04th August 2017. Dr. S.V. Sudheer, Director, UGC- HRDC introduced the course to the participants. In his inaugural address Dr. Sudheer emphasised the need for acquiring new teaching skills and class room methodology, and how to improve the student- teacher relation. The ice breaking session was effectively handled by Dr. Sonny Jose, Assistant Professor of Social Work, Loyola College of Social Sciences, Trivandrum. Ms. Jyothi Lekshmi T.M, Assistant Professor, Department of Sanskrit, KSMD College, Sasthamcotta and Fr. Shoji Varghese, Assistant Professor Department of Commerce, Mar Ivanios College, Trivandrum were selected as Convenors of the Programme.

The following topics were covered in the Programme:
Topic 1: Stress Management, Resource Person: Dr. Dev Das Menon, Topic 2 : Disaster Management, Resource Person: Dr. Thara K.G, Topic 3: Sense making through language: A new approach, Resource Person: Prof. K. Gopalakrishnan, Topic 4: Reflective Teaching, Resource Person: Dr. Rosamma Philip, Topic 5: Living with Diseases, Resource Person: Dr. Aswini Kumar S, Topic 6: Time Management, Resource Person: Dr. V. Reghu, Topic 7: Women Empowerment, Resource Person: Adv. Bhuvanendran Nair, Topic 8: Professional Excellence, Resource Person: Dr. V.M Santhosh, Topic 9: Pesticides and residues in food and their impact, Resource Person: Dr. Thomas Biju Mathew, Topic 10: Transgender Studies, Resource Person: Dr. Muraleedharan Tharayil, Topic 11: Fire and Rescue service in Disaster Management, Resource Person: Sri. Prathap Kumar, Topic 12: International Relations, Resource Person: Ambassador T.P Sreenivasan, Topic 13: RTI, Resource Person: Sri T Manoharan Nair, Topic 14: Classroom Management, Resource Person: Prof. Dr. S.V Sudheer, Topic 15: Value Based Education, Resource Person: Dr. Dinakarlal Thavamony, Topic 16:

Edutainment or Infotainment : New mode of teaching & learning, Resource Person: Adv. S. Jithesh, Topic 17: Classroom Communication Techniques, Resource Person: Dr. G. Porgio, Topic 18: History of Education, Resource Person: Dr. Alexander Jacob IPS, Topic 19: Yoga, Resource Person: Mr. Roopesh, Topic 20: Health & Wellness, Resource Person: Dr. Usha S. Nair, Topic 21: Presentation of Project Work, Resource Person: Dr. P.P. Ajayakumar, Topic 22: Video Analysis, Resource Person: Dr. Theresa Susan A, Topic 23: Nuclear : Clean and green energy, Resource Person: A.V. Satheesh, Topic 24: Service Rules for college teachers, Resource Person: Prof. K.S. Jayachandran, Topic 25: Digital Learning, Resource Person: Dr. S. Senthilnathan, Topic 26: Presentation of Project work, Resource Person: Dr. K.P. T.S. Anirudhan, Topic 27: Video Analysis, Resource Person: Dr. Theresa Susan. A, Topic 28: Presentation of Project work, Resource Person: Dr. Resia Beegam, Topic 29: Interpersonal relationship, Resource Person: Dr. Justin Padamadan.

The participants went on a field trip to Poovar lake and came back refreshed after a jolly boat ride. Microteaching videos were analysed by Dr. Theresa Susan and she gave very constructive remarks about the teaching methods. The project evaluation was done by **Dr. T. S. Anirudhan, Dr. Resia Beegam and Dr. P. P. Ajayakumar.** The Valedictory session of the Orientation Programme was conducted on 3rd August 2017. The whole hearted and timely involvement of the Director and sincere and extreme co-operative attitude of the administrative staff were specially mentioned.

REFRESHER COURSE IN RENEWABLE ENERGY **[From 09-08-2017 to 29-08-2017]**

The first Refresher Course in Renewable Energy sponsored by UGC was conducted at Human Resource Development Centre, University of Kerala from 09th August 2017 to 29 August 2017.

The course started with the inaugural address of Dr. S. V. Sudheer, Director of UGC-HRDC Centre, University of Kerala. He briefed the objectives and overview of this course in a detailed manner, since this is the first course under the topic on renewable energy. In his speech, he pointed out the importance of renewable energy sources and their effective usage for

a better and improved economic and social development of our country and the role of teachers in its development. This course was of interdisciplinary in nature. Hence the participants included faculty from all science discipline. Dr. S.M.A. Shibli, Associate professor of Department of Chemical Sciences, University of Kerala, was the coordinator of this refresher course. He also explained the relevance of this topic and motivated all the participants to prepare project related to this topic so as to get a familiarity with the course and its importance. Dr. Shibli coordinated the icebreaking session where all the participants were introduced each other and well interacted. Dr. Saji Alex, Assistant Professor of chemistry, Government College for women, Thiruvananthapuram and Dr. K. S. Sreelatha, Assistant Professor of Physics, Government College, Kottayam were selected as the conveners of this refresher course.

The following topics were covered during the Refresher Course: **1. Lithium ion Battery; an overview, Dr. Aiswarya Samridh, VSSC, Thiruvananthapuram, 2. Super Capacitors. Dr. Rakhi. R.B, NIIST, Thiruvananthapuram, 3. Organic Electronics, Dr. K. N. NarayananUnni, NIIST, 4. DSCs personalized solar technology naturally, Dr. Suraj Soman, DST-INSPIRE Faculty, NIIST, Thiruvananthapuram, 5. Combining energy and power hybrid ion capacitors, Dr. Shaijumon, IISER, Thiruvananthapuram, 6. Renewable energy: organizational measures in India, Dr. S. M. A. Shibli, 7. Gender Studies, Dr. Muraleedharan Tharayil, Loyola College, 8. Energy Conservation in Industry, Dr. P. M. C. Nair 9. Biofuel and energy security, Dr. Binod Parameswaran 10. Basics of Solar Cells: Physics and Materials, Dr. K. P. Vijayakumar, CSIR Emeritus Professor, CUSAT, 11. Biogas production by anaerobic digestion; Dr. Jayaraj, NIT Kozhikkode, 12. Gasification of Biomass, Dr. K. Muraleedharan 13. Hydrogen and Fuel cells: Key enabling Technologies for renewable energies, Dr. Shaneeth M 14. Nano Photocatalytic materials, Dr. S. Sugunan, CUSAT, 15. Semiconductor nanomaterials for solar energy applications, Dr. Pradeepan Periyat, 16. Thin film solar cells with abundant Cu_2ZnSnS_4 absorber, Dr. S. N.Potty 18. Service Rule, Dr. Jayachandran, 19. Advances in Lithium ion Battery, Dr. Bibin John 20. Electro Chemical energy conservation, Dr. S. M. AShibli 21. Class room Management, Dr. S. V. Sudheer 22. Stress Management, Dr. Kirankumar**

23. Biodiversity conservation and energy conservation, Dr. Ajith Kumar 24. Prospectus of Renewable Energy in Kerala, Dr. Ajith Gopi, ANERT. All the topics were relevant to the objective of this refresher course and all the participants got an awareness of what is happening in renewable energy field. The project presentation by the participants was evaluated by **Dr. S.M.A Shibli.**

