



NIRMALA COLLEGE MUVATTUPUZHA

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FOURTH CYCLE NAAC ACCREDITATION 2019

CRITERION 6

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Report of Faculty Development Programmes

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

6.3.3 Report of Faculty Development Programmes 2014 -19

Nirmala College organises innovative programmes through IQAC every year. This initiative is for enhancing the academic, psycho-social, and administrative proficiency of the teaching and non-teaching staff of the college. Strengthening the intellectual infrastructure of the faculty will foster the rapid progress of the institution. IQAC provides faculty and administrators with access to rich academics and innovative approaches to learning and problem solving. IQAC conducts diverse seminars, lectures and training programmes to promote quality performance among faculty and administrative staff.

2014-15

In the year **2014-15** a total of twenty-one faculty development programmes were conducted for teaching and non-teaching faculty. Dr. M.C.Dileepkumar delivered a lecture on **Social Cultural Relationship and Official Life**. Rev. Dr. Paul Parathazham conducted a talk on the **Role of Catholic Institutions in Transforming Society** on 28 March 2014. Dept. of Botany organised a two-day national seminar on Beneficial Fungi on 04-05 Dec 2014. There were six technical sessions which provided scientific insight into the agricultural significance of fungi, mycorrhizae mushroom Biology and its cultivation. The dept. of Chemistry and IQAC jointly conducted a faculty development programme on **2-Dimensional NMR Spectroscopy** on 23 July 2014. Dr. Roji J Kunnathu took the session. On 23 July 2014 the then AGM of South Indian Bank Mr. Jolly Sebastian introduced **Various Welfare Schemes of SBI** to the non-teaching faculty. Rev. Fr. Joseph Puthenpurackal enriched the faculty with his seminar on **Youth and Moral Values in Changing Society** on 23 July 2014. The dept. of Physics organised IRC conference on **Research in Astronomy** from 8 to 10 Dec 2014. Prof. Ajith Kembhavi was the Keynote speaker. The dept. of Malayalam organised a 3-day national seminar on **Cultural politics of Mass Media** which discussed consumer culture and public taste on 25-27 Sept 2014. The dept. of Statistics and CUSAT jointly organised an FDP on **Conventional and Innovative Practices in Statistics** on 24 October 2014 and Prof. N. Unnikrishnan Nair was the chief resource person. The dept of Chemistry and IQAC arranged a one-day faculty development programme on **Effects of light on DNA** by Dr. Mahesh Hariharan on 8 Nov 2014. A national seminar on **Human Rights in Contemporary Hindi Literature** was organised by dept of Hindi on 20-21 November 2014. It created a consciousness among participants on the necessity of human rights. Prof. Tommy Cherian conducted a **Soft Skill Development Programme** on 25 November 2014. Nirmala College Library organised a UGC Sponsored National Seminar on **Role of Libraries in Providing**

Access to E-Resources on 28-29 November 2014. A training session on **Online College Automation Software** was carried out by Mr. Sirajudheen M.V on 18 December 2014 for both Teaching and non-teaching staff. A 3 -day National Seminar organised by dept. of Economics on **Swamy Vivekananda's Ideals of Secular India** attracted scholars from the length and breadth of India on 14-16 January 2015. A one-day FDP was conducted by Hindi dept. on **Concept of Feminism in Post Independent Hindi Literature** (30/01/2015). Justice Kurian Joseph delivered an FDP on **Fundamental Duties under Constitution of India** for the teaching faculty on 02 February 2015. IQAC and dept of Physics organised an FDP for Physics teachers on **Nano Materials and Nano Technology** on 05 February 2015. Dr. Manoth Mathew, Scientist DRDO was the resource person. R. Indulal conducted a faculty enrichment programme for English teachers on 27 March 2015. On 30 March 2015 Br. Thomas Paul endowed the teaching fraternity on the Problems of **Youth in Current Scenario**.

2015-16

16 programmes were conducted in the academic year **2015-16** commencing with a One Day enrichment programme on **Sambathum Bhashayum** on 04 June 2015 by dept. of Malayalam. The famous writer in Malayalam Dr. Munjinaad Pathmakumar oriented the teachers of Malayalam and English on **Kafka's contribution to the Literature and the World**. The dept. of Mathematics enriched the faculty members of Mathematical Science on **Queuing Theory** which has great applications in telecommunication, computing and design of buildings. The Commerce dept. organised a two-day national seminar on **Innovative trends in the Changing Indian Corporate Scenario** on 10-11 September 2015. Dr. Georgi Neernal delivered a lecture on '**How to curb ragging in a holistic manner**' on 18 September 2015. A talk on **Excellence in Higher Education** was passed on to the teaching fraternity by Rev.Dr.George Thanathuparambil on 18 September 2015. Dr. A.A. Muhammad Hatha trained the teachers of Zoology and Botany on **Recent Advances in Research in Artic Region** on 15 October 2015. The national seminar on **Political Economy of Sustainable Development of Kerala in the Context of Gadgil Report** enthralled the audience on the Ecological Feasibility of Western Ghats. Dr. Vijay Nair, NIIST Trivandrum gave new insights on the **Enchanting World of Organic Chemistry** on 14 November 2015. In the two-day National Seminar organised by dept. of Chemistry analysed different branches of **Spectroscopy** and provided a platform for experimental chemists to research and present their latest research works (04-05 December 2015). Another faculty development programme was conducted by IQAC on 8 January 2016 on '**Higher Education in India: Problems, Prospects**' by Dr. Fr. Pius Malekkandathil. Smt. K.C. Rosakutty conducted a class for teachers and administrative faculty

on **Women's rights and Responsibilities** on 11 February 2016. The two-day national Seminar on **Applied Statistical Methodology** on 12-13 February 2016 attracted researches into the recent trends and advances in **Theoretical and Applied Research Works in Statistics**. The dept. of English Organised a National Seminar on **Divergent Indian Voices** on 22-23 February 2016 which highlighted the numerous divergent voices like Resistant, Dalit, Tribal and Folk. C. Radhakrishnan enlightened the teaching faculty on **Media and Social Construction** on 25 February 2016. Dept. of Physics organised and endowed Lecture on **Exploring Nano Structures Using Scattering of Electro Magnetic Radiation** by Dr. P.A. Hassan, BARC Mumbai on 25 February 2016.

2016-17

The academic year **2016-17** witnessed 26 Faculty Development Programmes organised by IQAC. Dr. Suby Baby took a class on **ICT** for the non-teaching staff on 01 June 2016. Dr. Alexandar Jacob enlightened the teachers of Nirmala on the **Role of teachers on Social Reconstruction** on 11 July 2016. The dept of Chemistry organised one-day faculty development programme on **Molecules to Materials** on 20 July 2016. The resource person was Prof. George John, The City College, New York. Prof. N.R. Madhava Menon oriented the teachers of Nirmala on the **Role of Teachers in Nation Building** on 27 July 2016. The dept of chemistry in association with Royal Society of Chemistry UK organised a National Seminar on **Nuances in Chemistry** on 29-30 July 2016. Dr. Vimal Oak, BHEL and Ms. Stalina Bhai were the resource persons. Dr.T. M. Joseph, the Principal the teaching staff on **API Score Calculation** on 16 August 2016. IQAC organised a one-day faculty development programme for newly appointed Assistant Professors on **Academic Arear and Publications**. The dept. of Statistics organised an FDP on **Indian Heritage in Statistics** as part of World Statistics Day on 20 October 2016. DR. A. P.J. Abdul Kalam memorial Lecture by Dr. B. Ashok IAS was conducted on **Academic Freedom** on 11 November 2016. Rev.Fr. Joshua Mar Ignathios addressed the faculty on **Human Values in Education** on 18 November 2016. A lecture was delivered by Br. Thomas Paul on 29 November 2016 on the topic '**Ethics in Higher Education**'. A training session was arranged for non-teaching staff by Dr. T.M.Jacob on **Software based File Management** on 29 November 2016. IQAC as part of Mar Mathew Pothanamuzhi Memorial Lecture organised an FDP on **Ethics in Public Life** on 30 November 2016. The depts. of Mathematics and Physics jointly organised an FDP on **Cryptography and Internet Security** on 09 December 2016. Msgr. Mathew Palamattom memorial Lecture by Dr. Jacob John Kattakkayam on **Quality Enhancement in Higher Education –Role of NAAC** was held on 13 December 2016. The dept of Economics organised an FDP for Commerce and