The participants went for a field visit to Poovar and Kovalam beach during the course. The trip was very refreshing and included boat trip also through the mangrove meadows and all the participants were enjoyed very much. The trip was coordinated by Sri Shafeerkhan of Iqbal College, Peringammala and Sri. Syamkumar S.U. of NSS College Nilamel. The participants celebrated Onam in a grand manner with activities such as thiruvathirakali, sundarikupottuthodal, onappattukal, passing the hat. All the participants and the staff of HRDC including the Director were actively participated and enjoyed well. Dr. Dinesh Babu K.V. of Government College for women- one of the participants, gave a meaningful onam message. The Onam celebration ended with a special onasadya. The onam programme was coordinated by Sri. Aravind K., of S. B. College, Changanassery and Smt. Smitha M. of NSS College Manjeri. The programme as whole was highly appreciated by the participants as they were exposed to many areas of renewable energy and its advantages, different research areas in this fields, its commercial aspects and suggestions for the proper utilization of the our natural resources. The general topics such as gender studies, class room management, and stress management were highly interesting and greatly appreciated. These appreciations are evident from the feedback. The participants also got an opportunity to visit the sophisticated instrumentation facility of Kerala University which was arranged by the coordinator Dr. S. M. A. Shibli. The twenty one days refresher course came to a successful completion on 29th August with a feedback session chaired by Dr. S. V. Sudheer, Participants conveyed their deep appreciation, and gratitude along with suggestions in this session The whole hearted effort of all the staff of UGC-HRDC Centre under the wonderful leader Dr. S. V. Sudheer was greatly appreciated during the session.

**SHORT TERM COURSE IN STUDENT
COUNSELLING AND MENTORING
[From 30.10.2017 To 04.11.2017]**

The One Week Short Term Course in Student Counselling and Mentoring sponsored by RUSA was conducted at UGC-HRDC, University of Kerala, Trivandrum from 30.10.2017 to 04.11.2017. There were 48 participants from different universities in Kerala, Tamilnadu and Karnataka. Fr. Joye James S J, Manager & Rtd. Professor, Loyola college of Social Sciences, Thiruvananthapuram, was the Course Coordinator. Dr. T.C Thankachan, Assistant Professor, St. Thomas College of Teacher Education, Pala and Dr Suramya Mathai, Assistant Professor, Titus II Teachers College, Tiruvalla were the convenors of the course. Renowned resource persons enlightened the participants on various perspectives of student counseling, mentoring process, guiding the younger generation, psychological approach to student counseling and mentoring, etc.

The list of resource persons and topics are added below: **Topic 1 : Self Awareness, Resource Person : Fr. Joye James S. J., Topic 2: Introduction to Counselling, Resource Person: Mrs. Dia Therese, Topic 3 : Counselling Process, Resource Person : Mrs. Leena S. T., Topic 4: Counselling Approaches, Resource Person : Dr. Pramod S. K., Topic 5: Counselling Skills, Resource Person : Mrs. Aroline K. Tom, Topic 6: Dealing with Emotions, Resource Person : Fr. Joye James S. J., Topic 7 : Adolescent Mental Health, Resource Person : Dr. Arun B. Nair, Topic 8 : Self Esteem, Resource Person : Fr. Ephrem Thomas, Topic 9: Behaviour Therapy, Resource Person : Dr. Kiran Kumar, Topic 10: Youth Psychology, Resource Person : Dr. Sonny Jose, Topic : 11: Mentoring, Resource Person: Dr. M. K. George.**

The short term course was a very refreshing experience for the participants. The book release was another highlight of the course. The Edited book titled "Counselling and Mentoring for 21st Century Learners" (ISBN: 978-81-908006-6-2) was prepared and contributed by 43 teachers. Dr. S.V. Sudheer, Director, UGC-HRDC, University of Kerala was the editor of the book. His presence, guidance and motivation inspired all the participants. The book was released on 4th November at the UGC-HRDC and the first copy was received by the Senior Participant of the course, Sr.

Merciamma Mathew T. proved the inquisitiveness, professional competence and sincere collaboration of the team members.

The short term course ended up on 04.11.2017 with a valedictory and feedback session. The participants appreciated the efforts taken by Prof. (Dr) S.V. Sudheer and all the staff of UGC-HRDC to make the course fruitful, outstanding and memorable. We proudly say that this short term course created and joined a group of motivated academic fraternity, who became the *ambassadors of change* in the attitude and mentality towards leading and guiding the younger generation.

**154th ORIENTATION PROGRAMME
[Sponsored by RUSA]
[From 02.11.2017 To 29.11.2017]**

The 154th Orientation Programme sponsored by RUSA commenced on 2nd November 2017. Dr. S.V. Sudheer, Director, UGC- HRDC inaugurated and introduced the course to the participants. 47 teachers participated in the Orientation Programme. The ice breaking session was effectively handled by Dr. Sonny Jose, Assistant Professor of Social Work, Loyola College of Social Sciences, Trivandrum. Dr. Dhanya Raveendran, Assistant Professor, Department of English, Govt. Polytechnic College, Kalamassery, and Mr. Martin, Assistant Professor, Department of Economics, Maharaja's College, Ernakulam were selected as Convenors of the Programme.

The following topics were covered in the Programme: **Topic 1: Value Based Education, Resource Person: Dr. Dinakaral Thavamony, Topic 2 : Women Empowerment, Resource Person: Adv. Bhuvanendran Nair, Topic 3 : Stress Management, Resource Person: Dr. Dev Das Menon, Topic 4: Introduction to Human Rights, Resource Person: Dr. Bismi Gopalakrishnan, Topic 5: Water Resource Management, Resource Person: Dr. E. Shaji, Topic 6: Disaster Management, Resource Person: Dr. Thara K. G, Topic 7: Reflective Teaching, Resource Person: Dr. Rosamma Philip, Topic 8: Music & Life, Resource Person: Dr. B. Arundhathi, Topic 9 : Academic Writing Skills, Resource Person: Dr. K. P. Vijayakumar, Topic 10: Pesticides and residues in food and their impact, Resource Person: Dr. Thomas Biju Mathew, Topic 11: Living with**

Diseases, Resource Person: Dr. Aswini Kumar S, Topic 12: Gender Studies, Resource Person: Dr. Muraleedharan Nair, Topic 13: Health & Wellness, Resource Person: Dr. Usha S. Nair, Topic 14: Time Management, Resource Person: Dr. V. Reghu, Topic 15: API Score, Resource Person: Dr. S. V Sudheer (Director, HRDC), Topic 16: Adolescent Mental Health, Resource Person: Dr. Devika, Topic 17: Edutainment or Infotainment : New mode of teaching & learning, Resource Person: Adv. S. Jithesh, Topic 18: History of Education, Resource Person: Dr. Alexander Jacob IPS, Topic 19: Yoga, Resource Person: Mr. Roopesh, Topic 20: Nuclear : Clean and green energy, Resource Person: Sri A. V. Sathish, Topic 21: Interpersonal Relationship, Resource Person: Dr. Justin Padamadan, Topic 22: Fire & Rescue services in Disaster Management, Resource Person: Sri. Prathap Kumar, Topic 23: Classroom Communication Techniques, Resource Person: Dr. Porgio, Topic 24: MOOCs Moodle, Resource Person: Dr. K. Satheesh Kumar, Topic 25: Service rules for college teachers, Resource Person: Prof. K. S. Jayachandran, Topic 26: Video Analysis, Resource Person: Dr. Theresa Susan A, Topic 27: Classroom Management, Resource Person: Dr. S.V. Sudheer (Director, HRDC), Topic 28: RUSA Rules & Regulations, Resource Person: Dr. Biveesh, Topic 29 : Self Awareness, Resource Person: Fr. Joye James.

A one day field visit was organised to Poovar Lake, Trivandrum, on 17th November 2017. The project evaluation was done by **Dr. P. P. Ajayakumar, Dr. V. Biju & Dr. Resia Beegam**. The Valedictory session of the Orientation Programme was conducted on 29th January 2017. The participants expressed their deep appreciation for the excellent conduct of the course and placed on record their gratitude towards the Director and his team for their support throughout the course.