Economics teachers on **Emerging Trends in Indian Economy**. The programme was held on 10 January 2017 and was taken by Sri. P.C. Cyriac IAS, Former Chief Secretary, Tamil Nadu. As part of Indian Economy Series Sri. T.C. Mathew took an **FDP on Demonetisation: Short run impacts and Long run Consequences**. IQAC as part of Thomas Nedumkallel Memorial Lecture organised an academic session on **Media and Society** by Sri. Sasikumar, Director, Asian College of Journalism on 17 January 2017. The Research dept. of Statistics conducted an Enrichment programme for teachers in Mathematics and Statistics on **Role of Statistics in IT** (13/02/2017). An International Lecture on **Human Development in Kerala in a Transitional Perspective**. The Council of Principals Colleges in Kerala and IQAC jointly organised a one-day training programme for Administrative staff of aided colleges of Mahatma Gandhi University on **Effective Office administration** on 18 February 2017. IQAC organised an FDP on **Language and Culture** on 21 February 2017. An FDP on **Emerging Trends in Indian Economy** organised by dept. of Economics held at auditorium on 22 February 2017. The dept of Physics organised an FDP on **Smart Sustainable Solar** on 27 February 2017. A two-day National Seminar on Exploring the **Realms of Quantum Mechanics and Computational Chemistry** organised by the dept. of Chemistry had four technical sessions which highlighted the **Behaviour of Chemical Systems** on 01-02 March 2017. Indian Council of Social Science Research Sponsored a two-day National Seminar on **Kerala Agriculture: Opportunities and Challenges**.

2017-18

The academic year **2017-18** witnessed 16 Faculty Development Programmes organised by IQAC and other departments. The dept. of Malayalam in collaboration with Kendra Sahithya Academy organised an FDP on *Adunika Malayala Kavithayile Samsarika Bahutham* on 9 August 2017. IQAC and dept of Physics jointly organised an FDP on **Colour and Visual Computing** on 10 July 2017 and the resource person was Dr. Sony George, Associate Professor NTNU, Norway. A Faculty Development Programme on Introduction to Quantum Chaos was delivered by Dr. Sijo K Joseph, Tel Aviv University, Israel, on 20 July 2017. As part of Dr. John Vallamattom Memorial Lecture, IQAC organised an FDP in **Ethics in Public Life** on 07 August 2017. Justice Cyraic Joseph spoke in detail on **Role of teachers in New Age** as part of Foundation Day Lecture on 10 August 2017. As part of Faculty Development Programme another lecture on **API Score and Career Advancement** was delivered by Dr. Benny Jacob on 18 August 2017. A three-day workshop on **Research Methodology and Statistical Analysis** was organised by dept of Commerce on 24-26 August

2017. Another lecture was addressed by Dr. P.C. Aniyankunj on 25 August 2017 on the topic **Effectiveness of Teaching in the Changing Context**. Dr. Vincent Mathew, Central University of Kerala trained the teachers of Natural Science on **Physics of Nano Systems** on 15 September 2017. Dept of Malayalam organised a **Nataka Sahithya Seminar on Dhurantha Darshanavum Prathyasha Sankalpavum** on 22 September 2017. As part of Golden Jubilee Celebrations of Dept of Chemistry, IQAC organised an FDP on **Photo Chromism in Debenzobarrelenes: A Serendipitous Discovery** for Chemistry teachers on 10 November 2017. Dept. of Zoology conducted a National Seminar on **Environmental Concerns and Management** on 29-30 November 2017. Dr. Manoj Joseph, ISRO, Dr. Ananth Madhavan, KUSAT, Prof. S. Sivadas, CMS Kottayam and DR. C.P. Shaji, Kerala Biodiversity Board were the resource persons. The teaching fraternity of Nirmala College also witnessed another lecture on Emerging parameters of quality assessment in higher education by Rev. Dr. Pius Malekkandathil on 14 December 2017. Another lecture was addressed by Dr. R. Selvam on the **New NAAC Accreditation Framework** on 15 December 2017. Dr. P.K. Abdul Aziz Former Vice Chancellor Aligarh Muslim University delivered a lecture as part of Abdul Kalam Memorial Lecture 16 February 2018.

2018-19

The IQAC and the departments organized 16 FDP programmes in the academic year 2018-19. Department of Physics organised **Prof. Sunny Joseph Memorial Endowment Lecture** on 5 July 2018. Memorial Lecture was delivered by Dr. K.P. Vijayakumar, Prof. (Rtd) Department of Physics, CUSAT. IQAC in collaboration with Department of Zoology organised an FDP on **The Importance of Mitochondrial Metabolism in Cancer** on 24 July 2018. Dr. Benny Abraham Kaiparettu, Asst. Professor in Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, USA was the resource person of the programme. An FDP on **Challenges of Higher Education** was organised by IQAC as part of Fr. John Vallamattam Memorial Lecture on 17 September 2018. Dr. Rajan Varughese, Member Secretary, Kerala State Higher Education Council delivered the Keynote address. Nirmal College, Muvattupuzha in association with Sahitya Academy New Delhi organised an FDP on **Cultural Facets of Post-Modern Malayalam Stories** on 25 September 2018. Many learned scholars and creative writers participated in the programme. As part of Foundation Day Lecture, IQAC organised an FDP on 04 October 2018 on the topic **Increasing Personal Qualities to be a Great Teacher**. Rev. Fr. Dr. S. Ignacimuthu, S.J., Director, Entomology Research Institute, Loyola College, Chennai, Former Vice Chancellor, Bharathiar University and Former Vice Chancellor, University of Madras was the resource person. An FDP on

Environment and Development: Present Paradigms was organised on 22 October 2018 by IQAC as part of Msgr. Thomas Nedumkallel Memorial Lecture. Dr. Sunil P. Ilayidom, Social Activist and Professor, SSUS, Kalady was the resource person. Postgraduate and Resresearch Department of Chemistry in collaboration with IQAC organised an **FDP on Role of Materials for Underwater Defence Applications** on 09 November 2018 as part of Rev. Dr. Mathew Thottiyil Memorial Endowment Lecture. Department of Zoology and IQAC organised FDP on **Conservation Challenges in the Wake of Natural Disaster** on 29 November 2018. Dr. PS Easa, former Director KFRI, Peechi was the resource person. IQAC and Department of Physics jointly organised an FDP on **Adventures in Scientific Thinking** on 06 December 2018. Invited talk was by Prof. C. Vijayan, Dept. of Physics IIT, Chennai. Postgraduate and Research department of Zoology organised the programme Teachers for Environment- An Educators Training Programme in **Urban Forestry and Protection of Environment** from 22 to 25 January 2019. The programme was sponsored by Kerala State Council for Science, Technology and Environment. Department of Malayalam organised an FDP on **Saamuhya Valarcha Mathrubhashayude Akathalangalil** as part of Dr. Vincent Maliyecka Endowment Lecture on 01 February 2019. IQAC, as part of Mar Mathew Pothanamuzhi Memorial Lecture organised an FDP on **Language and Culture** on 05 February 2019. Shri. Perumbadavam Sreedharan, reputed Malayalam writer was the Chief guest. Post Graduate and Research Department of Statistics organised a two-day National Workshop on Data Science entitled **From Data to Knowledge** from 08 to 09 February 2019. Postgraduate and Research Department of English organised an FDP on **New Paradigms of Research in Literature** on 27 February 2019. Department of Botany and IQAC organised an FDP on **Plant Taxonomy** on 11 March 2019 as part of Prof. K.V. Joseph Memorial Endowment Lecture. Dr. Mathew Dan, JNTBGRI, Tvm was the resource person.



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