REFRESHER COURSE IN LIFE SCIENCES

[From 08-11-2017 To 28-11-2017]

The Refresher course in Life Sciences sponsored by RUSA began on 08-11-2017 at the UGC-HRDC, University of Kerala. The course was inaugurated by Dr. A. G. Pandurangan, Director, Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Palode,

Thiruvananthapuram. He delivered a lecture on the topic Plant Biodiversity of India - Status and Trends. Dr. Suhara Beevi S., Associate Professor & Head, Department of Botany, University of Kerala was the Co-ordinator of the course. She conducted the ice breaking session. Dr. AnilKumar V. S. and Dr. T. S. Preetha, both from the Department of Botany, University College, Thiruvananthapuram were selected as the Convenors of the course.

The course covered various topics in Life Sciences as following: **Topic 1: Environmental Protection, Biodiversity Act & Rules, Resource Person: Dr. Oommen V. Oommen, Topic 2: Searching for Panaceas through chemoprofiling of medicinal plants – Phytochemistry Research, Resource Person: Dr. K. V. Radhakrishnan, Topic 3: Gene mapping in crop plants using molecular markers, Resource Person: Dr. C. Mohan, Topic 4: Harmful Algae and Food Poisoning, Marine Biodiversity of India and marine bioprospecting, Resource Person: Dr. K. Padmakumar, Topic 5: Molecular Biology Techniques, Genomics and Methodologies, Resource Person: Dr. Maya Nanda Kumar, Topic 6: Leptospirosis, Resource Person: Dr. Iype Joseph, Topic 7: In vitro tissue constructs for regenerative therapy, Resource Person: Dr. Anil Kumar P. R., Topic 8: Micro tubule cytoskeleton in cell polarity, Resource Person: Dr. Tapas K. Manna, Topic 9: Plant Physiology in relation to abiotic stresses, Resource Person: Dr. Jos T. Puthur, Topic 10: Molecular markers in plant genome analysis with reference to Rubber tree, Resource Person: Dr. Thaku Das Saha, Topic 11: Waste water factories, Microbial ecology of husk retting in Brackish water, Resource Person: Dr. Krishnakumar B., Topic 12: Confocal Microscopy, Resource Person: Dr. T. R. Santhosh Kumar, Topic 13: Service Conditions & Service Rules, Resource Person: Prof. K. S. Jayachandran, Topic 14: Natural Product Chemistry – Basics & Applications, Resource Person: Dr. Sabulal, Topic 15: Stress Management, Resource Person: Dr. Kiran, Topic 16: Basic Principles behind interpretations of NMR Spectra, Resource Person: Dr. Ravi Shankar, Topic 17: Citation Network Analysis, Resource Person: Dr. Satheesh Kumar K., Topic 18: Vanishing fauna, Resource Person: Dr. G. Prasad, Topic 19: Green Technology in Pest**

Management, Resource Person: Dr. Jaya Prakash, Topic 20: Sugarcane genetic resources, Protection of Plant Variety & Farmer's Right Act, Resource Person: Dr. K. Chandran, Topic 21: Proteomics, Mass Spectroscopy –based proteomics, Resource Person: Dr. Abdul Jaleel, Topic 22: API Score, Resource Person: Dr. S. V. Sudheer, Topic 23: Environmental Ethics, Resource Person: Dr. D. Narasimhan, Topic 24: Value addition of food Products and Agri Produce, Resource Person: Dr. Nisha P., Topic 25: Biodiversity Targets 2020, Resource Person: Dr. A. Biju Kumar, Topic 26: An Introduction to Nano Science & Technology, Nano Particles in Tissue Engineering Applications, Resource Person: Dr. Nanda Kumar Kalarickal.

The participants went for an enjoyable field trip to Club Mahindra Resort, Poovar on 23.11.2017 and it will remain as an memorable event in everybody's thoughts. The boating through the islands water ways was awesome. The sight of mangroves and some birds was exciting sceneries. Project presentations of the participants were held on 21st, 25th and 27th November. **Dr. Salom Gnana Thanga** (Professor, Department of Environmental Sciences, University of Kerala), **Dr Mini S** (Professor, Department of Biochemistry, University of Kerala) and **Dr T. S. Swapna** (Professor, Department of Botany, University of Kerala) chaired the sessions. The course came to an end on 28.11.2017 with the valedictory session. The feedback from the participants about the content reflected the success of the programme, they gave valuable suggestions for further improvement and everybody wholeheartedly appreciated Dr. S. V. Sudheer and the entire Administrative Staff for their co-operation and help.

**SHORT - TERM COURSE IN WOMEN
EMPOWERMENT (Sponsored by RUSA)
[From 06.11.2017 To 11.11.2017]**

A Short-Term Course in Women Empowerment was held from 06.11.2017 to 11.11.2017. The course was formally inaugurated by Dr. S. V Sudheer Director, UGC-HRDC, University of Kerala. Dr. Asha S. Nair, Assistant Professor, Department of Hindi, NSS College for Women, Neeramankara, Trivandrum and Dr. C. S. Suchith, Assistant Professor & HOD, Department of

Hindi, University of Kerala, Kariavattom were selected as Convenors of the Programme.

The following topics were discussed during the duration of the Programme: **Topic 1: Experiences with Kudumbasree, Resource Person: Dr. K. B. Valsalakumari IAS, Topic 2: Gender Budgeting, Resource Person: Dr. Mridul Eapen, Topic 3: Interaction with social activist, Resource Person: Smt. C. K. Janu, Topic 4: This Session handled by Director, UGC-HRDC, Topic 5: Patriarchy and gender relation in kerala, Resource Person: Dr. Sheeba K.M, Topic 6: Women & Media, Resource Person: Prof. Manjula Bharati, Topic 7: Modes of Empowerment, Resource Person: Dr. Laura Dameris, Topic 8: Women & Uniform civil code, Resource Person: Dr. T.G. Agitha, Topic 9 : Legal protection of women in India, Resource Person : Adv. Bhuvanendran Nair, Topic 10: Empowerment of the marginalised, Resource Person: Dr A.K. Jayasree, Topic 11: Contemporary gender issues in Kerala Society, , Resource Person: Dr. Mallika M. G.**

The course was successfully completed on 11.11.2017 with evaluation and feedback sessions in which the participants shared their experiences and sought suggestions for further improvements.

**155th ORIENTATION PROGRAMME
(Sponsored by RUSA)
[From 22.11.2017 To 19.12.2017]**

The 155th Orientation Programme sponsored by RUSA commenced on 22nd November 2017. Dr. Jacob John Kattakayam, former Director of UGC-HRDC, inaugurated the course to the participants. 48 teachers participated in the Orientation Programme. The ice breaking & Communication Skills session was effectively handled by Mrs. Aroline K. Tom Assistant Professor, Department of Counselling Psychology, Loyola College, Trivandrum. Mr. Binsai Sebastian, Assistant Professor, Department of Management Studies, S.B College, Changanacherry and Ms. Shemeena Fauzia, Assistant Professor (English), Department of General Subjects, Govt. Polytechnic College, Punalur were selected as Convenors of the Programme.

The following topics were covered in the Programme:

Topic 1: Value Based Education, Resource Person: Dr. Dinakaral Thavamony, Topic 2: Water Resource Management, Resource Person: Dr. E. Shaji, Topic 3: Stress Management, Resource Person: Dr. Dev Das Menon, Topic 4: Introduction to Human Rights, Resource Person: Dr. C. A. Josukutty, Topic 5: Mysteries of the Universe, Resource Person: Dr. Prince P. R, Topic 6: Disaster Management, Resource Person: Dr. Thara K. G, Topic 7: Adolescent Mental Health, Resource Person: Dr. Arun B. Nair, Topic 8: Reflective Teaching, Resource Person: Dr. Rosamma Philip, Topic 9: Communicative English, Resource Person: Prof. K. Gopalakrishnan, Topic 10: Pesticides and residues in food and their impact, Resource Person: Dr. Thomas Biju Mathew, Topic 11: Interpersonal Relationship, Resource Person: Dr. Justin Padamadan, Topic 12: Women Empowerment, Resource Person: Dr. Adv. Bhuvanendran Nair, Topic 13: Service rules for college teachers, Resource Person: Prof. K. S. Jayachandran, Topic 14: Academic Writing Skills, Resource Person: Dr. K. P. Vijayakumar, Topic 15: Edutainment or Infotainment : New mode of teaching & learning, Resource Person: Adv. S. Jithesh, Topic 16: Epidemics as a biological disaster, Resource Person: Dr. Amar S. Fettle, Topic 17: Soft Skills Development, Resource Person: Dr. V. M Santhosh, Topic 18: RTI, Resource Person: Sri. T. Manoharan Nair, Topic 19: Nuclear : Clean and green energy, Resource Person: Sri A. V. Sathesh, Topic 20: Living with Diseases, Resource Person: Dr. Aswini Kumar S, Topic 21: Fire & Rescue service in Disaster Management, Resource Person: Sri. Prathap Kumar, Topic 22: Music & Life, Resource Person: Dr. B. Arundhathi, Topic 23: API Score, Resource Person: Dr. S.V. Sudheer (Director HRDC), Topic 24: Health & Wellness, Resource Person: Dr. Usha S. Nair, Topic 25: Life Styles, Resource Person: Dr. Sivasankaran, Topic 26: Life Position, Resource Person: Dr. M. Kannan, Topic 27: Yoga, Resource Person: Mr. Roopesh, Topic 28: Presentation of Project Work, Resource Person: Dr. Resia Beegam, Topic 29: Video Analysis, Resource Person: Dr. Theresa Susan. A, Topic 30: Presentation of Project Work, Resource Person: Dr. S.N. Kumar, Topic 31: Presentation of Project Work, Resource Person: Dr. Biju, Topic 32: Presentation of Project Work, Resource Person: Dr. Lal C. A.

A one day field visit was organised to Poovar Lake, Trivandrum on 7th December 2017. The course came to a conclusion with evaluation and feedback session. The participants specially mentioned the dedication, responsibility and enthusiasm of Dr. S. V. Sudheer which ensured the smooth conduct of the course. The extremely co-operation and amiable attitude of the staff of HRDC was also sincerely acknowledged by the participants.

REFRESHER COURSE IN SPECIAL WINTER SCHOOL

[From 30.11.2017 To 20.12.2017]

The Refresher Course in Winter School was held at the UGC – Human Resource Development Centre, University of Kerala from 30.11.2017 to 20.11.2017. The course was inaugurated by Dr. S.V Sudheer, Director, UGC – Human Resource Development Centre. 70 teachers participated in this programme. Dr. P.N. Sudarsanan, Asst. Professor, Department of Sanskrit Vyakarna, Govt. Sanskrit College, Tripunithura and Ms. Savitha A.R , Asst. Professor, Department of English, Sree Ayyappa College for Women, Nagercoil were selected as the Convenors of the Course.

The following topics on Winter School were discussed during the different sessions of the programme: **Topic 1: Introduction to Human Rights, Resource Person: Dr. C.A Josukutty, Topic 2: Adolescent Mental Health, Resource Person: Dr. Arun B. Nair, Topic 3: Service Rules for college teachers, Resource Person: Prof. K.S. Jayachandran, Topic 4: Stress Management, Resource Person: Dr. Kiran Kumar, Topic 5: Living with Disease, Resource Person: Dr. Aswini Kumar S, Topic 6 : Nadan Pattu Sahityam, Resource Person: Sri. C. J. Kuttappan, Topic 7: Learner Perceptions and in the new Era, Resource Person: Dr. V. M. Santhosh, Topic 8: Women Empowerment, Resource Person: Adv. Bhuvanendran Nair, Topic 9: Edutainment or Infotainment: New mode of teaching & learning, Resource Person: Adv. S. Jithesh, Topic 10: Nuclear: Clean and green energy, Resource Person: Sri. A. V. Sathish, Topic 11: Epidemics as a biological disaster, Resource Person: Dr. Amar S. Fettle, Topic 12: Gender Studies, Resource Person: Dr. Muraleedharan Tharayil, Topic 13 : Scientificalness of Jyothisha, Resource Person: Mr. Ajayakumar, Topic 14: GST, Resource Person:**

Dr. N. Ramalingam, Topic 15: Interpersonal Relationship, Resource Person: Sri. Justin Padamadan, Topic 16: Life Position, Resource Person: Dr. M. Kannan, Topic 17: Classroom Management, Resource Person: Dr. S. V. Sudheer (Director HRDC), Topic 18: Pesticides and residues in food and their impact, Resource Person: Dr. Thomas Biju Mathew, Topic 19: Presentation of project work Moderators : Dr. Shaila, Dr. Radhamany, Dr. Sajeev Rose, Dr. V. Sathish.

As part of the programme, a tour was conducted to Mankayam on 14th December 2017. All the participants have done boating where they were able to observe the different varieties of flora and fauna. The programme concluded on 20.12.2017 with evaluation and feedback session. The participants expressed their opinion about the programme, content, its organization, administration and also gave valuable suggestion for its further improvement.

156th ORIENTATION PROGRAMME [From 04.01.2018 To 31.01.2018]

The 156th Orientation Programme conducted by UGC-Human Resource Development Centre, University of Kerala commenced on 4th January 2018. Dr. S.V. Sudheer, Director, UGC- HRDC introduced the course to the participants. In his inaugural address Dr. Sudheer emphasised the need for acquiring new teaching skills and class room methodology, and how to improve the student- teacher relation. 67 teachers participated in the Orientation Programme. The ice breaking session was effectively handled by Dr. Sonny Jose, Assistant Professor of Social Work, Loyola College of Social Sciences, Trivandrum. Dr. Praveen S.S, Assistant Professor, Department of Physics, St. Thomas College, Kozhencherry and Ms. Sini V, Assistant Professor, Department of Malayalam, S.N College, Sivagiri, were selected as Convenors of the Programme.

The following topics were covered in the Programme:
Topic 1: Classroom communication Techniques, Resource Person: Dr. G. Porgio, Topic 2: Disaster Management, Resource Person: Dr. Thara K.G, Topic 3: Value Based Education, Resource Person: Dr. Dinakarlal Thavamony, Topic 4: Reflective Teaching, Resource Person: Dr. Rosamma Philip, Topic 5: Water Resource Management, Resource Person: Dr. E. Shaji, Topic 6: Women Empowerment, Resource Person:

Adv. Bhuvanendran Nair, Topic 7: Service rules for college teachers, Resource Person: Prof K. S. Jayachandran, Topic 8: Interactive Discussion, Resource Person: Dr. S. V. Sudheer (Director HRDC), Topic 9: Health & Wellness, Resource Person: Dr. Usha S. Nair, Topic 10: Adolescent Mental Health, Resource Person: Dr. Arun B. Nair, Topic 11: Living with Disease, Resource Person: Dr. Aswini Kumar S, Topic 12: Time Management, Resource Person: Dr. V. Reghu, Topic 13: English for Communication, Resource Person: Dr. Lal C. A, Topic 14: Nuclear: Clean and green energy, Resource Person: Sri. A. V. Sathish, Topic 15: API Score, Resource Person: Dr. S. V. Sudheer (Director HRDC), Topic 16: Interpersonal Relationship, Resource Person: Dr. Justin Padamadan, Topic 17: Edutainment or Infotainment : New mode of teaching & learning, Resource Person: Adv. S. Jithesh, Topic 18: Music & Life, Resource Person: Dr. Arundhathi, Topic 19: Pesticides and residues in food and their impact, Resource Person: Dr. Thomas Biju Mathew, Topic 20: Stress management, Resource Person: Dr. Kiran Kumar, Topic 21: Classroom Management, Resource Person: Dr. S. V. Sudheer (Director HRDC), Topic 22: International Relations, Resource Person: Ambassador T.P. Sreenivasan, Topic 23: Research Methodology, Resource Person: Dr. M Kannan, Topic 24: Yoga, Resource Person: Sri. Roopesh R, Topic 25: RTI, Resource Person: Sri. T Manoharan Nair, Topic 26: Video Analysis, Resource Person: Dr. Theresa Susan A, Topic 27: History of Education, Resource Person: Dr. Alexander Jacob IPS, Topic 28: Video Analysis, Resource Person: Dr. Theresa Susan A, Topic 29: Fire & Rescue service in Disaster Management, Resource Person: Sri. Prathap Kumar, Topic 30: Presentation of Project Work, Resource Person: Dr. Resia Beegam, Topic 31: Presentation of Project Work, Resource Person: Dr. P. P. Ajayakumar, Topic 32: Presentation of Project Work, Resource Person: Dr. V. Biju, Topic 33: Presentation of Project Work, Resource Person: Dr. Salom Gana Thanga.

A one day field visit was organised to Chitranjali Studio, Kovalam and Vizhinjam on 18th January 2018. All the participants enjoyed the trip and made it a memorable experience. The programme was concluded on 31.01.2018. All the participants gave the feedback

on the course and were satisfied about the excellence conduct of the course. They expressed their gratitude to the Director UGC-HRDC and all the staff members of UGC-HRDC.

REFRESHER COURSE IN ENVIRONMENTAL SCIENCES

[From 09.01.2018 To 29.01.2018]

The 26th Refresher Course in Environmental Sciences was held at the UGC – Human Resource Development Centre, University of Kerala from 09.01.2018 to 29.01.2018. The course was inaugurated by Dr. Padmarao G., Director-in-Charge, UGC – Human Resource Development Centre. In his inaugural address, Dr. Padmarao G. emphasized the significance of Environmental Sciences in the present scenario of global environmental issues. He also emphasized the importance of environmental awareness and he motivated the participants to convey the message of environmental protection to their students. The ice breaking session was led by the co-ordinator of the course, Dr. Salom Gnana Thanga, Department of Environmental Sciences, University of Kerala. Ms. Sherly Thankam, Department of Mathematics, Rani Anna Govt. College, Tirunelveli and Dr. Ramakrishnan S., Department of Chemistry, Sacred Heart College (Autonomous) Thevara, Ernakulam were selected as the conveners of the Refresher Course.

The following topics on environmental science were discussed during the different sessions of the programme: **Topic 1: Ecological Foot Print and Human Animal Conflict**, Resource Person: **Dr. Renjan Mathew Varghese**, **Topic 2: Climate Change and Food Security**, Resource Person: **Dr. G. Suja**, **Topic 3: Water Resource Factories**, Resource Person: **Dr. B. Krishnakumar**, **Topic 4: Service Rules for College Teachers**, Resource Person: **Prof. K. S. Jayachandran**, **Topic 5: Quality Assurance in Higher Education**, Resource Person: **Dr. Jacob John Kattakkayam**, **Topic 6 : Arctic Expedition**, Resource Person: **Dr. Mohammed Hatha**, **Topic 7: Environmental Conservation Challenges**, Resource Person: **Dr. Easa**, **Topic 8: Harmful algae**, Resource Person: **Dr. K. Padmakumar**, **Topic 9: Natural hazards**, Resource Person: **Dr. John Mathai**, **Topic 10: Conservation of Biodiversity in Western Ghats**,

Resource Person: **Dr. Kunjkrishnan**, **Topic 11: Waste Management**, Resource Person: **Dr. E. V. Ramasamy**, **Topic 12: Environmental issues-Mining**, Resource Person: **Dr. Sabu Joseph**, **Topic 13 : Ecology**, Resource Person: **Dr. Salom Gnana Thanga**, **Topic 14: Stress Management**, Resource Person: **Dr. Kiran Kumar**, **Topic 15: Adolescent Mental Health**, Resource Person: **Dr. Hima**, **Topic 16: Water Resource Management**, Resource Person: **Dr. E. Shaji**, **Topic 17: Minerals and Rocks**, Resource Person: **Dr. S. N. Kumar**, **Topic 18: Marine Invertebrates and Marine Symbiosis**, Resource Person: **Dr. Deepak Samuel**, **Topic 19: Life Positions**, Resource Person: **Dr. M. Kannan**, **Topic 20: Scientific Temperament in University Education**, Resource Person: **Dr. Arul Jerald Prakash**, **Topic 21: Nuclear Energy**, Resource Person: **Dr. A. V. Sathish**, **Topic 22: API Score**, Resource Person: **Dr. S. V. Sudheer** Last sessions of the course were project presentation by the participants. **Dr. Salom Gnana Thanga, Dr. Jaya D.S. and Dr. Sabu Joseph evaluated the presentations.**

As part of the programme, a tour was conducted to Poovar, where all the participants have done boating where they were able to observe the different varieties of flora and fauna. The participants also visited the geology museum in the Department of Geology, Kerala University. They were shown different varieties of rocks and minerals which were collected. The research persons explained about how the rocks were sampled, analysed through the microscope.

A feedback questionnaire on various aspects of the programme was distributed to the participants. All the participants unanimously indicated that the refresher course was beneficial to them, in all respects. The participants appreciated the infrastructure facility of the UGC-HRDC, whole heartedly. They expressed their deep sense of gratitude towards Dr. Padmarao G., Director-in-Charge, UGC – Human Resource Development Centre, for his personnel interest and valuable advices. All the participants expressed their gratitude to the office staff for their ungrudging help. The programme concluded on 29.01.2018. The co-ordinator, Dr. Salom Gnana Thanga delivered the valedictory address.

SHORT-TERM COURSE IN GENDER SENSITIZATION [From 19-01-2018 To 25-01-2018]

A Short-Term Course for Gender Sensitization was launched by UGC-HRDC, University of Kerala on 19th January, 2018. Dr. Padmarao G., Director in Charge, UGC-HRDC inaugurated the programme. Dr. Bismi Gopalakrishnan, Associate Professor & Head, Dept. of Law, University of Kerala, Course Co-ordinator briefed the participants on different dimensions of the programme. The participants were 28 in number from different colleges in Kerala and 2 teachers from colleges in Maharashtra University. The batch was multi-disciplinary, with participants from the areas of Humanities, Oriental Studies, languages, Physical Education, Social Sciences, natural Sciences, Education and Anthropology. Dr. Sheeba Sarath S., Assistant Professor of Hindi, University College, Trivandrum and Mr. Sathian M., Assistant Professor, Department of Malayalam, Govt. Arts & Science College, Kozhikode served as the convenors of the programme.

The following topics/areas were discussed during the duration of the Programme: The topics discussed during the course were: **Topic 1: Need for Gender Sensitization in modern context, Resource Person: Dr. Meena T. Pillai, Topic 2: Gender Sensitization and Social Media - Problems and prospects, Resource Person: Dr. Arun Kumar, Topic 3: Gender, Gender Equality-Conceptual Analysis, Resource Person: Dr. Mala Ramanathan, Topic 4: Gender Sensitization: An Experimental Perspective, Resource Person: Ms. Aroline K. Tom, Topic 5: Gender Rights & Human Rights, Resource Person: Dr. N. K. Jayakumar, Topic 6: Gender Sensitization and Vulnerable Population, Resource Person: Dr. Manju S. Nair, Topic 7: Gender Sensitization and Police, Resource Person: Dr. Jacob Punnose, Topic 8: Gender Sensitization : Interactive Session with Police Team, Govt. of Kerala, Topic 9: Gender Sensitization and Transgender Perspectives, Resource Person : Dr. Muraleedharan Tharayil, Topic 10: Legislative and Judicial Initiatives towards Gender Sensitization, Resource Person: Dr. Anishia Jayadev, Topic 11: Gender Sensitization – Media Perspectives, Resource Person: Mr. Arun, Topic 12: Gender Sensitization and Family, Resource Person: Dr. Arun B. Nair, Topic 13: Gender Sensitization and Law, Resource Person: Dr. Bismi**

Gopalakrishnan, *Topic 14: Gender Sensitization at Work Place, Resource Person : Dr. Vineetha Menon.*

The course was successfully completed on 25th January, 2018 with evaluation and feedback session in which the participants shared their experiences and sought suggestions for further improvement. All the participants expressed their gratitude to the office staff for their ungrudging help and marvelous support for the course.

27th REFRESHER COURSE IN ECONOMICS [From 01.02.2018 to 21.02.2018]

The UGC sponsored Refresher Course in Economics (Interdisciplinary) conducted by the Human Resource Development Centre, University of Kerala, commenced on the forenoon of 1st February 2018. Sixty Three participants from different colleges and universities attended the programme. Dr. Padma Rao G., Director-in-charge, UGC-HRDC, inaugurated the programme. Mr. Anil Varma, Assistant Professor, Department of Economics, Zamorin's Guruvayurappan College, Kozhikode, and Ms. Sujithra Devi S, Assistant Professor Department of Economics, S. N. College, Chempazhanthy were selected as Convenors of the Programme.

The following topics were discussed and deliberated during the course: **Topic 1: Economic Reforms and Public Sector Banks; Resource Person: Prof. D. Narayana, Topic 2: Critiquing the discipline of Economics; Resource Person: Prof. M.A. Oommen, Topic 3: International Relations; Resource Person: Amb. T. P. Sreenivasan, Topic 4: Indian Economy; Resource Person: Prof. S. Iyyam Pillai, Topic 5: Firms as a Source of Market Failure; Resource Person: Mr. Siddik Rubiyath, Topic 6: Key Theoretical Debates within Disciplines; Resource Person: Raviraman, Topic 7: Energy Sector in India; Resource Person: Dr. Vijayamohan Pillai, Topic 8: A Survey of Growth Theories; Resource Person: Dr. M. Kabir, Topic 9: Agriculture Sector in India after Reforms; Resource Person: Prof. K.P Mani, Topic 10: Data base on Indian Economy; Resource Person: Dr. Joseph. P.J., Topic 11: GST and India; Resource Person: Dr. Jose Sebastian, Topic 12: Sustainability of Water Resources in India; Resource Person: Dr. Anitha. V, Topic 13: Time Series Econometrics; Resource Person: Dr. Manju S. Nair, Topic 14: Panel Data Analysis; Resource Person: Dr. Vijayamohan Pillai, Topic 15: Indian Economy – A Macro**

Perspective; Resource Person: Sri R. Mohan, Topic 16: Data Management and Testing; Dr. Nagarajan Naidu, Topic 17: Empirical Methodology for Social Science Research; Resource Person: Dr. Rajasenan, Topic 18: Application of Derivatives in Economics; Resource Person: Dr. Abdul Salim, Topic 19: Exploring India's Macro Economics; Resource Person: Dr. Manju S. Nair, Topic 20: Current Economic Scenario with Global Perspective; Resource Person: Dr. J. A. Arul Chellakumar, Topic 21: Data Sources for Classroom Teaching in Economics; Resource Person : Dr. Shyjan Davis. The project presentation by the participants was moderated by Dr. Abdul Salim, Dr. Anitha V., Dr. A. K. Prasad and Dr. Pushpaganadan.

The field trip to Neyyar Dam & Kottur on 14th February, 2018 was really a refreshing one for the participants. The participants enjoyed the trip and the scenic beauty. The course was successfully completed on 21.02.2018 with evaluation and feedback session. The whole hearted dedication, responsibility and time of help from the Director and co-ordinator ensured the smooth conduct of the programme. They appreciated all the staff members for their co-operation, and hospitality towards the participants.

REFRESHER COURSE IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY [From 07-02-2018 to 27-02-2018]

The UGC sponsored Refresher Course in Computer Science and Information Technology was held from 07.02.2018 to 27.02.2018. Dr. Padmarao G., Director-in-charge, UGC-HRDC, University of Kerala introduced the course to the participants. In his speech, he highlighted the importance of this course. The course was formally inaugurated by Dr. M.S. Rajasree, Principal, Govt. Engineering College, Barton Hill, Trivandrum. The ice-breaking session was handled by Dr. Achuthsankar S. Nair, course co-ordinator. Ms. Gincy Abraham, U.C. College, Aluva and Mr. C. K. Balaji, Govt. Arts and Science College, Sivakasi were selected as the convenors of the course.

The following themes were covered in the course:
Topic 1: Cognitive Computing, Resource Person: Dr. Elizabeth Sherly, Topic 2: Tensor Flow, Resource Person: Mr. Sudip Choudhary, Topic 3: Combinational Optimisation, Resource Person:

Dr. Manoj Changat, Topic 4: Augmented Reality, Resource Person: Mr. Vimal Kumar, Topic 5: Internet of Things, Resource Person: Mr. Amit Parmer & Mr. Elango, Topic 6: Machine learning & Sum, Resource Person: Dr. Salim A., Topic 7: Stress Management, Resource Person: Dr. S. Kiran Kumar, Topic 8: Nature inspired computing, Resource Person: Dr. Vinod Chandra, Topic 9 : Introduction to Bioinformatics, Resource Person : Dr. Achuthsankar S. Nair, Topic 10: Tensor Flow Lab, Resource Person: Mr. Sudip Choudhary, Topic 11: Association Rule Learning, Resource Person: Dr. Anand Hareendran, Topic 12: IoT Hands on workshop, Resource Person: Dr. Sunil T. T., Topic 13: Data Mining and Bioinformatics, Resource Person: Dr. Abdul Nazeer, Topic 14: CUDA Implementation of NLM filter, Resource Person: Dr. G. Raju, Topic 15: Julia Programming, Resource Person: Sri. Gokul Alex, Topic 16: Data and Image Compression, Resource Person: Dr. K. Somasundaram, Topic 17: Computer Vision and Deep Learning, Resource Person: Dr. Brijesh Madhavan, Topic 18: Bit Coin, Black Chain Technology, Resource Person: Dr. Satheesh Babu, Topic 19: Next Gen Digital Experience with AI, Resource Person: Dr. Jithesh Sathyan, Topic 20: 3D Printing: Lecture Demo, Resource Person: Dr. Prasanth David, Topic 21: WEKA, Resource Person: Dr. Anand Hareendran.

Project Presentation by the participants was evaluated by **Prof. Jyothi John** and **Dr. Jaya Mohan**. The participants went on an industrial visit to TCS on 21.02.2018 and CDAC on 22.02.2018. The participants went on a field trip to Kallar, which brought them closer. Positive feedback and suggestions were given by the participants during the valedictory function. In the feedback session, participants expressed their appreciation of the efforts taken by the co-ordinator Dr. Achuthsankar S. Nair and specially mentioned the dedication, responsibility and enthusiasm of Director Dr. Padmarao G. which ensured the smooth conduct of course. The extremely co-operative and amiable attitude of the staff of the UGC-HRDC was also sincerely acknowledged by the participants.

**SHORT - TERM COURSE IN RESEARCH
METHODOLOGY
[From 22-02-2018 To 28-02-2018]**

A Short-Term Course for Research Methodology was held from 22.02.2018 to 28.02.2018. The programme aimed at exchanging innovative practices, techniques, strategies, tools and experiences among the senior faculty members to get them of research. The course was formally inaugurated by Dr. Padmarao G., Director-in-charge, UGC-HRDC, University of Kerala.

The following topics/areas were discussed during the duration of the Programme: **Topic 1: Methodology in Language, Resource Person: Dr. D. Benjamin, Topic 2: Research Methodology, Resource Person: Dr. A. Bijukumar, Topic 3: Quality of Research, Resource Person: Dr. Achuthsankar S. Nair, Topic 4: Humanities Research, Resource Person: Dr. Meena T. Pillai, Topic 5: Quality of Research, Resource Person: Dr. Gopchandran, Topic 6: Methodology of Research, Resource Person: Dr. P. R. Sudhakaran, Topic 7: Writing Research, Resource Person: Dr. Jacob John Kattakayam, Topic 8: Time Management, Resource Person: Dr. Achuthsankar S. Nair, Topic 9 : Creative Writing, Resource Person : Dr. J. Devika, Topic 10: Information about Research Journals, Resource Person: Dr. Raman Nair, Topic 11: Literature Reviews, Resource Person: Dr. K. P. Vijayakumar.**

The course was successfully completed on 28.02.2018 with evaluation and feedback sessions in which the participants shared their experiences and sought suggestions for further improvement.

**157th ORIENTATION PROGRAMME
[From 28.02.2018 To 27.03.2018]**

The 157th Orientation Programme of HRDC, University of Kerala, Thiruvananthapuram started on 28.02.2018 with a record number of 74 participants, 73 from varied disciplines and different colleges of Kerala and one from Tirunelveli, Tamil Nadu. The programme was inaugurated by Dr. Padmarao G., the Director in Charge of UGC-HRDC, Karyavattom.

Dr. Padmarao briefed about the course and its objectives. The icebreaking session was handled by Mrs. Aroline K. Tom, following which Dr. Riju Issac,

Assistant Professor of Physics, M A College, Kothamangalam and Mrs. Anitha S., Assistant Professor of English, Govt. College, Tripunithura were selected as the Convenors. The 28 days long Orientation Programme was literally a mine of information opened to the participants.

The following sessions were arranged by HRDC as part of the Orientation Programme: **Topic 1: Quality Assurance in Higher Education, Resource Person: Dr Jacob John Kattakayam, Topic 2: Water Resource Management, Resource Person : Dr. E. Shaji, Topic 3: Classroom Communication Techniques, Resource Person :Dr. G. Porgio, Topic 4 : Women Empowerment, Resource Person : Adv. Bhuvanendran Nair, Topic 5 : Epidemics as a Biological Disaster, Resource Person: Dr. Amar S. Fettle, Topic 6 : International Relations, Resource Person : Ambassador T. P. Sreenivasan, Topic 7 : Service Rules for College Teachers, Resource Person : Prof. K. S. Jayachandran, Topic 8: Time Management, Resource Person : Dr. V. Reghu, Topic 9 : Introduction to Human Rights, Resource Person: Dr. Bismi Gopalakrishnan, Topic 10 : Yoga, Resource Person: Mr. Roopesh R., Topic 11 : Living with Diseases, Resource Person :Dr. Aswini Kumar, Topic 12 : Reflective Teaching, Resource Person: Dr. Rosamma Philip, Topic 13 : Fire& Rescue Services in Disaster Management, Resource Person : Sri Prathap Kumar, Topic 14 : Pesticides and Residues in Food and their Impact, Resource Person :Dr. Thomas Biju Mathew, Topic 15 : Health and Wellness, Resource Person : Dr. Usha S. Nair, Topic 16 : Life Positions, Resource Person : Dr. M. Kannan, Topic 17 : Review of Literature and Reference Management, Resource Person : Dr. K. P. Vijayakumar, Topic 18 : Disaster Management, Resource Person : Dr. K. G. Thara, Topic 19 : Communicative English, Resource Person : Dr. Lal C. A., Topic 20 : Nuclear : Clean and Green Energy, Resource Person : Sri A . V. Sathish, Topic 21 :Human Rights and Police, Resource Person : Dr. Jacob Punnoose, Topic 22 : Oh, God do not show me a way, Resource Person : Dr. Achuthsankar S. Nair, Topic 23 : Stress Management, Resource Person: Dr. Kiran Kumar S., Topic 24 : Digital Learning, Resource Person: Dr. S. Senthilnathan, Topic 25 : Music and Life, Resource Person: Dr. B. Arundhati, Topic 26 :Interpersonal Relationship**

Resource Person : Dr Justin Padamadan, Topic 27 : Video Analysis, Resource Person : Dr. Theresa Susan A.

The micro teaching sessions were held on 13.3.2018. The entire batch of 74 participants presented their 4 minute microteaching within 5.15 p.m. The programme was conducted very efficiently by the participants. The video analysis was made by **Dr. Theresa Susan A.** The abstracts of the microteaching lessons were compiled, typeset and published.

The other highlights of the programme were the Celebration of International Women's Day on 8 March, Planting of a sapling jointly by Dr. Padmarao G., Dr. B. Arundhati and Dr. Justin Padamadan in the campus, the field visit to Neyyar Dam on 15.03.2018 and a tour to Greenfield Stadium on 23.03.2018 was a memorable experience to the participants. Publication of the manuscript magazine was another achievement. All credit goes to the course participants and the excellent teamwork. The co-operation and motivation given by the HRDC staff deserves special mention. The programme concluded on 27.03.2018 with a valedictory function, feedback from participants and distribution of certificates.

REFRESHER COURSE IN EDUCATION AND TEACHING METHODS [From 07.03.2018 To 27.03.2018]

The 19th Refresher Course in Education and Teaching Methods was conducted at HRDC, University of Kerala, Trivandrum from 07.03.2018 to 27.03.2018. The participants are from different universities of Kerala, Tamilnadu, Gujarat and Maharashtra. Dr. Bindu R.L. Professor, Department of Education, University of Kerala was the Course Coordinator and Dr. Shaiju Francis, St. Joseph's Training College Mannanam, Kottayam and Dr. Laya A.B., SNM Training College, Moothakunnam were the convenors of the course. Renowned resource persons from different states of India enlightened the participants on various perspectives of Teaching-learning process, Research and Technology.

The list of resource persons are added below: **Topic 1: Higher education – new concerns, Resource Person: Sri. M. Nandakumar IAS, Topic 2: Use of Metaphors in teaching, Resource Person: Dr. Achuthsankar S. Nair, Topic 3: Women Empowerment, Resource Person: Adv. Bhuvanendran Nair, Topic 4: Service**

Rules for College Teachers, Resource Person: Prof. K. S. Jayachandran, Topic 5: Value based Education & Ethics, Resource Person: Dr. Allan Thomas, Topic 6: Hemisphericity- Significance in learning, Resource Person: Dr. Arun B. Nair, Topic 7: Qualitative research –concerns and strategies, Resource Person: Dr. M. A. Sudhir, Topic 8: Approaches to research designs, Resource Person: Dr. Simon Thattil, Topic 9: Health & Wellness, Resource Person: Dr. Usha S. Nair, Topic 10: Horticulture therapy - for emotional intelligence, Resource Person: Dr. Beela G. K., Topic 11: Appropriate tool selection & Statistics, Resource Person: Dr. M. Kannan, Topic 12: Stress Management, Resource Person: Dr. Kiran Kumar, Topic 13: Environmental concerns and ethical issues, Resource Person: Dr. Sabu T., Topic 14: Tool construction and validation, Resource Person: Dr. William Dharmaraja, Topic 15: Gender Studies: Components in Teacher Education, Resource Person: Dr. Moly Kuruvila, Topic 16: Research Projects: Selection to Reporting, Resource Person: Dr. Celine Pereira, Topic 17: Making Learning interesting through improvisation, Resource Person: Prof. Sri. Anandan Nambiar, Topic 18: Education in the Digital Era: Technopedagogical Perspectives, Resource Person: Dr. Senthilnathan, Topic 19: Adolescent and youth behavior, Resource Person: Dr. Shari Padiyath, Topic 20: Music appreciation, Resource Person: Dr. B. Arundhathi, Topic 21: Review of Literature and Reference Management, Resource Person: Dr. K. P. Vijayakumar, Topic 22: Feminist Research, Resource Person: Dr. Bindu R. L.

Women's day was celebrated on 8th March, 2018. The meeting was chaired by Dr. Bindu R.L., the coordinator of the Refresher Programme. The meeting began with a prayer song. Dr. Shaiju Francis welcomed the gathering. The programme commenced with a quiz competition. Smt. Jayalakshmi R. was selected as lucky lady and declared as the President of the function. She inaugurated the function by reciting a sloka. A variety of cultural programme adorned the Womens Day Celebration like skit, group song, recitation etc. The coordinator Dr. Bindu R.L. delivered a valuable message on Women Empowerment. The programme concluded with a vote of thanks proposed by Dr. Maria Josephine.

One day field trip was arranged to Veli, ISRO Museum at TERLS and Sangumukham on 22.03.2018.

It was a very refreshing experience for the participants. The presentation of projects prepared by the course members were conducted under the chairmanship of Dr. Bindu R.L. on 26th March 2018. The participants were kindled by outstanding cultural performance staged by them on 26.03.2018 in the afternoon session where each participant presented their skills creatively in various forms of dance, music and theatre arts.

The refresher course came to an end on 27.03.2018 with a valedictory and feedback session. The participants appreciated the efforts taken by Dr. Bindu.R. L. and all the staff of HRDC to make the course fruitful, outstanding and memorable. We proudly say that this refresher course created and joined a group of motivated academic fraternity.

TWO-DAY WORKSHOP FOR PRINCIPALS & IQAC Co-ORDINATORS OF COLLEGES IN KERALA (sponsored by RUSA)
[From 27.07.2017 To 28.07.2017]

The Two Day workshop for Principals & IQAC Co-ordinators of Colleges in Kerala was held from 27.07.2017 to 28.07.2017 at the UGC-HRDC, University of Kerala. The programme was formally inaugurated by Dr. S. V. Sudheer, Director, UGC-HRDC. In his inaugural address he highlighted the need for quality maintenance and the need for improvement in education using innovative and creative techniques.

The following topics were covered in the programme: **Topic 1 : National Assessment and Accreditation Procedures, Preparations & Criteria, Resource Person: Dr. S. V. Sudheer (Director HRDC), Topic 2 : Stress Management, Resource Person: Dr. Dev Das Menon. Topic 3: Kerala Service Rules, Resource Person: Sri. K. Natesan Asari, Topic 4 : NAAC – Key Aspects, Assessment Indicators and Evaluation Process, Resource Person: Dr. S. V. Sudheer (Director HRDC)**

The programme came to an end with the valedictory session in which Mrs. Jaya IAS, Director of Collegiate Education and RUSA State Project Co-ordinator delivered the valedictory address. Dr. S. V. Sudheer, Director, UGC-HRDC chaired the session.

SHORT-TERM COURSE FOR UNIVERSITY ADMINISTRATORS
[From 23.03.2018 To 24.03.2018]

The Short-Term Course for University Administrators began on 23.03.2018 at the UGC-HRDC, University of Kerala. The programme was formally inaugurated by Dr. Padma Rao G., Director in-charge, UGC-HRDC. In his inaugural address he highlighted the crucial role of Administrators in the function of the University. 29 participants were attended in this programme.

The following topics were covered in the programme: **Topic 1: Kerala Service Rules, Resource Person: Sri. Natesan Asari, Topic 2: Inter Personal Relationship, Resource Person: Mr. Justin Padamadan, Topic 3: University Administration, Resource Person: Dr. S. Kevin, Topic 4: Stress Management, Resource Person: Dr. Kiran Kumar.**

The programme was highly beneficial to the participants. The programme concluded with an evaluation and feedback session in which the participants expressed their views and experiences and also gave valuable suggestion for further improvement.

ONE-DAY WORKSHOP FOR PRINCIPALS OF COLLEGES IN KERALA ON 26.03.2018

The One Day workshop for Principals of Colleges in Kerala commenced on 26.03.2018 at the UGC-HRDC, University of Kerala. The programme was formally inaugurated by Dr. Padmarao G., Director in-charge, UGC-HRDC. In his inaugural address he highlighted the crucial role of the Principals in ensuring the successful functioning of Colleges.

The following topics were covered in the programme: **Session 1 & 2: Kerala Rules & Services, Resource Person: Sri. K Natesan Asari, Session 3 & 4: Interpersonal Relationship & Stress Management, Resource Person: Mr. Justin Padamadan.**

The programme was informative and highly beneficial to the participants. The programme concluded with an evaluation and feedback session in which the participants expressed their views and experiences also gave valuable suggestion for further improvement.



Former Justice Sri. K.T. Thomas delivering a talk for the participants of RC in Human Rights



Former Director, UGC-HRDC, Dr. Jacob John Kattakayam Inaugurating the RUSA sponsored Orientation Programme



Dr. Alexander Jaob IPS interacting with participants



Dr. Sarghadharan Former Professor handling a session for University Assistants



Dr. Senthilnathan handling a session on E-learning



Rishiraj Shingh IPS interacting with the participants of Human Rights



Cartoonist S. Jithesh interacting with the participants



The participants of RC in Renewable Energy celebrating Onam

**PROGRAMMES CONDUCTED
FROM DECEMBER 1987 TO MARCH 2018**

Sl.No.	Year	Number of Courses	Number of Participants
1	1987 - 1988	03	94
2	1988 - 1989	08	281
3	1989 - 1990	10	337
4	1990 - 1991	12	405
5	1991 - 1992	16	482
6	1992 - 1993	18	493
7	1993 - 1994	19	583
8	1994 - 1995	15	459
9	1995 - 1996	12	381
10	1996 - 1997	11	408
11	1997 - 1998	11	449
12	1998 - 1999	13	572
13	1999 - 2000	22	960
14	2000 - 2001	27	1104
15	2001 - 2002	28	1202
16	2002 - 2003	32	1294
17	2003 - 2004	33	1108
18	2004 - 2005	33	1296
19	2005 - 2006	36	1180
20	2006 - 2007	33	1002
21	2007 - 2008	36	1094
22	2008 - 2009	32	1104
23	2009 - 2010	34	1049
24	2010 - 2011	32	985
25	2011 - 2012	30	1093
26	2012 - 2013	27	1014
27	2013 - 2014	29	1125
28	2014 - 2015	28	1202
29	2015 - 2016	19	1022
30	2016 - 2017	22	1022
31	2017 - 2018	29	1399
Total		711	26,199

Applications may reach this office 30 days prior to the commencement of each course
Application forms can be downloaded from the website: www.keralauniversity.ac.in/ugcasc

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